
Savannah State University

A Senior, Residential Unit of the University System of Georgia



University Catalog 2011-2012

Savannah, Georgia 31404
Civil Rights Compliance

Special Notice

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

While the provisions of this catalog will generally be applied as stated, Savannah State University reserves the right to change any provision listed in this Catalog, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of any such changes. Information on changes will be available in the Offices of the Registrar, the Vice President for Academic Affairs, the Vice President for Student Affairs, and the offices of the academic deans. It is especially important that students note that it is their responsibility to remain apprised of current graduation requirements for their particular degree programs.

Savannah State University, an affirmative action/equal opportunity education institution, does not discriminate on the basis of sex, race, age, religion, handicap, or national origin in employment, admissions, or activities.

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University System of Georgia

The University System of Georgia includes all state-operated institutions of higher education in Georgia - 4 research universities, 2 regional universities, 13 state universities, 8 state colleges, and 8 two-year colleges. These 35 public institutions are located throughout the state.

A 16-member constitutional Board of Regents governs the University System, which has been in operation since 1932. Appointment of board members - five from the state-at-large and one from each of the state's eleven congressional districts - are made by the governor, subject to confirmation by the State Senate. Regular terms of board members are seven years.

The chairman, the vice chairman, 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 overall programs and services of the University System 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.

Requirements for admission of students to instructional programs at each institution are determined, pursuant to policies to 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, four-year colleges, and two-year colleges. This curriculum requires 60 semester credit hours, including 42 in general education - humanities/fine arts, mathematics and natural sciences, and social sciences - and 18 in the student's chosen major area of study. It facilitates the transfer of freshman and sophomore degree credits within the University System.

Public service/continuing education consists of non-degree activities, primarily, and special types of college-degree-credit courses. The non-degree activities are of several types, including short courses, seminars, conferences, lectures, and consultative and advisory services. Typical college degree-credit public service/continuing education courses are those offered through extension center programs and teacher education consortiums.

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. They are conducted both on and off campus.

The research investigations cover a large number and a variety of matters related to the educational objectives of the institutions and to general societal needs.

Most of the research is conducted through the universities; however, some of it is conducted through several of the four-year and two-year colleges.

The policies of the Board of Regents are for the governance, management, and control of the University System. The administrative actions of the chancellor provide autonomy of high degree 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 as appropriate, 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, and 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. The committees dealing with matters of university-system-wide application include, typically, at least one member from each institution.

Board of Regents

	District/Term Expires
Kenneth R. Bernard, Jr.	Thirteenth District, 2014
Larry R. Ellis	State at Large, 2016
Rutledge A. Griffin, Jr.	First District, 2018
Robert F. Hatcher	State at Large, 2013
C. Thomas Hopkins, Jr.	Third District, 2017
W. Mansfield Jennings, Jr.	Eighth District, 2013
James R. Jolly	Ninth District, 2015
Donald M. Leebern, Jr.	State at Large, 2012
William NeSmith, Jr.	Tenth District, 2015
Doreen Stiles Poitevint	Second District, 2011
Willis J. Potts (Chair)	Eleventh District, 2013
Neil L. Pruitt, Jr.	Fifth District, 2017
Wanda Yancey Rodwell	Fourth District, 2012
Kessel Stelling, Jr.	Sixth District, 2015
Benjamin J. Tarbuton, III	Twelfth District, 2013
Richard L. Tucker	Seventh District, 2012
Larry Walker	State at Large, 2012
Philip A. Wilheit, Sr.	State at Large, 2013

University System Administrative Staff (Atlanta)

Chancellor Mr. Henry M. Huckaby Chief Audit Officer & Associate Vice Chancellor (Interim) Mr. John Fuchko, III Executive Vice Chancellor & Chief Academic Officer Dr. Susan Herbst Chief of Staff for the Office of Academic Affairs. Dr. Melinda Spencer Assistant Vice Chancellor for Academic Planning. Dr. Felita Williams Assistant Vice Chancellor for Academic Programs. Dr. Marci M. Middleton Associate Vice Chancellor for Data Administration/Chief Data Officer. Mr. Bob Cernock Vice Chancellor, Educator Preparation and Innovation. Dr. Lynne Weisenbach Associate Vice Chancellor for Faculty Affairs. Dr. Linda Noble Executive Director, Health, Workforce Planning & Analysis. Mr. Ben Robinson Vice Chancellor and Chief Information Officer. Dr. Curtis A. Carver, Jr. Assistant Vice Chancellor, Research & Policy Analysis. Dr. Susan Campbell Lounsbury Assistant Vice Chancellor for Student Achievement. Ms. Virginia Michelich	Associate Vice Chancellor, Student Affairs. Ms. Tonya Lam Chief Operating Officer, Administrative & Fiscal Affairs. Mr. Rob Watts Vice Chancellor, Facilities. Ms. Linda M. Daniels Vice Chancellor, Fiscal Affairs. Ms. Usha Ramachandran Assistant Vice Chancellor, Georgia Public Library Service. Dr. Lamar Veatch Vice Chancellor, Human Resources. Mr. Wayne Guthrie Vice Chancellor, Legal Affairs & Secretary to the Board. Mr. J. Burns Newsome Associate Vice Chancellor, Planning & Implementation. Ms. Shelley C. Nickel Senior Vice Chancellor, Office of External Affairs. Mr. Tom Daniel Business Development Manager. Ms. Christina Hobbs Assistant Vice Chancellor, Office of Economic Development. Ms. Terry Durden Executive Director, Government Relations. . . Ms. Amanda D. Seals Associate Vice Chancellor, Media & Publications. Mr. John Millsaps
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Savannah State University Personnel

Administrative Officers/Cabinet Members

Interim President

Cheryl D. Dozier

B.A., Fairleigh Dickinson University
M.S.W., Atlanta University (now Clark Atlanta University)
D.S.W., Hunter College of CUNY, New York

Interim Vice President for Academic Affairs

Mostafa H. Sarhan

B.Com., University of Cairo
M.B.A., Texas A&M University
Ph.D., The University of Arkansas

Vice President for Student Affairs

Irvin Clark

B.S., Florida A&M University
M.P.A., Savannah State University
Ed.D., Fielding Graduate University

Vice President for Business and Financial Affairs

Edward Jolley

B.S., Morgan State University
M.B.A., Regis University

Vice President for University Advancement

Vacant

Legal and Governmental Relations

Joseph J. Steffen, Jr.

B.A., Wake Forest University
J.D., Marshall-Wythe School of Law College of William
& Mary

CIO- Computer Services & Information Technology

Jeff Delaney

B.S., University of Maryland
M.S., Georgia College & State University

Director of Human Resources

Sandra McCord Best

B.S., Savannah State College
M.P.A., Savannah State University
Ed.D., Fielding Graduate University

Director of Institutional Research, Planning and Assessment

Michael Crow

B.A., M.A., University of California
Ph.D., University of Michigan

Director of Internal Audit & Advisory Services

Elaine Shavers Campbell

B.A., Clark Atlanta University
M.B.A., Savannah State University
M.A.C., Georgia Southern University

Director of Title III

Dedra Andrews

B.B.A., Savannah State University
M.A., Webster University

Accreditation

Savannah State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the associate, baccalaureate and masters degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30099-4097 or call 404-679-4501 for questions about the accreditation of Savannah State University.

Savannah State University has also earned the following specialized accreditations:

- Bachelor of Social Work and Master of Social Work - Accredited by the Council on Social Work Education (CSWE), 1725 Duke Street, Suite 500, Alexandria, VA 22314-3457 - telephone (703) 683-8080
- Civil Engineering Technology and Electronics Engineering Technology - Accredited by the Technology Accreditation Commission of ABET, Inc., 111 Market Place, Suite 1050, Baltimore, MD 21202-4012 - telephone (410) 347-7700
- College of Business Administration - Accredited by the Association to Advance Collegiate Schools of Business (AACSB) International, 777 South Harbour Island Boulevard, Suite 750, Tampa, FL 33602-5730 - telephone (813) 769-6500
- Mass Communications - Accredited by the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC), 1435 Jayhawk Boulevard, Lawrence, KS 66045-7575 - telephone (785) 864-3973
- Master of Public Administration - Accredited by the National Association of Schools of Public Affairs and Administration (NASPAA), 1029 Vermont Avenue, NW, Suite 1100, Washington, DC 20005 - telephone (202) 628-8965

Certification:

- Chemistry - Approved by the Committee on Professional Training of the American Chemical Society, 1155 16th Street, NW, Washington, DC 20036 - telephone (202) 872-4589

Academic Calendar

Fall 2011

Calendar Event	Full Semester (15 wks)	1st Mini-Semester (7.5 wks)	2nd Mini-Semester (7.5 wks)
Fall Institute	Thu - Fri, August 4 – 5		
First Day of Classes	Thu, August 11	Thu, August 11	Tue, October 11
NA Deadline	Mon, August 22	Thu, August 18	Fri, October 14
Mid-Term Grades Due	Wed, October 5	Thu, September 8	Fri, November 4
Mid-Term: Last Day to Drop/Withdraw w/o Academic Penalty	Mon, October 10	Fri, September 9	Mon, November 7
Last Day of Classes	Thu, December 1	Mon, October 3	Thu, December 1
Final Exams	Mon-Thu, December 5–8	Tue-Wed, October 4-5	Fri, December 2
Graduating Senior Grades	Tue, December 6		Tue, December 6
Commencement	Sat, December 10		
Final Grades Due	Mon, December 12	Tue, October 11	Mon, December 12

Spring 2012

Calendar Event	Full Semester (15 wks)	1st Mini-Semester (7.5 wks)	2nd Mini-Semester (7.5 wks)
Spring Institute	Tue – Wed, January 3–4	Tue – Wed, January 3-4	
First Day of Classes	Thu, January 5	Thu, January 5	Thu, March 1
NA Deadline	Tue, January 17	Thu, January 12	Thu, March 8
Mid-Term Grades Due	Tue, February 28	Wed, February 1	Mon, April 2
Mid-Term- Last Day to Drop/Withdraw w/o Academic Penalty	Wed, February 29	Thu, February 2	Tue, April 3
Last Day of Classes	Thu, April 26	Fri, February 24	Thu, April 26
Final Exams	Mon-Thu, April 30-May 3	Mon, February 27	Fri-Thu, April 27-May 3
Graduating Senior Grades	Tue, May 1		Tue, May 1
Commencement	Sat, May 5		
Final Grades Due	Mon, May 7	Mon, March 5	Mon, May 7

Summer 2012

Calendar Event	Extended Session (6 wks)	1st Session (4.5 wks)	2nd Session (4.5 wks)
First Day of Classes	Wed, May 16	Wed, May 16	Mon, June 18
NA Deadline	Tue, May 22	Fri, May 18	Wed, June 20
Mid-Term Grades Due	Wed, June 6	Wed, May 30	Tue, July 3
Mid-Term- Last Day to Drop/Withdraw w/o Academic Penalty	Thu, June 7	Thu, May 31	Thu, July 5
Last Day of Classes	Wed, June 27	Thu, June 14	Tue, July 17
Final Exams	Thu, June 28	Fri, June 15	Wed, July 18
Final Grades Due	Tue, July 3	Tue, June 19	Mon, July 23

Fall 2012

Calendar Event	Full Semester (15 wks)	1st Mini-Semester (7.5 wks)	2nd Mini-Semester (7.5 wks)
Fall Institute	Thu - Fri, August 2-3	Thu -Fri, August 2-3	
First Day of Classes	Thu, August 9	Thu, August 9	Mon, October 8
NA Deadline	Mon, August 20	Thu, August 16	Mon, October 15
Mid-Term Grades Due	Tue, October 2	Tue, September 4	Wed, October 31
Mid-Term- Last Day to Drop/Withdraw w/o Academic Penalty	Wed, October 3	Wed, September 5	Thu, November 1
Last Day of Classes	Thu, November 29	Fri, September 28	Thu, November 29
Final Exams	Mon -Thu, December 3-6	Mon, October 1	Fri, November 30
Graduating Senior Grades	Tue, December 4		Tue, December 4
Commencement	Sat, December 8		
Final Grades Due	Tue, December 11	Tue, October 9	Tue, December 11

Spring 2013

Calendar Event	Full Semester (15 wks)	1st Mini-Semester (7.5 wks)	2nd Mini-Semester (7.5 wks)
Spring Institute	Wed - Thu, January 2-3	Wed-Thu, January 2-3	
First Day of Classes	Mon, January 7	Mon, January 7	Mon, March 1
NA Deadline	Wed, January 16	Mon, January 14	Mon, March 18
Mid-Term Grades Due	Thu, February 28	Fri, February 1	Wed, April 3
Mid-Term- Last Day to Drop/Withdraw w/o Academic Penalty	Fri, March 1	Mon, February 4	Thu, April 4
Last Day of Classes	Mon, April 29	Tue, February 26	Mon, April 29
Final Exams	Tue -Fri, April 30-May 3	Wed, February 27	Tue -Fri, April 30-May 3
Graduating Senior Grades	Wed, May 1		Wed, May 1
Commencement	Sat, May 4		
Final Grades Due	Wed, May 8	Tue, March 5	Wed, May 8

Summer 2013

Calendar Event	Extended Session (6 wks)	1st Session (4.5 wks)	2nd Session (4.5 wks)
Spring Institute			
First Day of Classes	Wed, May 15	Wed, May 15	Wed, June 19
NA Deadline	Wed, May 22	Fri, May 17	Fri, June 21
Mid-Term Grades Due	Wed, June 5	Wed, May 29	Tue, July 2
Mid-Term- Last Day to Drop/Withdraw w/o Academic Penalty	Thu, June 6	Thu, May 30	Wed, July 3
Last Day of Classes	Wed, June 26	Thu, June 13	Thu, July 18
Final Exams	Thu, June 27	Fri, June 14	Fri, July 19
Final Grades Due	Wed, July 3	Thu, June 20	Tue, July 23

Introduction

President's Message



Welcome to Savannah State University!

Coming soon

Vision

Our great institution was founded upon the principle of “adding value” to the lives of former slaves. Today, it is imperative that we remember the sacrifices made and the ideals our forefathers believed in and practiced over the years. The leaders and faculty of Georgia State Industrial College for Colored Youth (now Savannah State University) believed that education and self worth were keys to a productive and successful life. While they lacked material wealth and were given very few tools to work with, they believed that love and caring were important and necessary in the educational process and that such attributes would lead one to a rewarding and professional career and potentially a position of leadership in our society. Our institution has a longstanding history of creating enormous value that has made a difference to its people.

As president, it is my vision to continue this “value-added” approach to education as we use the principles of the past to guide our future. With the modern tools of today and our outstanding faculty, staff, administration, alumni and friends, we will not only provide academic and professional education, but we will seek to enhance our students’ self worth, social involvement and leadership skills through targeted programs. Today, we are a strong institution that meets students where they are in life. We are prepared to do our best to instill in every student a high set of values and a sense of abiding respect for themselves and for our society in general.

As our American society has evolved, we no longer separate our educational institutions by race. Today, there is an even greater need for institutions of higher education, especially those with a history of “adding value” and providing a nurturing environment for their students, to recruit and educate all students, regardless of race. At Savannah State University, we seek to educate all students who demonstrate the motivation, eagerness, potential and vision to seek after and secure a better life for themselves and their families.

It is my vision for Savannah State University to be the best “value-added” institution in the country.

Purpose and Goals of the University

Mission Statement:

Savannah State University, the oldest public historically black university in the State of Georgia, develops productive members of a global society through high quality instruction, scholarship, research, service, and community involvement. The University fosters engaged learning and personal growth in a student-centered environment that celebrates the African American legacy while nurturing a diverse student body. Savannah State University offers graduate and undergraduate studies including nationally accredited programs in the liberal arts, the sciences and the professions.

Overview of Savannah State University

Savannah State University was founded when enabling legislation was passed by the Georgia General Assembly on November 26, 1890, creating a normal school for the training of Black citizens. The fledgling institution, known as the Georgia State Industrial College (GSIC) for Colored Youths, began its first session in June 1891, in the Baxter Street School Building in Athens, Georgia, with Richard R. Wright, Sr., as principal, and was considered a part of the University of Georgia. Religious and educational leaders such as Professor John McIntosh, Reverend E. K. Love, James Simms, Alexander Harris, and others met in March 1891, in the basement of the First African Baptist Church and developed a proposal that convinced Judge Peter W. Meldrim, chair, and the other white members of the Georgia State Industrial College Board of Commissioners to locate the new Black institution in Savannah.

The College was established as a result of the Second Morrill Land Grant Act of August 30, 1890, which had specific wording mandating the development of Black land grant colleges in the southern and border states. The early educational paradigm of the College was based on the Talented Tenth philosophy of W. E. B. DuBois, the vocationalism of Booker T. Washington, and the model of the New England College espoused by Richard R. Wright, Sr., as a result of his education under the American Missionary Association at Atlanta University. The early curriculum had normal, agricultural, and college programs. The College opened in Savannah on October 7, 1891, with Richard R. Wright, Sr., as principal, five students from Ware High School in Augusta, and a foreman for the farm. Richard R. Wright, Jr., received the first baccalaureate degree from the College in June 1898. During Wright's presidency, Presidents William McKinley (December 1898) and William Howard Taft (May 1, 1912) visited the campus. During Cyrus G. Wiley's (GSIC Class of 1899) tenure (1921-26), women were admitted as boarders, and the College was established as a federal agricultural extension center.

Presidents

Richard R. Wright
1891-1921

Wendell G. Rayburn, Ph.D.
1980-1988

Cyrus G. Wiley
1921-1926

Wiley S. Bolden, Ph.D., Acting
1988-1989

Benjamin F. Hubert
1926-1947

William E. Gardner, Jr., Ph.D.
1989-1991

James A. Colston
1947-1949

Annette K. Brock, Ph.D., Acting
1991-1993

William K. Payne, Ph.D., Acting
1949-1950

John T. Wolfe, Ph.D.
1993-1997

William K. Payne, Ph.D.
1950-1963

Carlton E. Brown, Ph.D.
1997-2006

Howard Jordan, Ph.D.
1963-1971

Julius S. Scott, Ph.D., Interim
January-July 2007

Prince A. Jackson, Jr., Ph.D.
1971-1978

Earl G. Yarbrough, Sr., Ph.D.
2007-2011

Clyde W. Hall, Ph.D., Acting
1978-1980

Cheryl D. Dozier, DSW, Acting
2011 -

Location

Savannah State University is located approximately five miles east southeast from the center of beautiful, historic Savannah, the original European settlement in Southeast Georgia, founded by James Oglethorpe in 1733. Savannah today is an extraordinarily attractive and busy port city with nearly 200,000 inhabitants. Nearby are historic and contemporary sea resort islands of St. Simons, Jekyll, and Hilton Head, South Carolina. Daufuskie, home of the famed Gullah culture, a blend of early African and American ways of life, language, and music, is nearby. Tybee Island lies to the east and is noted for its easy-going life style and sport fishing. The general environment is replete with abundant historic and contemporary tourist and outdoor attractions, including wildlife refuges, museums, heritage preserves, and numerous other attractions. Historically, the region was noted for its rich rice and cotton production as well as its lively pirate trade. Many believe Savannah, with its exemplary urban renewal and historic preservation record, is the ultimate Southern hostess city.

The campus itself lies on a stunning site adjacent to the inland waterway near the estuary of the Savannah River and proximate to the Atlantic coast. Several of the university's major buildings overlook the open marsh and peaceful tidewater flood plain while others center on the two beautifully landscaped quads of native foliage. A temperate climate encourages year-round outdoor activities with mean high temperatures ranging from the low 50s for December/January to the 80s for July/August.

Savannah State University is accessed from north/south Interstate 95 and east/west Interstate 16. A beautiful, modern and convenient Savannah/Hilton Head International Airport makes the region accessible from anywhere in the USA. Nearby cities include Atlanta, Georgia; Jacksonville, Florida; Charleston, South Carolina; and Charlotte, North Carolina.

Academic Information

Mission

Academic Affairs promotes excellence in teaching, scholarships and service. The division fosters a student centered learning environment grounded in a liberal education. Academic Affairs nurtures a community of learners committed to ethical behavior, intellectual curiosity, personal growth, accountability and global involvement.

University Library

The Asa H. Gordon Library offers a variety and wealth of informational resources and services to the university community. The library ensures access to resources to serve both the research and general needs of undergraduates, graduate students, and faculty through its collections of print and electronic journals, GALILEO databases (a project funded by the Board of Regents of the University System of Georgia), interlibrary loans, a reference collection, and archival materials that relate to Savannah State University's history.

The library houses and provides access to approximately 190,209 volumes of books, 30,000 bound periodicals, 548,273 microforms and print periodical subscriptions, 4,000 audio visual materials, various educational media materials including television monitors, projectors, and distance learning facilities, and over 240 electronic databases including JSTOR. The library also has study and conference rooms that are equipped with computers with access to the Internet along with printing capabilities. The Gordon Library is centrally located within close proximity to all institutional facilities on campus. Access to the library is provided through two main ground level entrances. The east entrance is ADA accessible and is equipped with an entrance ramp and an automatic door. A newly renovated cafe is found on the first floor and provides an informal area for patrons to enjoy food and drink and quiet individual or group study. Students have access to over 75 computers located in study rooms, the computer lab and the reference area of the library.

In addition to its resources and collections, the library also offers services and programs desired by the faculty, staff, and students of Savannah State University. The library is the most reliable point of access for needed materials and information. The library's online catalog is located at <http://gil.savannahstate.edu>. The Voyager system, an integrated automated library system, enables patrons to access the library catalog 24/7 anywhere there is an Internet connection. Through interlibrary loan services, patrons may obtain materials that are not owned by the library or through GIL Express, a resource sharing initiative that allows students, faculty, and staff to borrow all eligible circulating materials at all 35 USG libraries. Faculty course reserves services are available for monographs, articles, and other instructional materials and electronic reserves services are also available and provide access through the library's catalog. Reference services are provided by librarians who assist patrons in locating and evaluating information to meet their research needs. Also the library provides instruction to any class offered at Savannah State University. Through this service, the objectives for Information Literacy Instruction and support for E-learning courses is also provided. The library has a well-trained staff available to assist the campus community at all times during the hours of operation.

University College/Center for Academic Success

Higher Levels of Achievement - Greater Levels of Success

Savannah State University is designated by the University System of Georgia Board of Regents as an "Access Institution." As a result of this designation the University is charged with providing an opportunity for individuals to earn a college degree, who may have difficulty entering college because of various cultural, psycho-social and socio-economic issues which have been shown to have a direct impact on their level of educational ability to attain a college degree.

The creation of the Savannah State University, "University College" (UC) is predicated on the "access" component of the mission of Savannah State University. The focus of University College and the services provided by the Center for Academic Success (CAS) are directly connected. These two entities together support the enrollment growth, retention and persistence goals of the University.

University College/Center for Academic Success provides comprehensive academic support classes, services and resources specifically designed to enhance student academic achievement and success. Resources provided include: specialized advisement, testing and tutoring services. UC/CAS assists students with developing a roadmap for success as they pursue their personal and academic goals at Savannah State University.

In addition, University College/Center for Academic Success addresses college readiness through its involvement in the oversight of Savannah State University's partnership with the Savannah Chatham County Public Schools' Early College program, the traditional dual enrollment programs and the Move on When Ready program for high school students taking college classes.

UNIVERSITY COLLEGE

University College at Savannah State University provides access to those individuals seeking to earn a college degree at a University System of Georgia institution, who for various reasons are unable to meet the minimum requirements for admission.

Students admitted into University College must take the COMPASS Placement Exam, exit all required Learning Support classes, successfully complete 30 hours of core courses and make up any CPC deficiencies. Upon completion of these requirements students will be certified to fully transition into Savannah State University into the degree program of their choice.

UNIVERSITY COLLEGE (UC) ADMISSION REQUIREMENTS

- No separate admission application will be required.
- A high school diploma or general education development credential (GED) is required.
- All students conditionally accepted through University College must take the COMPASS placement test in the required subject areas.
- Admission to University College is conditional until prospective students have taken and passed the required sections of the COMPASS placement exam.
- Conditionally admitted students taking all parts of the COMPASS Placement Exam must pass 1 out of the 3 sections and must make at least the minimum score on all other sections in order to be fully admitted into University College. (See the Test Requirements for University College)
- If a conditionally admitted student fails all three (3) sections of the COMPASS Placement Exam or if they make below the minimum score they cannot be admitted into University College. (See Test Requirements for University College)
- All academic advisement, counseling and testing will be provided by the Center for Academic Success.
- High school GPA requirement of 2.0 (if graduating with college preparatory diploma) or high school GPA of 2.2 (if graduating with technology preparatory diploma)
- Satisfactory completion of the 16 units required for a College Preparatory (CPC) diploma and a minimum 2.0 High School GPA
- Satisfactory completion of the 13 units required for a Technical/Career Preparatory (TCC) diploma with a minimum 2.2 High School GPA
- English: 4 Units
- Mathematics: 4 (2 Units Algebra; 1 Unit of Geometry; 1 Unit of Senior Math)
- Science: 3 Units
- Social Science: 3 Units
- Foreign Language: The same foreign language, 2 Units
- Students who meet admission criteria for "Limited Admit" status and are denied admission due to SSU enrollment cap will be automatically considered for University College.
- All missing CPC units must be made up and do not count toward graduation. A grade of C or better is required for CPC credit.

TEST REQUIREMENTS FOR UNIVERSITY COLLEGE ADMISSION

- Students must take the COMPASS Placement Test(s) in the required area(s) of English, reading and mathematics (college algebra).
- There is no cost for the initial test in all areas.
- Students are eligible for a one-time retest within in 3-5 business days of the initial test.
- The retest fee at SSU is \$10.00for each retest. (Cash or Money Order Only – payable to Savannah State University) Fees may vary at other test sites.
- Written permission to test at another location must be granted by the SSU Testing Office. For more information call: 912-358-4487 or email testing@savannahstate.edu.
- The minimum score requirements for the COMPASS Exam are as follows:
 - Reading = 62
 - Writing = 32
 - Math = 20

Exemption from COMPASS Placement Exam

Students who have SAT or ACT scores may exempt the COMPASS placement test(s) if they meet the following requirements:

- SAT Verbal/Critical Reading score of 430 or an ACT English score of 17 and completion of the College Preparatory Curriculum in English in high school to exempt placement testing in LS English and reading;
- SAT Math exam score of 400 or ACT Mathematics score of 17 and completion of the CPC in math to exempt placement testing in math.
- The SAT or ACT scores used to exempt placement into LS must be from a national administration of the test and not be more than five years old.
- All University College students must satisfy all Learning Support and CPC requirements and complete 30 hours of prescribed core courses with a minimum GPA of 2.0 and before being considered eligible to transfer into an associate degree or baccalaureate degree program in the academic college that has their major.

ACADEMIC ASSISTANCE

Academic Advisement

Professional academic advisors assist with planning course schedules and registration for University College students, freshmen student-athletes, undeclared majors and students taking Learning Support courses, to ensure that students get on the right track and stay on track for academic success.

Tutoring Services

Peer and professional tutors are provided free of charge for all Learning Support and core curriculum courses to all University students. Tutors for higher level and major courses are also available in Biology, Chemistry, Accounting, Finance and Statistics. Additional courses are added upon request from students and faculty. Tutors are available seven days per week and four evenings per week.

Academic Support Studies

University College/Center for Academic Success Support Studies department provides instruction in Learning Support reading, english, and math courses designed to prepare students for success in college level course work. Regents' skill courses in reading and writing are also taught in this department and are designed to provide students with a general review of the skills needed to satisfy the Regents' Test requirements. Students can also get help with study skills, on-line assignments and on-line resources that will help them be successful in their classes.

Academic Computer Labs

Academic Computer Labs are open seven days per week including evening and weekend hours. Faculty, staff and peer tutors working in the labs are trained to assist students with instructional technology needs and questions pertaining to on-line, hybrid and web based assignments and supplemental instruction tools. These labs are open to all university students.

Learning Support Curriculum

The Learning Support courses provide students with an opportunity to strengthen their skill levels in reading, math, oral and written communication before taking on the full challenge of academically rigorous courses. Learning Support courses are specifically designed to address these skill areas. Classroom instruction is accompanied by laboratory experiences, tutoring and academic testing as needed. For a description of these courses, see "Student Academic Assistance" under "Course Descriptions".

Students required to enroll in Learning Support courses have demonstrated deficiencies in english, reading, and mathematics as indicated by their performance on the University System of Georgia (UGA) placement examinations which includes the Computer Assisted Adaptive Assessment (COMPASS). Scores on the COMPASS placement sub-tests determine placement in Learning Support courses.

Entering students who fall into this category are University College, limited admit and non-traditional students. These students may be required to take one or more of these courses.

University College (UC) students are those students with pre-college deficiencies who would normally attend a two-year college and then transfer to a state university.

Non-traditional students who graduated from high school at least five years ago and who may have completed up to 15 college credits are considered non-traditional students. These students are exempt from the SAT/ACT admission criteria. Instead, they must sit for the USG placement examinations.

Limited admit students are students who did not meet regular admissions requirements.

Presidential exceptions are recent high school graduates who, in very special and rare circumstances, the President of the University may grant exceptions to the CPC and FI requirements.

Students who fail to satisfy either portion of the USG's placement examinations must enroll in corresponding Learning Support courses in mathematics, reading and/or english. Scores on the COMPASS placement sub-tests determine placement in Learning Support courses.

Policies and Requirements

Scores on the COMPASS placement sub-tests determine placement in Learning Support courses.

Students who score below 22 on the math sub-test are placed in the entry level course MATH 0097.

Students who score 23 and above but below 37 are placed in the exit level course MATH 0099.

Students who score below 60 on the English sub-test are placed in English 0099 an exit level course.

Students who score below 74 on the reading sub-test are placed in READ 0099, also an exit level course.

Students shall have three semesters or three attempts per area to develop requisite skills, provided that they consistently demonstrate satisfactory academic progress.

Students who fail to exit any one or more courses within the time allotted shall be suspended for three semesters or one full academic year from Savannah State University and any other unit of the University System of Georgia.

Students may appeal the suspension, provided they have only one Learning Support area to complete which must be an exit level course), have a class average of at least a "B" or above, and obtain a letter of recommendation from their recent instructor of the course that needs to be completed.

If the student fails to pass the course after the appeal, the student may submit a second appeal provided they again meet the criteria for an appeal. If the students' appeal is approved for the second time, they must enroll only in their Learning Support course.

If the student fails to exit their Learning Support course after the second appeal, they will be suspended for three semesters as previously stated.

Any developmental students whose academic standing is less than that which is accepted by the University are subject to academic suspension even though they may not have exhausted all three attempts.

Students who are enrolled in credit courses are governed by the University's policy on academic standing.

After a three-year semester suspension, students may reapply for admission, subject to meeting the institution's requirements for readmission.

Any student readmitted may choose to be retested on the COMPASS placement test and placed accordingly in the appropriate courses or the student may re-enroll in the course that they failed.

Students may not accumulate more than 30 hours of degree credit before completing their Learning Support requirements.

Students who have accumulated 30 credit hours or more and who have not successfully completed the required Learning Support courses may enroll only in their Learning Support classes until the requirements are successfully completed.

Students must subscribe to the campus webmail to remain connected to their Learning Support advisor and to remain abreast of the preceding Learning Support and academic status issues. Hard copies of letters will not be mailed each semester.

No degree credit will be awarded for Learning Support course work. Institutional credit only will be awarded.

Students in an exit level (0099) course who maintain a "C" average or better throughout the semester are eligible to sit for the exit examination(s). To exit the mathematics program, students must earn a scaled score of 37 or higher on the post-COMPASS.

To exit the reading program, students must earn a scaled score of 74 or higher on the post-COMPASS.

To exit the english program, students must pass a Writing Assessment as well as earn a scaled score of 60 or higher on the post-COMPASS. Students who earn a passing score on any part of the English post- examination need not retake that part during subsequent semesters.

No students will rewrite the Final Writing Assessment unless documentation supports that the test environment was not conducive to testing. However, students may appeal the Final Writing Assessment, provided that the students' writing sample received at least one passing rating out of three and that the students maintained an overall class average of "B" or above.

Any student who scores within five points of the minimum passing COMPASS score for a subject area (math, reading or english) is eligible to retest, whether the examination is a placement or post-examination.

The following final grades will be issued:

S (Satisfactory)	Met all requirements in MATH 0097. Recommended for MATH 0099
A%, B%, C%	Satisfied class work in an exit level 0099 course and passed COMPASS.
IP% (In Progress)	Met requirement to take exit examination(s) (COMPASS and/or Writing Assessment), but did not pass. Must enroll in course again.
I%	Incomplete grade due to non- academic reasons
F % (Failure)	Student failed class work. Must repeat course.
W% (Withdraw)	Student withdrew without penalty before the deadline.
WF% (Withdraw, Failing)	Student withdrew from a course after the deadline for penalty and was failing at time of withdrawal.

A student cannot drop/withdraw from a Learning Support (LS) course without withdrawing from the university. If a student withdraws from a learning Support course before mid-semester, his/her entire registration will be cancelled. This practice is to ensure that no LS students earn more than 30 credit hours while he/she is enrolled in LS course(s).

If a student does not report to any LS class before the deadline to report NAs (students who never attended class), the student will be reported as NA to the Registrar, and his/her entire registration will be cancelled.

In order for a student to be assigned a grade of "I%" a student must be in good academic standing and experiencing extenuating circumstances that preclude the student from completing course requirements.

A **WF** is assigned to a student who stops attending class after mid-semester. A **WF** is counted as a semester attempt.

Course Restrictions

- Any student needing a READ 0099 course cannot enroll in college level social, natural, or physical science courses or college-level english until remedial reading requirements have been satisfied. However, a student must still fulfill his or her CPC deficiencies in social science, natural science, etc. **Courses used for CPC deficiency do not count as part of the core curriculum.**
- Any student needing Mathematics 0099 cannot enroll in college level mathematics, physics, chemistry, or any science courses with a prerequisite of college-level mathematics until remedial mathematics requirements have been satisfied.
- Any student enrolled in ENGL 0099 cannot enroll in college-level English.
- These restrictions mean that "limited admit" students are not guaranteed a full class load as may be required to qualify for some forms of financial aid.

All students enrolled in Learning Support courses are advised by professional advisors in UC/CAS.

Limited Admit students who place in Learning Support courses transfer to the college that offers their majors upon completion of their Learning Support courses.

University College students are advised by professional academic advisors in UC/CAS until they complete their Learning Support requirements and accumulate 30 hours of college credit and a minimum 2.0 grade point average. Upon completion, they transfer to the academic college that offers their major.

REGENTS' TESTING AND PREPARATION PROGRAM

- All institutions under the University System of Georgia shall ensure that students obtaining a degree from a USG institution possess certain minimum skills in reading and writing. Students must satisfy the Regents' Writing (RGTW 0199) and Reading Skills (RGTR 0198) requirement by taking the Regents' Preparation courses and passing the Regents' Test.
- The Regents' Test (reading and writing) is designed to provide a method for satisfying the USG mandated Regents' Writing (RGTW 0199) and Reading Skills (RGTR 0198) requirement. The formulation and administration of the Regents' Test and the Regents' writing and reading skills requirement are determined by USG Board of Regents as listed in the Academic Affairs Handbook. Both sections of test are taken at one time. The writing section is taken first.

Description of the test

- The Regents' Reading section of the test is a multiple-choice test taken in one hour. This test consists of a series of reading passages with five to eight questions about each passage. The passages cover a variety of subjects (for example, social science, math, natural science, humanities, etc). No dictionaries or other aids while taking this section of the test.
- The Regents' Writing section of the test is a one-hour essay. Students are asked to write an essay on one of four topics. A dictionary may be used during the last 15 minutes of the Writing section of the test.

Regents' Test Administration

- The Regents' Test is given once each semester at a time specified by the University System (USG) Board of Regents.
- Initially, **all students, including transfer students**, must take both sections of the test at the same time the first semester they are enrolled in an USG institution.
- Failure to register for the Regents' Test or to not report for testing on the scheduled date and time will be counted as an **Administrative Failure** which is equal to not passing the test.
- If a student passes one section of the test but not the other, the student must retake the section that was failed.
- Students in Learning Support English or Reading must take the Regents' Test in the semester after they have exited Learning Support English and/or Reading.
- The Regents' Test may be taken only once per semester. Students should take the test at the institution where they are currently enrolled.
- Any attempt to take the Regent's test more than once during any given semester will result in the cancelation of all scores.

Regents' Skill Courses

- Students must successfully complete the appropriate course(s) before sitting for the Regents' Test depending on which portion of the test students have failed. A description of The Regents Preparation Courses, RGTR 0198 Regents' Reading Preparation and RGTE 0199 Regents' Essay Preparation can be found in the "Description of Courses" section of the Savannah State University catalog.
- Students requiring Regents' Test Skill Preparation courses will have a hold placed on their registration account that will be lifted after successfully passing both sections of the Regents' Test. To insure placement in the appropriate courses, students will not be able to complete course registration online (PAWS). **These students must see their advisor and complete a course planning sheet signed by the advisor to complete the course registration process.**
 - *Students enrolled in one preparation course may register for no more than nine additional credit hours.*
 - *Students enrolled in two preparation courses may register for no more than six additional credit hours.*
 - *All students whose unexcused absences exceed the number of credit hours for the course(s) will be administratively withdrawn from the University. In other words, their entire registration will be canceled for the semester.*
 - *Students who wish to appeal the policy of withdrawal should contact the Center for Academic Success.*
 - *Students who fail to exercise these options are required to enroll in the appropriate preparation course in the next semester enrolled and are limited to register for no more than three additional credit hours (if one preparation course is required) or zero additional credit hours (if two preparation courses are required).*
 - **Remember: The Regents' Reading and Writing Skills Preparation Courses are offered for institutional credit only.**
- Savannah State University students who may be jointly enrolled at other USG schools are required to take their Regents' Test Preparation Courses at Savannah State University unless permission is otherwise granted by the Office of the Registrar with approval from the Coordinator of Testing in the Center for Academic Success.
- Students who receive a score of "**low-failure**" on one or both parts of the Regents' test are required to be enrolled in the appropriate Regents' Skill course(s) the next semester, even if this is the first time a student has taken the Regents' Test.
- The decision to rate a student's failing score as a "low-failure" is made by the officials who are involved in the scoring of the tests for the USG Board of Regents. The score report is sent to the testing office at each institution.

- After the **2nd failure** of one or both parts of the Regents' Test, students are required to be enrolled in the appropriate Regents' Skills course(s).
- Students receiving two (2) **Administrative failures** as defined above are also required to be enrolled in the appropriate Regents' Skill course (s) the following semester.
- Students enrolled in the Regents' Skill courses must satisfy all the requirements for the course in order to be allowed to take Regents' Test that semester. Failure to enroll in the appropriate Regents' Skill course will also be counted as **Administrative Failure**.
- Failure to enroll in the appropriate Regents' Skill course(s) may also result in disciplinary action ranging from reprimand to cancellation of registration or suspension, depending upon the severity of the noncompliance.
- All students must satisfy the Regents' Test requirements in order to receive a baccalaureate degree from a University System of Georgia college or university.
- *The rules above supersede and eliminate the previous 45 hour rule regarding the mandatory enrollment in the Regents' Skill course(s).*

Registration Procedures for the Regents' Test

- Students should register for the Regents' Test during the advisement and registration period each semester.
- Failure to register for the Regents' Test or to report for testing at the scheduled time will be counted as an **Administrative Failure** which is **equal to not passing the test**.
- The Regents' Test schedule is included on the course schedule. The test is offered once per semester. The actual test dates for the Regents' Test are listed on the SSU Academic Calendar.

Student Responsibility

- Students are responsible for complying with all policies regarding the Regents' Test. Failure to register for the Regents' Test or to not report for testing at the scheduled date and time will be counted as an Administrative Failure which is equal to not passing the test.

SPECIAL CATEGORIES OF STUDENTS

Transfer Students

All transfer students transferring to Savannah State University are required to take the Regents' Test during the first semester they are enrolled and each subsequent semester until they have passed Regents' Test.

Students whose native language is not English

Students whose native language is other than English can choose to take the **English Competency Test for International Students** in lieu of the Regents' Test. (Such students are subject to all of the other provisions of the Regents' Test policy regarding eligibility and remediation.)

Former Students

Students who failed the Regents' Reading section of the test before Fall Quarter 1980, shall not be held to a higher passing standard at a subsequent retaking of the test than was in effect at the time of their original attempt. All students, regardless of when they entered the system, must pass or exempt the Regents' Skills Preparation courses as a requirement for graduation.

Students Residing Out of State

Students who live out of state may be permitted, upon approval from the Regents Testing Program Office to have the Regents' Test administered out of state. They must have fulfilled all course requirements for graduation and follow the procedures outlined in the Regents' Testing Program Administration Manual.

EXCEPTIONS

Students holding a baccalaureate or higher degree from an accredited institution of higher education are not required to complete the Regents' Test to receive a degree.

EXEMPTIONS

Students may exempt RGTR 0198 by scoring at or above specified scores on the following examinations:

- Regents' Test Reading section exemption score: 61
- SAT Critical Reading exemption score: 510
- ACT Reading exemption score: 23
- SAT Reasoning Test, Writing Section exemption score: 560 (effective Spring 2007)

(SAT or ACT scores must be from a national administration. Scores from institutional SAT or residual ACT tests will not be acceptable for this purpose.)

Students may exempt RGTE 0199 by scoring at or above specified scores on the following examinations:

- Regents' Test Writing essay exemption score: 2
- College Board Advanced Placement (AP) English Language and Composition Exemption score: 3
- College Board Advanced Placement (AP) English Literature and Composition exemption score: 3
- International Baccalaureate (IB) higher-level English exemption score: 4
- SAT II English Writing exemption score: 650

The following four exemptions are not available for students entering the system after Spring 2008 or later:

- SAT Critical Reading exemption score of 530 for students who earn an "A" in English 1101 (only applies to students enrolled Spring 2008 or earlier.)
- SAT Critical Reading exemption score of 590 and above for students who earn a "B" in English 1101
- ACT English exemption score 23 and above for students who earn an "A" in English 1101
- ACT English exemption score 26 and above for students who earn a "B" in English 1101

SPECIAL ADMINISTRATION OF THE REGENTS' TEST

Students with Disabilities or Other Documented Needs

A diagnosis of learning disability and or physical disability must include evidence of a discrepancy between ability and achievement in the area affecting test performance and must be consistent with the definition and criteria for evaluation provided in Section 2.22 of the Academic Affairs Handbook. The documentation for each student is to be evaluated and maintained by the institution.

Students with Visual, Hearing, or Motor Impairment

An alternative means of exempting or examining students with visual, hearing, or motor impairment may be used. Such examination shall equal the standards of the Regents' Test. In most cases, a Regents' Test would be administered with accommodations determined by the institution on the basis of the student's needs.

The Regents' Reading Test administration for a student with a visual, hearing, or motor impairment should correspond as closely as possible to the student's usual means of obtaining information from text. A visually impaired student, for example, could use the Braille, large-print, recorded or text-to-speech version of the Reading Test. If it is necessary for the Reading Test to be scored locally rather than submitted to the Regents' Testing Program Office for scoring, a test form designated by the Regents' Testing Program Office may be used.

If a student with a visual, hearing, or motor impairment is unable to handwrite an essay on the regular Essay Test form for rating, the essay may be copied to the regular Essay Test form by a proctor and submitted to the Regents' Testing Program Office for rating. The Regents' Testing Program Office cannot obtain ratings for essays that are not written on the regular test form or that are otherwise identifiable as special administrations.

The Regents' Testing Program Office does not have to be informed when a student with a visual, hearing, or motor impairment takes or passes an alternative test. However, the student record system must indicate that alternative procedures have been used. The documentation for each student is to be evaluated and maintained by the institution and summarized in the institution's Annual Report on Learning Disorders.

Allowable Accommodations and Restrictions

The accommodations that may be made are limited to the following:

- extended time
- separate room for test administration
- large-print test format
- use of a word processor, typewriter, or scratch paper for composing the essay (The student must handwrite the essay on the regular essay form for grading, or, if the student's diagnosis indicates an inability to copy the essay, the test administrator or proctor must copy the essay as written by the student with no changes and send both the original and copied essay to the Regents' Testing Program Office.)
- Specialized software may be used to read an essay to the student (If the student's diagnosis indicates a visual processing deficit that prevents the student from reading his or her own essay accurately, the proctor may read the essay aloud exactly as written while the student makes corrections to the essay.)
- transcription of reading test responses to the scanner sheet

Essays must be rated through the usual rating process, which does not allow for the provision of any information about the student to the raters. Raters cannot be asked to take a student's disabilities into account when rating an essay. Instead, appropriate modifications in the test administration process must allow the student's essay to be rated through the usual process.

All test administrations must meet the following conditions

- The essay and Reading Test responses must be submitted to the Regents' Testing Program Office for scoring.
- The product submitted must be in the standard format for grading: the essay must be handwritten on the regular essay form with no extra paper, and the Reading Test responses must be recorded on the student's scanner sheet. Except as indicated above under allowable exceptions for students who are unable to copy or read their own essays, the product submitted for grading must be produced by the student with no assistance provided or changes made by any other person.
- Tests must be administered under secure conditions, and all work must be completed under supervision.

Accommodations other than those described above may be made only upon recommendation of a Regents Center for Learning Disorders. The Center will make recommendations for students with learning disabilities or acquired brain impairment. The procedures used by the Center are described in Section 2.22. The Regents' Reading and Writing Skills courses may not be waived for students with disabilities. However, appropriate accommodations will be provided.

APPEALS OF FAILING SCORES**Appeal of a failing Writing score**

A student may request a formal review of the Writing Test if that student's essay received at least one passing score among the three scores awarded. Students who wish to appeal should contact the Center for Academic Success. The review procedures shall be as follows. A student should initiate the review procedure within the first three weeks of his or her first semester of enrollment after the semester in which the Writing Test was failed. If this deadline is missed, students may initiate an appeal within one calendar year from the semester in which the failure occurred.

Appeal of a failing Reading score

There is no appeal process for the reading portion of the Regents' Test. However, students may request (at a fee of \$10) the hand scoring of the reading portion. The Regents' Reading section is machine scored twice prior to score reporting. Therefore, students should keep in mind that in the history of the Regents' Test, there has never been a successful overturn of a failing score on the reading portion.

UNIVERSITY-WIDE TESTING PROGRAM

University College/Center for Academic Success at Savannah State University serves as a national testing center for several entities. Tests administered include the Law School Admission Test (LSAT), Scholastic Aptitude Test (SAT Reasoning and Subject), American College Test (ACT), the College Level Examination Program (CLEP), DAN TES Test, COMPASS (Computer-Adaptive Placement Assessment and Support System) and the Regents' Test. UC/CAS administers institutional exams such as the Regents' Test, the Chemistry Placement, and COMPASS Exams (placement and exit). Proctored exam administration is also available.

A comprehensive description of the scope of services offered through the University College/Center of Academic Success is located on the CAS website (<http://cas.savannahstate.edu/default.htm>).

ROTC

Through the University's Army and Naval ROTC Programs, Savannah State University students can prepare for commissioned service as regular or reserve officers in the Army, Army National Guard, Navy, or Marine Corps, commensurate with earning their degree. The Army and Naval ROTC Programs constitute an academic minor in military and naval science, respectively. For further information contact Army ROTC at (912) 358-4270, located in Hubert Tech, C-Wing, Room 305; or contact Navy ROTC at (912) 358-3089, located in the NROTC building.

Teacher Education

The School of Teacher Education (SOTE) is the University's newest academic unit. On February 9, 2011, the Board of Regents approved Savannah State University to offer Bachelor of Science Degrees in Biology and Mathematics with secondary teaching certification. After completing preconditions requirements for program approval by the Georgia Professional Standards Commission, SOTE anticipates enrolling students fall 2013.

International Education Center

The International Education Center is the vehicle through which international education is promoted at Savannah State University. The main goal of the International Education Center is to enhance the international and intercultural experiences of Savannah State students and the Savannah State community through study abroad programs, participation in international conferences, promotion of faculty exchanges, organization of cultural events, and lectures from foreign scholars.

Savannah State University provides students with a multitude of opportunities to study abroad while earning academic credit toward completion of degree requirements. The University's International Education Center (IEC) offers students access to study abroad in several countries to include Brazil, Costa Rica, Egypt, Ghana, Nigeria, and Trinidad and Tobago.

Some of the study abroad programs are offered by other University System of Georgia institutions. System institutions generally open their programs to all undergraduate students from any member institution with a minimum cumulative GPA of 2.5; however, certain programs may require a higher GPA and completion of pre-requisites. Students in the University System of Georgia who are eligible for financial aid may use that aid toward study abroad. A limited number of study abroad scholarships are available.

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

The International Education Center also provides services to an ever growing number of international students from close to 40 different countries. The Center is organized to assist these students with orientation, advisement, processing paperwork, as well as adjustment to Savannah State University and to the Savannah area.

For further information, contact the International Education Center (IEC) at (912) 358-4152, located in the Colston Administration Building, Room 116.

Academic Renewal for Returning Students

Academic Renewal policy established by University System of Georgia allows Savannah State University degree-seeking undergraduate students who have experienced academic difficulty to have one opportunity to make a fresh start at Savannah State University after an absence of five consecutive calendar years. Former Academic Assistance or Learning Support students may apply for academic renewal only if they have successfully completed all Student Academic Assistance or Learning Support requirements before the commencement of the five-year period of absence.

All previously attempted course work continues to be recorded on the official transcript. For a complete statement of this policy, see "Academic Renewal for Returning Students" under "Academic Regulations" of this catalog or the policy statement in the Office of the Registrar.

Academic Renewal allows re-calculating GPA and credit hours toward graduation, based exclusively on work completed after returning to the University. This policy is for undergraduate students who have acquired maturity through extended experience outside course enrollment in higher education institutions. Students who qualify for academic renewal must

- Not have enrolled for credit in any courses, offered by academic/postsecondary institutions (accredited by one of the organizations recognized by Council on Postsecondary Education Association) for at least five years after the enrollment period subject to academic renewal;
- Be undergraduates who have not been awarded an associate or bachelor's degree; and
- Request academic renewal status within two academic semesters of re-enrollment or within one calendar year, whichever comes first.

Academic Renewal Procedures and Implementation Issues

Course work and grades earned prior to a five-year (or longer) separation period will remain on the transcript.

In consideration of any course work completed after the period of separation, only Savannah State University course work and subsequent transfer work will be used in the calculation of the overall GPA. This GPA (overall GPA) will be used for admission to programs/majors requiring a minimum grade point average.

Academic credit for previously completed course work, including transfer course work, will be retained only for all courses in which an A, B, C, or S grade has been earned. Retained grades are not calculated in the academic renewal GPA. The course credit hours will count in the academic renewal hours earned.

Former Academic Assistance or Learning Support students may apply for academic renewal only if they successfully complete all Student Academic Assistance or Learning Support requirements before the commencement of the five years of absence.

Students who transfer from Savannah State University should recognize that the receiving institution is under no obligation to acknowledge the adjusted GPA. The receiving institution is expected to recognize only the cumulative GPA.

The academic renewal GPA will be used for determining academic standing and eligibility for graduation.

All courses will be considered in the implementation of the Board of Regents' Examination and College Preparatory Curriculum policy requirements.

Academic renewal can be approved only once. Once academic renewal is requested and approved, it cannot be reversed.

All courses will be considered for the determination of financial aid and/or veterans benefits.

To earn a degree, students must meet Savannah State University's residency requirements.

Past scholastic suspensions shall remain recorded on permanent records.

Academic Policy and Registration

Definition of Legal Residence

Regents' Policies Governing the Classification of Students for Tuition Purposes

The following policies have been adopted by the Board of Regents for the purposes of determining the tuition status of students:

403.02 Classification of Students for Tuition Purposes

- If a person is 18 years of age or older, he or she may register as an in-state student only upon showing that he or she has been a legal resident of Georgia for a period of at least 12 months immediately preceding the date of registration.
Exceptions:
 - A student whose parent, spouse, or court-appointed guardian is a legal resident of the State of Georgia may register as a resident providing the parent, spouse, or guardian can provide proof of legal residency in the State of Georgia for at least 12 consecutive months immediately preceding the date of registration.
 - A student who previously held residency status in the State of Georgia but moved from the state then returned to the state in 12 or fewer months.
 - Students who are transferred to Georgia by an employer are not subject to the durational residency requirement.

- 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.
- If a parent or legal guardian of a student changes his or her legal residence to another state following a period of legal residence in Georgia, the student may retain his or her classification as an in-state student as long as he or she remains continuously enrolled in the University System of Georgia, regardless of the status of his or her parent or legal guardian.
- In the event that a legal resident of Georgia is appointed by a court as guardian of a nonresident minor, such minor will be permitted to register as in-state student providing the guardian can provide proof that he or she has been a resident of Georgia for the period of 12 months immediately preceding the date of the court appointment.
- Aliens shall be classified as nonresident students, provided, however, that an alien who is living in this country under an immigration document permitting indefinite or permanent residence shall have the same privilege of qualifying for in-state tuition as a citizen of the United States.

Waivers: An institution may waive out-of-state tuition for:

An institution may waive out-of-state tuition and assess in-state tuition for:

- Academic Common Market. Students selected to participate in a program offered through the Academic Common Market.
- International and Superior Out-of-State Students. International students and superior out-of-state students selected by the institutional president or an authorized representative, provided that the number of such waivers in effect does not exceed 2 percent of the equivalent full-time students enrolled at the institution in the fall term immediately preceding the term for which the out-of-state tuition is to be waived.
- University System Employees and Dependents. Full-time employees of the University System, their spouses, and their dependent children;
- Medical/Dental Students and Interns. Medical and dental residents and medical and dental interns at the Medical College of Georgia (BR Minutes, 1986-87, p. 340);
- Full-Time School Employees. Full-time employees in the public schools of Georgia or of the Department of Technical and Adult Education, their spouses, and their dependent children. Teachers employed full-time on military bases in Georgia shall also qualify for this waiver (BR Minutes, 1988-89, p. 43);
- Career Consular Officials. Career consular officers, their spouses, and their dependent children who are citizens of the foreign nation that their consular office represents and who are stationed and living in Georgia under orders of their respective governments.
- Military Personnel. Military personnel, their spouses, and their dependent children stationed in Georgia and on active duty, unless such military personnel are assigned as students to System institutions for educational purposes;
- Research University Graduate Students. Graduate Students attending the University of Georgia, the Georgia Institute of Technology, Georgia State University, and the Medical College of Georgia, which shall be authorized to waive the out-of-state tuition differential for a limited number of graduate students each year, with the understanding that the number of students at each of these institutions to whom such waivers are granted shall not exceed the number assigned below at any one point in time:

• University of Georgia	80
• Georgia Institute of Technology	60
• Georgia State University	80
• Medical College of Georgia	20

- Border County Residents. Residents of an out-of-state county bordering a Georgia county in which the reporting institution or a Board-approved external center of the University System is located.
- National Guard Members. Full-time members of the Georgia National Guard, their spouses, and their dependent children. (BR Minutes, April, 1998, pp. 16-17);
- Students enrolled in University System institutions as part of Competitive Economic Development Projects. Students who are certified by the Commissioner of the Georgia Department of Industry, Tourism and Trade as being part of a competitive economic development project;
- Students in Georgia-Based Corporations. Students who are employees of Georgia-based corporations or organizations that have contracted with the Board of Regents through University System institutions to provide out-of-state tuition differential waivers;
- Students in Pilot Programs. Students enrolled in special pilot programs approved by the Chancellor. The Chancellor shall evaluate institutional requests for such programs in light of good public policy and the best interests of students. If a pilot program is successful, the tuition program shall be presented to the Board for consideration;
- Students in ICAPP® Advantage programs. Any student participating in an ICAPP® Advantage program; and
- Direct Exchange Program Students. Any international student who enrolls in a University System institution as a participant in a direct exchange program that provides reciprocal benefits to University System students.

- Families Moving to Georgia. A dependent student who, as of the first day of term of enrollment, can provide documentation supporting that his or her supporting parent or court-appointed guardian has accepted full-time, self-sustaining employment and established domicile in the State of Georgia for reasons other than gaining the benefit of favorable tuition rates may qualify immediately for an out-of-state tuition differential waiver which will expire 12 months from the date the waiver was granted. An affected student may petition for residency status according to established procedures at the institution.
- Recently Separated Military Service Personnel. Members of a uniformed military service of the United States who, within 12 months of separation from such service, enroll in a program for teacher certification and demonstrate an intent to become a permanent resident of Georgia. This waiver may be granted for not more than one year.

Additional Resident Information

Individuals who enter Savannah State University as nonresident students but who wish later to qualify as legal residents must submit a Petition for Georgia Resident Classification, which can be obtained in the Office of the Registrar. Residence status is not changed automatically, and the burden of proof rests with students. Students are responsible for registering under the proper residence classification. Students classified as nonresidents who believe they are entitled to be reclassified as legal residents may petition the Registrar for a change in status. To avoid delay and inconvenience at registration, the petition must be filed no later than 60 working days prior to registration for the semester students are petitioning for in-state residence status.

Items to be included with Petition for Residency

A notarized statement verifying employment during the last 12 months should indicate dates of employment. Statements on company letterhead do not have to be notarized.

A copy of lease or deed showing residence during the last 12 months should be included. Leases or deeds in a name other than that of the student require a notarized statement of residence from the person holding the lease or deed.

Courses at Other Colleges

Savannah State University students who are concurrently enrolled in courses for credit at another institution may not transfer such credit to Savannah State unless the appropriate dean or his designated representative gives written authorization.

Grades

Grading System

The University uses letters to indicate quality of academic work. "A" is the highest grade; "D" is the lowest passing grade, except when a "C" is required. Grade distinctions and quality points values are:

Grade	Meaning	Point Value Per Credit Hour
A	Excellent	4
B	Good	3
C	Average	2
D	Poor	1
F	Failure	0
W	Withdrew	0
WF	Withdrew, Failing	0
I	Incomplete	0
P	Passing	0
S	Satisfactory	0
U	Unsatisfactory	0
IP	In Progress	0
V	Audit	0
K	Credit	0
NR	Not Reported	0

The grade “F” indicates a failure to meet the minimum requirements of a course.

Students who earn the grades of “D” or “F” in courses in Areas A and F of the core curriculum or Learning Support courses must repeat these courses. Additionally, students who earn grades of “D” or “F” in major, minor, or professional education courses must repeat these courses.

The following grades are not included in determining the grade point average.

W (Withdrawal) - This symbol indicates permission to withdraw without academic penalty. Such withdrawals will not be permitted after the mid-term (refer to Academic Calendar for mid-term date), except when students in good standing are experiencing hardships as determined by the Vice President for Academic Affairs.

I (Incomplete) - This symbol indicates that students were doing satisfactory work, but, for non-academic reasons beyond their control, were unable to meet the requirements of the course. Students may remove the “I” by completing the remaining requirements within two semesters of residence; otherwise, the Registrar will change the grade of “I” to the grade of “F.” Students are responsible for initiating the completion of requirements with the instructor.

S (Satisfactory) - This symbol indicates completion of requirements in Student Academic Assistance or the Regents' remediation course(s).

U (Unsatisfactory) - This symbol indicates failure to pass the Regents' Test and continued required enrollment in the Regents' remediation course(s).

IP (In Progress) - This symbol indicates satisfaction of Student Academic Assistance or Learning Support class work requirements but not of the Student Academic Assistance or Learning Support exit examination (CPE/COMPASS).

V (Audit) - This symbol indicates permission to sit for a course without receiving quality points or a grade other than “V.” Students may not transfer from audit to credit or vice versa. Students may register on a credit basis for a course that has previously been audited.

K (Credit) - This symbol indicates credit for the course via a credit by examination program approved by the faculty of the University. A “K” may be assigned for courses that have previously been audited if institutional procedures for credit by examination are followed.

NR (Not Reported) - This symbol indicates no grade reported by the instructor.

Reporting of Grades

At mid-semester and at the end of the semester, faculty members submit grade reports to the Office of the Registrar. At the end of each semester, grades are provided electronically which notes the grades and credit hours earned in each course in which they were enrolled, grade-point average for the semester, cumulative grade point average, and academic standing.

Mid-semester grade reports indicate deficiencies for students whose current work in a course is below the “C” level.

Students can access grade information on the Web “PAWS”. Information and directions to access the system can be obtained from the Registrar's office.

Calculating the Cumulative Average

Determinations of scholastic standing are generally based upon a cumulative grade point average, which appears on **each** student's permanent record. The cumulative grade point average is calculated by dividing the total number of grade points or quality points earned in academic courses by the total number of academic credit hours attempted at Savannah State University. Credits earned at other institutions, credits by examination, credits that carry S/U grades, institutional credits, and credits specifically excluded by University policy are not used in computing the cumulative grade point average.

Repeating of Courses

Students may repeat courses in which grades D, F, or WF were earned. Only the last grade will count in computing the grade point average for undergraduate degree requirements. Courses may be repeated anytime before the first degree is awarded. The student can select the courses eligible to be repeated as long as these courses meet the requirements below:

- The student must have earned a grade of D, F, or WF in the course.
- Degree hours will be applied only once toward graduation requirements.
- Students may not repeat any courses for credit in which they have earned a grade of C or better. The student should be aware that the grade of D, F, or WF from any previous attempts will remain on the transcript. The previous attempts will be noted but excluded from GPA calculations.

Students who are planning to apply for admission to graduate school should take note that most graduate/professional schools recalculate GPAs based upon all courses that students have attempted during their college career. Thus, any repeated courses may include both grades in consideration for graduate school admission.

Academic Forgiveness Policy

Students will be allowed to repeat a maximum of 12 credit hours for academic forgiveness; thereafter, any course(s) repeated will be calculated into the student's institutional overall grade point average. For example, after the 12 credit hours, a student who repeats a "D" and earned a "B" both grades will be calculated into the student's overall grade point average. Effective Fall semester, 2010.

Classification

Students are classified on the basis of earned academic credit hours as follows:

- Freshman - 30 or less credits
- Sophomore - more than 30 credits up to 60 credits
- Junior - more than 60 credits up to 90 credits
- Senior - more than 90 credits

Grade Challenges by Students

Students who feel that they have received an unfair grade in any course should meet with the instructor within 7 calendar days of the first day of class of the next semester (excluding summer) in an effort to reach a resolution. If no satisfactory resolution is reached, students may, within 7 days after meeting with the instructor, challenge the grade by writing a letter of appeal to the chair of the department in which the course was offered. If the instructor is also the chair of the department, the appeal letter should be addressed to the dean of the College in which the course was offered. This procedure must be accomplished within 14 days of the first day of classes of that semester. If a resolution satisfactory to the student is not reached, the department chair or college dean may appoint a review committee (exclusive of the dean, department chair, and the instructor). The review committee, after hearing both the instructor and the student, submits its report and recommendation(s) to the chair, dean, or director of division, who then submits the report and recommendation to the Vice President for Academic Affairs. Upon accepting a recommendation to change a grade or upon reversing a recommendation not to change a grade, the Vice President directs the Registrar to make the appropriate change. The Vice President or his designee shall communicate final decisions to students. In order for the department chair, dean, or director of division to grant a hearing, students must present adequate evidence of unfair grading.

Changes in Grades

Once a grade has been reported to the Registrar, it can be changed only if one of the following conditions are:

- The instructor presents to the dean of the college conclusive, documentary evidence that the grade was reported in error;
- The instructor follows the procedure of removal of an I (Incomplete) grade;
- The instructor follows the procedure of removal of an NR (Not Reported) grade; or
- A committee appointed to conduct a hearing of a student's challenge of a grade recommends a change, and the Vice President Academic Affairs accepts that recommendation.

Transcripts

The transcript is considered the official document of record of student's grade while in attendance at the institution. In accordance with the Family Educational Rights and Privacy Act of 1974, as amended (FERPA), transcripts normally are issued only at the request of the student. This request must be in person or in writing, and accompanied by the appropriate fee of \$4.00 per transcript, and verified by some type of I.D. card and/or driver's license.

The institution has a legal right to deny a transcript if a student has indebtedness to the institution. The amount of indebtedness leading to this sanction will be dependent on the office of Student Accounts.

Academic Probation and Suspension

Savannah State University is designed for serious-minded students who can profit from an institution of higher learning. Students who fail to fulfill the scholarship requirements of the Institution are subject to scholastic discipline. At the end of each semester, the Office of the Registrar computes cumulative grade point averages in order to determine the academic standing of all students.

- Students who earn a "D" or "F" in ENGL 1101, ENGL 1102, MATH 1111, or MATH 1113, or in any required major or minor course must repeat the course during the next term they are enrolled.

Stages of Progress Hours Attempted	Minimum Cumulative Grade Point Average
1-30	1.5
31-60	1.7
61+	2.0

- Students whose cumulative grade average at the end of any term is at or above the minimum grade point average for their appropriate stage of progress will be considered in *good standing*.
- Students will be placed on *academic warning* when their cumulative grade point average falls below the minimum grade point average for their stage of progress.
- Students on academic warning will be placed on *academic probation* if their grade point average is not raised to the satisfactory level for their stage of progress at the end of the term following the term of academic warning.
- Students who do not achieve the cumulative grade point average for their stage of progress, but who do maintain a 2.0 grade point average during their probationary term will *remain on probation for the next term* of attendance.
- Students who do not raise their grade point average to the minimum level for their stage of progress or who do not achieve a 2.0 grade point average during their probationary term will be *suspended* from the University and **must reapply for admission**.
- Students on probation cannot register for more than twelve hours which is still considered a full load; (1) must repeat all courses in which they earned the grade of "F" if these courses are prescribed in their curriculum; (2) must repeat all courses in their major and minor concentration in which they earned a grade of "D" or "F"; (3) must repeat ENGL 1101, ENGL 1102, MATH 1111, and MATH 1113 if they earned the grade of "D" or "F" in these courses; (4) must report to their academic advisor for counseling immediately after being notified of probationary status, and (5) will not be permitted to represent the University or hold office in any university organization.
- Students who do not remove probationary status within two terms will be suspended for one term unless they achieve a 2.00 average during the second term of the probation period. Thereafter, these students will remain on probation as long as they continue to earn a 2.00 average for each term of enrollment.
- Students who fail all of their classes during a given term or who withdraw from all of their classes without an approved withdrawal from the University will not be permitted to enroll for the succeeding term.
- Students will be considered for re-admission after one term following suspension.
- Students will be required to submit an application to the Registrar's office to indicate their interest in returning to the institution.
- Students who are interested in receiving Financial Aid, must submit an Appeal for Reinstatement of Financial Aid Form.
- Students who have been readmitted will be required to maintain a 2.00 GPA at the end of their first term back; however, those who maintain a minimum grade point average of 2.00 each term may continue on probation. Failure to fulfill these conditions will result in dismissal.
- After one year of suspension, those students who can convincingly demonstrate a change of attitude toward academic responsibilities may petition the Academic Committee of the University for readmission.

Degree and Graduation Requirements

Application for Graduation

All candidates for a degree must file a formal application for graduation with the Office of the Registrar. Candidates should apply two semesters preceding their expected graduation date that is January for December graduation, or September for May graduation. The Registrar will inform the academic departments when the application is filed. The department will conduct an audit and inform students of any remaining requirements. The Registrar conducts an independent audit to ensure that all degree requirements have been satisfied.

Graduation

Degrees will be awarded only to students who meet academic standards and residency requirements of an academic college. Degrees are conferred formally at commencement exercises at the end of the Fall and Spring Semesters.

Graduation with Honors

Graduation with honors requires a minimum attendance period of four semesters and completion of at least sixty hours at Savannah State University. In addition, students who graduate with honors must attain the following grade-point averages the entire period of attendance:

Baccalaureate degree		Associates Degree	
Cum Laude	3.40 – 3.59	Honors	3.50 – 3.79
Magna Cum Laude	3.60 – 3.79	High Honors	3.80 – 4.00
Summa Cum Laude	3.80 – 4.00		

Due to processing and final evaluation time constraints, Spring Semester grades for May graduation and Fall Semester grades for December graduation will not be used in computing the GPA for honors. After May and December graduations, the GPA is rechecked for honors qualifications; the honors designation will then be added to the record of students who qualify.

General Requirements for the Baccalaureate Degree

- To earn an associate and/or a baccalaureate degree in the same or different disciplines, all requirements for the associate degree must be satisfied at least two semesters before requirements for the baccalaureate degree are fulfilled. Conversely, a student graduating with a baccalaureate degree cannot receive an Associate of Science degree at the same time.
- A minimum of 120 semester hours, exclusive of the required health, physical education, and freshman orientation courses;
- A scholastic average of 2.0 or higher;
- Satisfactory completion of the minimum requirements of the Core Curriculum as outlined for Area A, B, C, D and E;
- Satisfactory completion of core courses (POLS 1101 and HIST 2111 or HIST 2112) designed to give students proficiency in United States and Georgia history and government;
- Satisfactory completion of the University System of Georgia Regents' Examination;
- A prescribed college or departmental major (such as business administration, chemistry, or engineering technology) or a major of at least 30 semester hours in one department and a minor of 15-21 hours, with no grade below "C" in major, minor, or special subject requirements. (15-30 hours of major courses must be taken in residence at this university);
- Residency Requirements: Regardless of the degree, students must earn at least 25 percent of their degree requirements in residence at Savannah State University. In addition, 50 - 60% of major requirements must be earned at Savannah State University.
- Completion of all the aforementioned requirements within eight calendar years. The University reserves the right to allow exceptions to the requirements when recommended by the chair of the department in which the student is majoring.

Note: Graduation requirements include a 2.00 minimum grade point average for undergraduate degrees. The computation of this graduation grade point average will include only the final attempt in courses that have been repeated. With the preceding exception, the grade point average will be computed in the manner prescribed in the Grading System and Calculating the Cumulative Grade Point Average sections of the general catalog. Credits earned at other institutions or by examination and courses with "S" or "U" grade are not used to compute the grade point average.

All incomplete grades for previous semesters must be received in the Office of the Registrar in writing thirty (30) days prior to the student's graduation date or completion of academic requirements. Students are responsible for seeing that incomplete grades are properly recorded. Students exempted from taking required credit hours of physical education courses must take the same number of credit hours of electives to replace graduation requirements for physical education.

Dual Degree and Double Major Graduation Requirements

Dual Degrees

Dual degrees are earned when a student satisfies all requirements for two different baccalaureate degrees (for example, B.A. and B.S.) within one or more colleges of Savannah State University. Students must earn at least 25 percent of their degree requirements in residence at Savannah State University. In addition, 50 - 60% of major requirements must be earned at Savannah State University for the first degree. For the second degree, students must complete all discipline-specific course requirements including Area F. If the second degree is completed at the same time as the first degree, or within eight calendar years of the first degree, this requirement shall be deemed to have been satisfied for both degrees. Students who complete the first and second major at the same time are exempted from minor requirements. Whenever the second degree is completed, the requirements for the second degree will adhere to the catalog edition that the student followed for the first degree.

After eight years from the date of the award of the first degree, credit that has been used to satisfy the university's academic residence requirement for this degree cannot be applied toward the university's minimum academic residence requirement for the second degree. Regardless of when the second degree is completed, both degrees require that at least one-half of the courses comprising the major must be taken at Savannah State University. A student who pursues a dual degree should consult with an advisor or the Center for Academic Success.

Double Major

A double major consists of two separate majors in the same baccalaureate degree (for example, B.S. with majors in Sociology and Psychology), regardless of the college or colleges in which that degree is awarded. A double major is earned when the student completes discipline-specific requirements for each of the majors and all requirements for the degree. Students must earn at least 25 percent of their degree requirements in residence at Savannah State University. In addition, 50 - 60% of major requirements must be earned at Savannah State University for the first major. Students must satisfy all discipline-specific course requirements for the second major including Area F. If the second major is completed at the same time as the first major, or within eight calendar years of the first major, this requirement shall be deemed to have been satisfied for both majors. Students who complete the first and second major at the same time are exempted from minor requirements. Whenever the second major is completed, the requirements for the second major will adhere to the catalog edition that the student followed for the first major.

After eight years from the date of awarding the first major, credit that was used to satisfy the university's academic residence requirement cannot be applied toward the university's residence requirement for the second major. At least one-half of the second major courses must be taken at Savannah State University. Students pursuing a double major should consult with an academic advisor.

Minor

A minor area of study requires a minimum of **15** semester credit hours. At least 9 of these credit hours must be at the **3000** level or higher. To be noted on the transcript, a minor must be declared at least one year prior to graduation.

Exit Examinations

As conditions of graduation, the University and academic departments may require students to take additional competency tests appropriate to their programs of study. Information relative to these tests is available in the academic departments.

Students failing to demonstrate required proficiency on any competency test may be required to complete additional courses to correct the deficiency. Courses required and completed under this provision may be with or without academic credit and may be required without regard to prior course credits in these disciplines.

Campus Honor Societies

Society	Academic Areas
Alpha Kappa Mu	All Areas
Beta Beta Beta	Biology
Beta Kappa Chi	Sciences
Golden Key	Liberal Arts
Pi Gamma Mu	Social Sciences
Sigma Tau Delta	English
Tau Alpha Pi	Engineering Technologies
Phi Alpha	Social Work

Recognition of Excellence in Scholarship

Persons who have not been subject to disciplinary action while earning superior grades and who have not incurred any academic deficiencies are eligible for honors status as indicated:

Students who maintain an average of “B” in a full program (12 hours) during a semester are eligible for listing on the Honor Roll.

Students who maintain an average of 3.50 or higher in a full program (12 hours) during a semester will have their names placed on the Dean's List.

Students who maintain a 4.0 average in a full program (12 hours) are designated Presidential Scholars.

Students who maintain an average of 3.00 during any semester may obtain permission to take an overload during the following semester, the total not to exceed twenty hours.

Class Regulations

Student Load - Undergraduate

The University policy governing semester academic course load for full-time status is as follows: freshmen (12 credit hours, minimum; 16 credit hours, normal; 17 credit hours, maximum), and sophomore, juniors, and seniors (12 credit hours, minimum; 16 credit hours, normal; 18 credit hours, maximum). Students are generally expected to enroll in at least 15 hours per semester.

Under ordinary circumstances students may enroll in courses up to but not in excess of fifteen (15) semester hours. Students who maintain an average 3.00 during any semester may secure permission to take additional hours during the following semester, the total not to exceed twenty (20) semester hours. **Exceptions to the 3.00 average may be made for students who are within two semesters of graduation. For these students, the total hours carried for credit may not exceed twenty (20).** Advisors must recommend this overload to the dean.

Overloads

Permission to enroll for more than 18 semester hours will be granted by the appropriate Dean to a student:

- with an average grade of “B” for full-time enrollment in the preceding semester, or
- with an overall grade-point average of 3.0 or
- requiring an extra course in one of the two semesters prior to graduation

No student will be allowed to register for more than 21 hours. A student who is on academic probation will not be permitted to register for more than 13 semester hours. Exceptions to these limitations may only be made by the appropriate Dean.

Special Policy for Limited Seating Classes

Certain classes, such as computer lab classes, with limited seating are governed by a more stringent attendance policy. These classes are identified in the catalog and/or registration schedules as “limited seating classes.” In these cases, students must attend the first class session or notify the instructor immediately that they will be absent. Failure to comply with these requirements may result in the

immediate removal (withdrawal) from the class. The seat may be reassigned. When circumstances prevent their attending the first session, students are responsible for notifying instructors or the administrative unit head (department chair or dean of the instructor's college). Withdrawals may also impact financial aid classification if students' academic load then falls below the required minimum.

Class Attendance

Savannah State University endeavors to provide optimum conditions for the intellectual growth and development of its students. With the exception of University approved activities, it is expected that students should attend and be punctual to their classes, laboratories, and officially scheduled class requirements. Students who are absent because of participation in approved University activities will be permitted to make up work missed during their absences, provided that no more than 15% of class hours per course per term are missed and that work is assigned for completion prior to the University sanctioned activity.

All matters related to student absences, including the making up of work missed, are to be arranged between the student and the instructor. Instructors will publish their guidelines for handling absences in their syllabi. Students are obligated to adhere to the requirements of each course. Faculty are encouraged to take into consideration religious holidays of the student's faith, summons, jury duty, or similar compelling reasons for absences.

Non-Attendance Policy (NA) & Instructor Drop/Delete

Students who have never attended a single class during the first seven class days (including the first Saturday) of the term will be assigned a designation of NA (Non-Attendance - **never attended, or Logged In**) by their instructors. An NA designation deletes a course from the student's registration, and removes all financial obligations associated with that course. Students who attend one or more class sessions of a particular class are **not** eligible for the NA designation. Students who are not planning on attending a particular course should officially drop the course from their schedules and not leave it up to the instructor to input an NA designation. NA designations are only applicable during the first seven days of a term.

Subsequent to the NA deadline, instructors have three additional days to drop/delete (DD) students who fail to satisfy course prerequisites and/or grade requisite from their roster without financial or academic penalty.

The NA policy and instructor drop/delete do not exempt students from their responsibility for officially dropping/withdrawing from classes. To avoid financial, or academic, penalty for dropping courses, students must drop courses during the official drop period (as specified in the Academic Calendar).

Class Drop/Add Policy

Subsequent to registration, students may drop classes from, or add classes to, their schedules, without financial or academic penalty, until the last day of late registration (refer to the Academic Calendar for this date). All drops during this period will delete the class from the student's schedule and release the student of any financial obligations corresponding to the class.

Subsequent to the late registration deadline, students may still officially drop a class from their schedules until the last day of classes of the term. However, all drops during this period will be assessed corresponding tuition and fees, and a grade of W will be assigned for any class dropped by the drop deadline, and a grade of WF will be assigned for any class dropped after the drop deadline through the last day of classes.

Students will not be permitted to add classes to their schedules after the last day of late registration.

Students desiring to drop or add classes need to secure the drop/add form from their academic department, or from the Office of the Registrar, obtain the signatures of instructors for the class(s) they are adding and/or dropping, and return the form to the Office of the Registrar for processing.

Withdrawing from the University

Savannah State is not obligated to drop students for failure to attend classes. It is the student's obligation to drop classes, and students' failure to officially drop or withdraw may precipitate financial and academic consequences.

Limits on Withdrawals with a Grade of W

Students are allowed to withdraw with a "W" a maximum of six times as an undergraduate at Savannah State University, excluding hardship and military withdrawals.

After the second week of classes and prior to the midterm: Students may withdraw from a class or classes using the online registration system in PAWS. Students will automatically receive a "W", if they have not exceeded the number of "W's". Any student having exceeded six withdrawals will automatically receive "WF". "W" and "WF" will appear on the student's transcript; however, a "WF" is treated as an "F" for GPA calculation purposes.

It is possible that a student will withdraw from more than one class in a particular semester and not have enough "W's" left to use a "W". In that case, classes will be awarded a "W" based on the date and time the student initiated the withdrawal from that class. For example, if a student had taken five "Ws" and withdrew from three of the four classes in which the student is enrolled, the student's sixth W allowed would be assigned to the class from which the student withdrew first. The student would receive a "WF" in the other two classes. In these cases, students may make an appeal to Academic Affairs to shift the W from one class to another. Such requests must be made no later than the end of the current semester in which the student withdrew from the classes. (Whether a student is enrolled in the current semester in which the student withdrew from the classes does not change this time limit.) Students may not shift Ws between semesters.

Types of withdrawals:

- a. Withdrawal before midterm (W)
- b. Withdrawal after midterm (WF)
- c. Hardship withdrawals (WH)
- d. Military Withdrawal (WM)
- e. Non-academic withdrawal for Administrative Cause (AW)

Hardship Withdrawal from the University

Students may be granted hardship withdrawals when non-academic emergency situations occur which prevent them from completing their coursework (e.g., severe medical problems, traumatic events/circumstances that cause them to miss numerous classes). Hardship withdrawals are subject to the following restrictions:

Students are not eligible for hardship withdrawals in any course in which they have completed the course requirements (for example, taking the final exam or submitting the final project). Students must have supporting documents to receive a hardship withdrawal.

Students must initiate an application for a hardship withdrawal no later than one academic year after the semester in which the courses were taken. Hardship status applies to all courses taken in a semester. Students requesting a hardship withdrawal must provide documentation to justify such a withdrawal. If a student is granted a hardship withdrawal, the instructors of the courses from which the student is withdrawing must award a grade of "W" or "WF," depending on whether the student was doing passing work as of the effective date of the hardship.

Military Withdrawal

A student who is on active duty or is a military reservist (including members of the National Guard and United States Army Reserve) may withdraw from the University if called for active duty or reassignment. The student must officially withdraw and submit Official Orders to Active Duty to the Office of Academic Affairs. The student is not eligible for a military withdrawal in any course in which the student has completed the course requirements (for example, taking the final exam or submitting the final paper) and/or a grade has been assigned. Students who withdraw and receive a full tuition refund will receive a grade of "WM" (military withdrawal) for all courses from which the student has withdrawn.

Non-Academic Withdrawal for Administrative Cause:

In the judgment of the authorized University officials, a student may be withdrawn from the university for non-academic reasons when it is determined that the student has demonstrated behavior that:

- (a) Poses a significant danger or threat of physical harm to self or to the person or property of others; or

- (b) Interferes with the rights and privileges of other members of the university community or with the exercise of any proper activities or functions of the university or its personnel.

Except in situations where the student is believed to be an imminent threat to self or others, as determined at the sole discretion of the University, a student shall, upon request, be accorded due process concerning his or her continued enrollment at the university. In situations involving an imminent threat, the student will be provided a hearing as soon as possible after the withdrawal occurs. The instructor will assign students who are non-academically withdrawn a grade of “W” or “WF” (depending on whether they have exceeded their maximum number of withdrawals allowed) if they are withdrawn before the semester midterm “W” and a “WF” if they are withdrawn after the midterm.

Unofficial Withdrawals

Students, who cease attending all classes (stop-out) without officially withdrawing, are considered unofficially withdrawn from the university.

Upon submission of final grades for a term, instructors are required to indicate the last day of attendance for each failing grade (F) submitted. In compliance with Title IV regulations for unofficial withdrawals, students who have failing grades of "F" in all classes, and whose last date of attendance is the 50% point of the semester or below will be considered as unofficially withdrawn from the University and reported as such.

Note: This procedure for processing unofficial withdrawals will take effect in the summer 2008 term.

Student Information

Access to Student Records

Savannah State University is covered by the Family Educational Rights and Privacy Act of 1974, as amended (FERPA), which are designed to protect the students' rights with regard to education records maintained by the institution. Under the Act, students may inspect and review their own education records maintained by the institution and challenge the content of records (except grades which can only be challenged through the academic appeal procedure) on the grounds that they are inaccurate, misleading or in violation of privacy or other rights; and control disclosures from educational records with certain exceptions.

Savannah State University's policy on “Access to Student Records” complies with the provisions of FERPA. A copy of this policy and a copy of a summary of the FERPA regulations may be obtained in the Office of the Registrar. Students also have the right to file complaints with the FERPA Office of the Department of Education, Washington, D.C. 20201.

Release of Directory Information

Directory information will be treated as public information and generally will be available on all students and former students at the discretion of the University.

Directory information includes the students', date and place of birth, major field of study; height, weight, age, hometown, hobbies, participation in officially recognized activities and sports, general interest items of members of athletic teams, dates of attendance, degree applied for or received, honors and awards received, and previous educational institutions attended.

Students or parents of students who are under eighteen (18), may refuse to permit the release of any or all of the categories of directory information until the end of Spring Semester by submitting a written request to the office of the Registrar within ten (10) days of the beginning of any academic semester during which the students are enrolled. This time requirement is necessary to insure that directory information, which is withheld, is not included in the various university publications during the year. Of course, requests to withhold the release of directory information will be honored at any time, but the university cannot be reasonably certain that some directory information will not be released if the aforementioned time limits are not met. The student directory is usually published during the Fall Semester. Requests received after press time cannot be honored. Information from this and similar publications cannot be deleted after printing, and previously released information cannot be recalled.

Inquiries from news media about students or former students should be made to the Director of Communications. Due to the unpredictable nature and immediacy of media inquiries, notice cannot be given of media releases (non-athletic). Students or former students who wish to have directory information withheld should notify the Director of Communications prior to the anticipated date of any media inquiry.

Change of Address

Students are responsible for notifying the Office of the Registrar of any change in address. The mailing of notices to the last address on record constitutes official notification.

Student Academic Grievance Appellate Procedures (Disciplinary)

Original Jurisdiction

All student grievances of an academic nature in the University shall rest with the individual departments for a decision. Students may accept this decision or make an appeal. This step is handled by the Educational Policy Committee.

Right of Appeal

Appeals shall be available to every student in an academic grievance proceeding against the University. Within forty-five (45) working days, students must file the appeal with the department chair.

Appellate Procedure

When a decision of original jurisdiction has been rendered, the grievant shall have seven (7) working days to appeal this decision. All appeals shall be in writing and supporting documents presented to the dean of the college.

Within three (3) days, appellants shall be given, in writing, all charges upon which the original decision was based as well as all necessary information for the appellate hearing procedures. Appellants shall be guaranteed a speedy hearing, yet given adequate time to prepare their defense.

Jurisdiction of Appeal

The Vice President for Academic Affairs shall make the decision regarding all appeals. The Vice President shall have the prerogative of either creating a special committee or using an independent officer to assist in hearing the case.

Rights of Appellant

Grievants shall have the right to be present when all evidence is presented against them and all witnesses appear, have an advisor (non lawyer) present to assist throughout the proceedings, cross-examine witnesses, present evidence by witness or affidavit, and present evidence by deposition when a witness is unable to appear.

Hearing Procedures

A record shall be kept of the entire proceedings, either by tape or stenographer. The hearing will commence by a reading of the charges and the decision of the department of original jurisdiction. Evidence will be presented to sustain the decision.

Disciplinary Interim Suspension

A student who has been summarily suspended after mid-term of the semester pursuant to the *Savannah State University Student Conduct Code* pending the outcome of a disciplinary hearing will not be eligible for withdrawal from the University until the final disposition of the case. Should the student be found guilty of violating the Student Conduct Code or plead "no contest", the student will receive failing grades from the date of the summary suspension and forfeit the semester. Should the student be found not guilty, the Vice President for Student Affairs will provide written notification to the Vice President for Academic Affairs of the disposition. Should the student desire to withdraw, the Vice President for Academic Affairs will accept a petition from the student and grant an automatic withdrawal without penalty and forward the withdrawal approval to the appropriate offices.

Veterans, Disability, and War Orphans' Benefit

Savannah State University maintains a veteran's coordinator in the office of Enrollment Management to certify and assist students who are eligible for veteran's benefits and to coordinate with veteran's affairs.

Veterans who wish to attend Savannah State University under any of the veteran's benefits programs provided by public law should apply to the Savannah State University Office of Admissions in the normal manner. It is advisable for veterans who have not previously used any educational benefits to apply to the Veterans Affairs (VA) Regional Office for those benefits, and for veterans

who will be transferring to Savannah State from another institution where educational benefits were received to process a “Request for Change of Program or Place of Training” form with the VA Regional Office concurrently with their application to Savannah State University. As soon as the Savannah State University Office of Admissions notifies applications of their acceptance to the University, applicants should contact the SSU veteran's coordinator for further instructions.

Although additional information is contained on the application for benefits and the informational sheet, which must be completed in the Office of the Registrar, veteran students should pay particular attention to the following:

- Veterans may be certified for benefits only after having been accepted to and while attending in a designated degree program (except for students enrolled in Student Academic Assistance or Learning Support) in certain certification programs. Students classified as non-degree (ND), post-graduate (PG) or post-baccalaureate (PB) will not be certified for benefits while attending in those classifications, unless enrolled in an approved certification program.
- Students may be certified for only those courses that apply to their formal and designated degree objective. Certain required remediation and/or prerequisite courses may be certified for benefits, but only if those courses are specifically required of the student and the requirement is appropriately documented in the Office of the Registrar.
- Students receiving benefits are required to notify the veteran’s coordinator whenever their attendance in a course or program is interrupted, or whenever the students formally change degree objectives. Failure to do so may result in an overpayment of benefits. Students are liable for overpayments.
- Students may not be certified for repeated courses unless the repetition is required by academic policy which is specified in the University catalog.
- Savannah State University defines a normal full-time load for undergraduate students as 12 semester hours. Undergraduate students who carry fewer than 12 semester hours will not be certified as full-time.
- Continuing students who wish to continue to receive benefits must renew their certifications through the veteran's coordinator each Fall and Spring Semester. Students whose attendance was interrupted must renew their certifications at the beginning of the next semester of attendance in which they wish to receive benefits. Student Academic Assistance or Learning Support students, active duty military personnel, and students attending on a less-than-half-time basis must renew their certifications each semester. These students who are certified on a semester basis will routinely experience a break in benefit payments between terms and should contact the Veterans Administration Regional Office to ascertain the amount and schedule of their checks.
- Veterans with discharges (DD-214) are exempted from taking physical education (P.E.) courses. They can provide copies of their DD-214 and receive up to 4 credit hours of P.E. Veterans should be prepared to pay their own tuition and fees if they have not applied for advance pay at least 40 days prior to the beginning of the semester.

Classification of Courses

Courses are numbered as follows:

Student Status	Number Range
Institutional	0001-0199
Freshman	1000-1999
Sophomore	2000-2999
Junior	3000-3999
Senior	4000-4999

Credit Course Description

Under each course title, there are three numbers, such as 3-0-3. The first number listed is the number of hours of lecture; the second number indicates the number of hours of laboratory; and the third number indicates the number of credit hours awarded for successful completion of the course.

Courses Using the Web

Online courses are taken exclusively over the Internet. There are no required on-campus meetings. Hybrid courses are held both on campus and online. They are traditional face-to-face courses in which some of the on-campus class meetings are replaced with online assignments. Web-enhanced courses are traditional face-to-face courses that are augmented by course websites. Unlike the class meetings for hybrid courses, the class meetings for web-enhanced courses are all scheduled on campus unless classes are redirected for special activities.

Code Category Description*F - Fully at a distance*

All or nearly all of the class sessions are delivered via technology. The course does not require students to travel to a classroom for instruction; however, it might require students to travel to a site to attend an orientation or to take exams. (NOTE: This is generally equivalent to delivering more than 95 percent of sessions via technology.)

P - Partially at a distance

Technology is used to deliver more than 50 percent of class sessions, but visits to a classroom (or similar site) are required. (NOTE: If a course is offered through two-way interactive video, then it should be coded partially at a distance because students must meet at a designated location.)

H - Hybrid

Technology is used to deliver 50 percent or less of class sessions, but at least one class session is replaced by technology.

T - Technology enhanced

Technology is used in delivering instruction to all students in the section, but no class sessions are replaced by technology.

Null - No technology

No technology is used in delivering instruction.

Student Services

Central to the Division of Student Affairs is enhancing the holistic educational experience of students by providing educationally purposeful services and programs that bridge classroom learning with out-of-class experiences. As such, the primary focus of the Division of Student Affairs is to provide opportunities (e.g., activities, programs, resources, and well-maintained facilities) and to create environments that support the achievement of the university's educational goals. The quality of student life, however, depends on the extent to which students take advantage of what the university offers for their personal learning and social enrichment. Students can be assisted in this important task through the units that comprise the Division of Student Affairs.

Center for Leadership and Character Development

The development of leadership skills is a desired educational outcome at the university. As such, the university, through the Office of Student Affairs, has established the Center for Leadership & Character Development. The Center focuses primarily on developing student leadership, character development, and service through seminars, institutes, retreats, and workshops. The Center itself is located in the Office of Student Affairs suite; it houses dozens of books and audio tapes on leadership, personal development, career development, and service learning. Programs include the Freshman Academic during the fall semester, the Alternative Spring Break experience and a Leadership Lecture Series throughout the year. All students are encouraged to utilize the Center. Students should be mindful that the major leadership programs are limited to small numbers of students.

Department of Student Development

The focus of the Department of Student Development is to incorporate student learning and student development into experiential and social opportunities that will enhance our students' overall educational experience. This department recognizes the importance of a comprehensive college health program which supports our academic program, to include focus on professional personal and career counseling services, health promotion, education and prevention, medical/clinical/holistic services, intramural sports and wellness and other adjustment and consumer service.

Counseling and Disability Services

The Office of Counseling and Disability Services provides free, confidential counseling to all students at SSU. We know that college life is a transitional period marked by change, pressure and stress. Therefore, our goal is to help students understand this period, find ways of coping and grow from their experiences.

Personal Counseling

Mission

To provide developmental, remedial, preventive and consultative/training services which will assist students to grow and experience personal and academic success within the educational framework.

Areas of counseling include but are not limited to: relationship issues, self-esteem, stress management, eating disorders, problem gambling, pregnancies, anger management, depression and suicide, home-sickness, self injurious behaviors and substance abuse.

Disability Services

Mission

To improve the educational development of students with disabilities and the vocational access of employees with disabilities by providing appropriate accommodations; and to enhance understanding and support within the campus community.

Accommodations are academic services or adaptations that allow a student with a disability to have full access to academic information and access to demonstrate they mastered the information or allow an employee to have access to meet the essential functions of their position. Accommodations do not guarantee success, but they provide equal access. Accommodations do not compromise academic standards or the mastery of essential course elements. Students with disabilities who receive accommodations must still meet all admission and academic standards, including attendance requirements.

Accommodations typically offered, based on the individual student's documented needs may include, but are not limited to: registration assistance, consultation with faculty, volunteer note taker services, permission to tape lectures, priority seating, moving inaccessible classrooms, extended test time, low distraction test room, books on read aloud CD's, adaptive software and enlargement of print materials.

All students who have been approved for accommodations receive an Accommodation Letter each semester to show to their professors. The Accommodation Letter outlines the student's approved accommodations. It is the student's responsibility to pick up this letter each semester, discuss their needs and accommodations with their professors and have their professors sign the Acknowledgement Form. The student is responsible for returning the signed Acknowledgement Form to the Coordinator of Disability Services each semester. Students should not assume that professors will provide accommodations without an Accommodation Letter. Services are available to those students who choose to self-identify to the Coordinator of Disability Services and provide appropriate up to date documentation of their disability that meets standards set by the Board of Regents. Our office can refer students to resources to obtain documentation, if needed. Students with a learning disability, attention deficit disorder, an acquired brain injury, psychological disorders, chronic medical illnesses, mobility impairments, pervasive developmental disorders, vision impairment and hearing impairment may be eligible. Written copies of documentation requirements are available in our office. SSU does not offer separate classes for students with disabilities. Through the assistance of the Office of Disability Services and other support services on campus, SSU strives to provide a quality educational experience for all qualified students with disabilities. All disability accommodations are provided at no charge.

The Office of Counseling and Disability Services is located in King Frazier, Suite 233. Phone number is 912-358-3129. Fax is 912-651-3838.

Student Health Services

Harris-McDew Student Health Center

Mission

To become the principle advocate for a healthy campus by promoting the health of students through the provision of services; which are committed to integrating primary prevention and education with clinical care, and through referral, mental health support and nutritional counseling.

All full-time undergraduate and graduate students pay a student health fee that covers the unlimited use of student health center services without additional cost for services provided by the staff. Services provided include:

- Medical and nursing examination and care;
- Alcohol and Drug Awareness Resource Center;
- Limited pharmacy services;
- Information, consultation and referrals;
- Wellness and wholesome mental and physical health habits programs;
- Day beds for temporary observation and care; and
- The center, which is staffed by nurses, is open Monday through Friday.
- Part time physician (Monday through Friday)

A resident student suffering from an injury or sudden illness during hours when the health center is closed should contact the resident hall staff, resident assistant, or the Department of Public Safety. An ambulance or paramedic unit may be dispatched to campus for an immediate evaluation or transportation to the hospital as needed at the Student's expense. Students are responsible for the cost of all services provided by any other community health care provider. All students are encouraged to secure coverage by an adequate health insurance plan and should follow its directions for emergency or crisis care. Information on a current student health insurance plan is maintained in the Student Health Center. Participation in the student health insurance plan is voluntary and the student is responsible for the cost.

Contact: The Harris-McDew Student Health Center is conveniently located on the SSU campus on Jasmine Avenue adjacent to Payne Hall, and can be contacted at (912) 356-2217.

Intramural Sports and Wellness Programs

The Intramural Sports and Wellness Program (ISWP) is designed to foster both competitive and leisure sports and fitness activities for both men and women. The purpose of the Savannah State University Intramural Sports & Wellness Program is to promote student learning and development by encouraging outcomes such as intellectual growth; ability; to communicate effectively, realistic self-appraisal, enhanced self-esteem, clarification of values, leadership development, physical fitness, meaningful interpersonal relations,

ability to work independently and collaboratively, social responsibility, satisfying and productive lifestyles, appreciation of aesthetic and cultural diversity, and achievement of personal goals.

Mission:

To enhance students' fitness and wellness, knowledge, personal skills, and enjoyment by providing opportunities for a variety of activities that may contribute to individual fitness and wellness; opportunities for cooperative and competitive play activity in the game form; and a medium through which students can learn and practice leadership, management, program planning and interpersonal skills.

Activities usually include, but are not limited to, basketball, volleyball, softball, and flag football. Participants are required to complete a Student Waiver Form with the ISWP Office. Sporting equipment and other resources will be made available.

Contact: Intramural Sports and Wellness programs are located in the Wiley Wilcox Gym, and can be contacted at (912) 351-3506/3450.

Career Services

Career Services are designed to assist students and other designated clients through all phases of their career development.

- Career Counseling

Mission

To assist students, alumni and retirees of Savannah State University in developing and implementing career plans, through career guidance, promoting institutional awareness, early intervention activities, exposure to resources and involvement in opportunities for learning and development of career goals.

The Office of Career Services offers services and resources which include, but are not limited to career focus checklist for freshmen through seniors, job fairs, computer career guidance, employment bulletins, internship guidance, interviewing and job searching programs, on campus recruiting and outreach programs, referral services, resume development.

Contact: Career Services is located in the King-Frazier Building, Room 233, and can be contacted at (912) 353-3049/ 356-2202.

Department of Student Life

The mission of the Department of Student Life at Savannah State University is to foster an inclusive culture of student leadership development, campus and community involvement, and programming in order to develop a socially just community of lifelong learners through the provision of services and facilities. The department advocates the needs of students to campus leaders, foster student pride and assist in the university efforts to retain students. Student Life services are provided through the Office of Residential Service and Programs, Office of Student Programs and Organizations, Student Government Association and Office of Student Ethics.

Residential Services and Programs

The Office of Residential Services and Programs provides comfortable, affordable, and secure residential communities located throughout campus. In particular, the university has traditional residence hall facilities and an apartment-style facility, which is for upper-class-level students. Residence life programs promote academic success, student development, and leadership. For a greater understanding of residence life at the university, students are encouraged to read the *Residence Hall Student Handbook*, which is available in the Office of Residential Services and Programs.

Residential Facilities

There are residence facilities at Savannah State University that offer a variety of living and learning options for students. Assignment to living areas is based on sex and classification.

Residence on campus complements classroom instruction. There are certain regulations in place to ensure that the living/learning processes of students are maintained. Such regulations can be found in this catalog and publications distributed by the Office of Student Affairs and the Office of Residential Services and Programs.

Freshmen from outside the Chatham County area are expected to reside in the residence halls of Savannah State University. Students are required to apply for housing at the beginning of the academic year, summer school, and any semester that is preceded by a break

in continued residence. Room assignments are made for the academic year. Students in double occupancy, who have not contracted for single occupancy and who do not have a roommate, or change rooms. Students who had assigned roommates and the roommate did not occupy their assigned space or withdrew from campus housing within a month of the end of registration for a term must also adhere to the room consolidation requirements. Any room changes must be approved in writing by the Office of Residential Services and Programs and be completed within five days after notification to consolidate. Individual students remaining in a double occupancy room will be automatically charged and legally obligated to pay a prorated single room rate. These students may contract for a double occupancy room as a single for the remainder of the current semester only.

Students are expected to clear housing at the end of spring and summer semesters, if they do not plan to return, or if they graduate. Before vacating their assigned rooms, all students must complete a clearance form and must obtain the signature of the Resident Hall Director or the Resident Assistant (RA).

Students who live in residential facilities are required to purchase a 20-meal-per week meal plan. Students who have a diet prescribed by a physician may be exempted only if the University cafeteria is unable to prepare the diet meals. Hot plates and other cooking devices are prohibited in the residence halls. Prohibited items found in rooms will be confiscated; students who violate cooking policies will be charged a fine.

Non-Refundable Application Fee Policy

Purpose

The non-refundable application fee policy is to provide the condition upon which students who wish to participate in residential on-campus housing must adhere to.

Eligibility

Any student desiring to reside in University housing is required to submit an annual non-refundable application fee in the amount of \$50.00. This fee is due prior to or at the time the residential housing application is submitted.

Stipulations, Conditions, and Limitations

Students residing in University housing must agree to the following:

- The non-refundable application fee must be paid annually before a student can be assigned to campus housing for the academic year (term).

Contact: The Office of Residential Services & Programs is conveniently located on the King-Frazier Student Center, Room 238 and can be contacted at (912) 358-3132.

Department of Student Life & The Office of Student Programs and Organizations

The Office of Student Programs and Organizations, which is part of the Department of Student Life, is responsible for enhancing student life through co-curricular activities, which are an integral part of the physical, social, emotional, spiritual, and intellectual growth of students. Student activities at Savannah State University consist of:

- Clubs and Organizations
- Game Room and Recreational Activities
- Movies
- Campus-wide and Informal Activities
- Departmental Activities

Student organizations provide opportunities for students, faculty, and staff to interact with one another during cultural, recreational, spiritual and social activities either in formal or informal settings.

Contact: The Office of Student Programs and Organizations is conveniently located on the SSU campus in the King-Frazier Student Center Rooms 128 and 246, and can be contacted at (912) 358-3117 and (912) 358-3127.

Student Government Association

The Student Government Association (SGA), which is the official representative of the student body, works closely with the university administration on matters related to student life. The SGA is comprised of students pursuing the betterment of the institution so that all members of the University community are beneficiaries of the opportunities and advantages available in an environment conducive to growth.

Contact: The Student Government Association is conveniently located on the SSU campus in the King-Frazier Student Center Room 206, and can be contacted at (912) 358-3144.

Other organizations that are recognized at the university include:

- Honor Societies
- Professional and Departmental Organizations
- Fraternities and Sororities
- Service Clubs and Organizations
- Student Leadership Development

Organizations

Achievers of Today and Tomorrow, Inc.	Alpha Kappa Alpha Sorority, Inc.	Alpha Phi Alpha Fraternity, Inc.
American Chemical Society	American Society of Civil Engineers	Beta Beta Honor Society
Beta Kappa Chi Scientific Society	Bowen-Smith Hall Council	Cheerleading Squad
Choral Music Society	Campus Ministry	Criminal Justice Club
Delta Sigma Theta Sorority, Inc.	Environmental Science Club	Freshman Class
Graduate Student Advisory Council	History Club	International Students Association
Iota Phi Theta Fraternity, Inc.	Iota Phi Lambda Business Sorority	Junior Class
Kappa Alpha Psi Fraternity, Inc.	Marine Science Club	Mass Communication Club
Master of Social Work (MSW) Student Organization	Mathematicians In Training	Minority Student Association
NAACP	National Council of Negro Women	National Pan-Hellenic Council
National Association of Black Accountants	Nontraditional Student Association	NROTC
Omega Psi Phi Fraternity, Inc.	Phi Alpha Delta Law Fraternity, Inc.	Phi Beta Lambda
Phi Beta Sigma Fraternity, Inc.	Players by the Sea	Queens Coalition
Residence Hall Council	Science Student Alliance	Senior Class
Sigma Gamma Rho Sorority, Inc.	Social Workers Association	Social Workers of Tomorrow
Sociology Club	Sophomore Class	Student Orientation Leaders
SSU Marching Tiger Band	SSU Quiz Bowl Team	Student Government Association
Tiger's Roar Newspaper	Wesleyan Gospel Choir	Zeta Phi Beta Sorority, Inc.

New and Transfer Student Orientation

The Director of Enrollment Management supervises the orientation program which is designed to assist new students in becoming acquainted with other students, University regulations, routine procedures, campus traditions, opportunities for training, and specialized vocational guidance. The program concentrates on all freshmen and new students entering the University. Orientation includes placement testing, academic advisement and pre-registration.

The follow-up course dealing with the psychology of human relationships, required of freshmen and transfer students, is designed to facilitate the process of total adjustment to university life and to guide students' thinking in reference to the social forces that affect them daily. The course is designated Freshman Year Experience.

Fraternities and Sororities

The national fraternities organized on the campus include Alpha Phi Alpha, Iota Phi Theta, Kappa Alpha Psi, Phi Beta Sigma, and Omega Psi Phi. The national sororities organized on the campus are Alpha Kappa Alpha, Delta Sigma Theta, Sigma Gamma Rho, and Zeta Phi Beta. These organizations sponsor rich and varied programs designed for intellectual and social development.

Honor Societies

A number of national honor societies are active on campus. These include: Alpha Kappa Delta International Society; Alpha Phi Sigma Criminal Justice Honor Society, Inc; Beta Beta Beta Honor Society; Beta Sigma Gamma Business Honor Society; Kappa Kappa Psi Honorary Band Fraternity; Phi Kappa Mu Honor Society; Tau Beta Sigma Honorary Band Sorority; and Golden Key National Honor Society.

Intercollegiate Athletics

Savannah State University holds membership in the National Collegiate Athletic Association (NCAA) Division I and participates in the following sports: football, baseball, basketball (men and women), cross-country (men and women), tennis (men and women), track and field (men and women), and volleyball (women only), golf (men), and softball (women).

Qualified instructors in health, physical education, and recreation provide training in the several aspects of the required activity program. Recreational activities, social dancing, swimming, and free exercise activities are encouraged and centered in this area. The area makes every effort to provide wholesome recreational activities for all students.

Office of Student Ethics

The Office of Student Ethics, which is part of the Department of Student Life, mission is to promote the development character, conscience, citizenship, civility, individual and social responsibilities of students and student organizations at Savannah State University. The office provides programs that promote the obligations of citizenship in the University community. Students and student organizations are also provided with the tools necessary for success in pluralistic society by providing feedback about behaviors that both enhance and harm the academic community, as well as assistance and opportunities in modifying such behaviors.

Student Conduct

Students enrolled at Savannah State University are expected at all times to exemplify civility, respect and integrity. The University reserves the right to exclude at any time students whose conduct is deemed improper or prejudicial to the welfare of the University community.

Disruptive Behavior

The following statement is the policy of the Board of Regents regarding disruptive behavior at any institution of the University System. The rights, responsibilities, and prohibitions described in this statement are incorporated as a part of these regulations.

"The Board of Regents of the University System of Georgia reaffirms its policies to fully support freedom of expression by each member of the academic community and to preserve and protect the rights and freedoms of its faculty and student members to engage in debate, discussion, and peaceful and non-disruptive protest and dissent. The following statement relates specifically to the problem described herein. It does not change or in any way infringe upon the Board's existing policies and practices in support of freedom of expression and action. Rather it is considered necessary to combat the ultimate effect of irresponsible, disruptive, and obstructive actions by students and faculty who tend to destroy academic freedom and the institutional structures through which it operates. In recent years a new and serious problem has appeared on many college campuses in the nation. Some students, faculty members, and others have on occasion engaged in demonstrations, sit-ins, and other activities that have clearly and deliberately interfered with the regular orderly operation of the institution concerned. Typically, these actions have been the physical occupation of a building or campus area for a protracted period of time or the use of verbal or written obscenities involving indecent or disorderly conduct.

These actions have gone beyond all heretofore recognized bounds of meetings for discussions, persuasion, or even protest in that (1) acquiescence to demands of the demonstrations is the condition for dispersal, and (2) the reasonable and written directions of institutional officials to disperse have been clearly ignored. Such activities thus have become clearly recognizable as an action of force, operating outside all established channels on the campus, including that of intellectual debate and persuasion, which are at the heart of education.

The Board of Regents is deeply concerned about this problem. Under the Constitution of the State of Georgia, under all applicable court rulings, and in keeping with the tradition of higher education in the United States, the Board is ultimately responsible for the orderly operation of the several institutions of the University System and the preservation of academic freedom in these institutions. The Board cannot and will not divest itself of this responsibility.

Of equal or even greater importance, such action of force as previously described destroys the very essence of higher learning. The essence is found in the unhampered freedom to study, investigate, write, speak, and debate on any aspect or issue of life. This freedom, which reaches its full flowering on college and university campuses, is an essential part of American democracy, comparable to the jury system or the electoral process.

For these reasons and in order to respond directly and specifically to this new problem, the Board of Regents stipulates that any student, faculty member, administrator, or employee, acting individually or in concert with others, who clearly obstructs or disrupts, or attempts to obstruct or disrupt any teaching, research, administrative, disciplinary or public service activity, or any other activity authorized to be discharged or held on any campus of the University System of Georgia, is considered by the Board to have committed an act of gross irresponsibility and shall be subject to disciplinary procedures, possibly resulting in dismissal or termination of employment.

The Board reaffirms its belief that all segments of the academic community are under a strong obligation and have a mutual responsibility to protect the campus community from disorderly, disruptive, or obstructive actions, which interfere with academic pursuits or teaching, learning, and other campus activities."

Violations of the Student Conduct Code

Students may receive disciplinary action, including suspension and dismissal for a number of acts of misconduct committed on or away from University property. (For additional details, see the Savannah State University *Code of Student Ethics*) as listed in the Student Handbook Examples of these actions are listed below.

- Academic misconduct
- Dress code
- Damage to public and private property
- Disorderly conduct
- Misuse of student identification cards
- Hazing
- Gambling
- Possessing explosives
- Disregard of fire safety regulations
- Hazing and/or harassment
- Violation of outside law
- Possession of drugs and alcoholic beverages
- Disorderly assembly
- Falsification of records

- Theft
- Unauthorized use of computer resources
- Unauthorized entry or use of University facilities
- Violation of residence hall visitation rules and regulations
- Possession of weapons
- Joint responsibility for violations

Disciplinary Procedures

A charge of misconduct originates with the accuser filing a written charge with the Office of the Vice President for Student Affairs. Any person may refer a student suspected of violating the student conduct code.

Upon receipt of the charge, the Vice President's designee conducts an informal investigation to determine whether to drop the case or send a letter of notification to the accused student.

If a formal charge is made to the accused, either by certified letter or in person, the Vice President's designee will instruct the accused to contact the Office of Student Affairs to arrange an administrative interview to discuss the complaint. Copies of all pertinent documents known at that time will be attached to the letter. The Vice President's designee will request a meeting with other necessary relevant parties on an individual basis. However, the Vice President's designee or the accused may ask to have more than one relevant party present at the interview. The purposes of the administrative interview are two-fold: first, to determine whether probable cause exists to believe the accused may have committed the charged offenses; and second, to determine whether to have the case heard by the Vice President's designee or the University's Student Ethics Board.

The Vice President for Student Affairs will notify all persons of the time and place when they are to appear before the Board. The Vice President will also notify students about the specific charges against them.

Rights of the Accused During Hearings

Accused students have specific rights, including

- The right to a non-legal advisor of their choice. (An attorney may be present only when it appears that the hearing also relates to a potential, or actual, criminal charge against the accused);
- The right to question the accuser(s);
- The right to present evidence;
- The right to call witnesses;
- The right to remain silent and have no inference of guilt drawn from such silence;
- The right of cross-examination;
- The right to appeal an adverse decision to the President; and
- The right to attend classes and required University functions until a hearing is held and a decision is rendered against the accused by the Vice President or Discipline Committee. (The accused may remain at the Institution pending an appeal to the President, if his or her presence is judged not to be a clear and present danger to the normal operation of the University. If the President upholds the suspension or expulsion, the student must depart, notwithstanding the student's subsequent application for review to the Board of Regents.)

Student Ethics Board

Unless the accused elects to have the case decided by the Vice President for Student Affairs' designee, the Student Ethics Board (comprised of faculty, staff, students and the Chief Justice) will adjudicate the case. If the accused chooses a hearing by the Student Ethics Board, the Vice President shall select a member of the staff to present the case on behalf of the person bringing charges, including cases where the Office of Student Affairs files the charges.

Basis for Review (Appeals to the President)

All appeals to the President or his/her designee must be made in writing within five business days of the original decision. The original decision is final on the day it is rendered by the Vice President for Student Affairs and the Hearing Body (Hearing Officer, Student Ethics Board or Administrative Hearing Officer). The filing of an appeal to the President or his/her designee will not postpone punishments imposed there under, by the Vice President for Student Affairs or the Hearing Body.

The accused may appeal to the President or his/her designee from a decision of the Vice President for Student Affairs or the Discipline Committee on the grounds listed below. Additional grounds may be asserted by the appellant, as appropriate.

The proceeding failed to follow procedures; including observing the rights of the accused, but only if such failure actually resulted in preventing the accused from adequately defending against the charge.

The findings are not supported by substantial evidence, or the recommendations are not supported by the findings.

One or more members of the adjudicating body demonstrated bias. "Bias" requires more than merely knowing the accused or knowing something about the case. Disqualification occurs only where it can be established that the Vice President or Student Ethics Board member was incapable of rendering a fair decision.

In light of the nature of the offense and the student's disciplinary record, the sanctions imposed by the adjudicating body were excessive.

Article IX Appeal to Board of Regents

A student dissatisfied with the President's decision has the right to appeal to the Board of Regents. The appeal to the Board shall be submitted in writing to the executive secretary of the Board through the Chancellor, within twenty calendar days after the President's decision and shall cite all the reasons for dissatisfaction with the previous decision.

Drugs

Possession or use (without valid medical or dental prescription), manufacture, transportation, storage, furnishing, or sale of any narcotic or dangerous drug controlled by federal or Georgia law is prohibited. Students convicted of violation Section II (Drugs and Alcohol) of the student conduct code may lose academic credit and/or federal financial aid and/or be suspended from the University.

Weapons

Persons found in possession of weapons will be subject to disciplinary action by the University and/or local courts. Violators will be subject to arrest and prosecution by University and/or local, state, and federal courts. It is against University rules and regulations for students to possess, use, or store weapons such as guns, blackjacks, bow and arrows, taser guns, BB guns, air guns, ammunition, hunting slingshots, martial arts weapons, chemical weapons, medieval weapons, darts, knives or mace. Carrying a weapon onto or within 1,000 feet of property owned, controlled, or leased by the University is strictly prohibited.

Contact: The Office of Student Ethics is conveniently located on the SSU campus in the King-Frazier Student Center, and can be contacted at (912) 358 - 3122.

Enrollment Management

As a resource to Savannah State University, the Office of Enrollment Management facilitates, coordinates, manages, and provides continued outstanding services to students, faculty, staff, administration, the community, prospective students, and alumni.

The Enrollment Management endeavors promote and enrich student education through recruitment, admissions, and student services support by way of ongoing direct contact with students in their everyday lives. This mission is accomplished by working in partnership with the University community and its stakeholders.

The scope of the office is to advance the recruitment and admissions activities of the institution while achieving a healthy overall mix of high achieving students, students with limited learning support need, adult learners, transfer students, out-of-state and international students. The office is also charged with creating an enrollment profile that reflects the changing demographics of the State of Georgia and, in particular, the metropolitan areas of Savannah and the Coastal Georgia region.

By developing and/or implementing highly functional information systems, and a robust reporting environment, the Office of Enrollment Management provides ongoing analysis of the characteristics and student behaviors of current, prospective, and former students to help the University achieve its goals. It studies enrollment trends, forecasts enrollments, and develops strategies to improve recruitment and customer service efforts and endeavors.

Undergraduate Admission to the University

Persons who wish to enroll at Savannah State University must file an application, which can be obtained from the Office of Admissions. Applicants who are high school students should file an application as early as possible during their senior year. All applications must be filed and completed by the application deadline for the semester in which applicants plan to enroll. Applicants must furnish evidence indicating ability to do university level work.

All new students (freshmen, transfers, and others) attending regularly scheduled classes or receiving resident credit will be required to submit a University System of Georgia Certificate of Immunization prior to attending such classes. This certificate will be kept on file in the Office of the Registrar and will be valid throughout enrollment. Students without this certification of immunization may be denied permission to enroll at the University. Exceptions may be made for students who have religious objections and students whose physicians have certified that the students cannot be immunized because of medical reasons.

Savannah State University reserves the right to employ appropriate assessment mechanisms to ascertain the suitability of applicants to enroll in the University and to deny enrollment or admission to individuals based upon the results of this assessment.

The University reserves the right to withdraw admission prior to or following enrollment if students become ineligible as determined by the standards of the University or Board of Regents. These standards may be revised and new policies initiated upon the discretion and consensus of the University and Board of Regents.

Admission Procedures

Applicants are responsible for requesting that official documents required for admission be sent directly from their previous institutions to the Office of Admissions. Official documents must be issued by the records office of the previous institution(s) in a sealed envelope and mailed directly to the Office of Admissions at Savannah State University. These documents become part of the applicants' permanent records and will not be returned.

The following are specific items required for admission:

- **APPLICATION FORM.** Applicants seeking admission must file an application for admission prior to the specified deadline as indicated in the academic calendar. An application may be obtained from the Office of Admissions or on-line at <http://www.savannahstate.edu/em/admissions/apply.htm>. Care should be taken to read the directions accompanying the application and provide all information requested. An incomplete application will cause delay and may be returned.
- **CERTIFICATE OF IMMUNIZATION.** All applicants must submit a University System of Georgia Certificate of Immunization as a condition of enrollment. **This form must be on file before registration.**
- **APPLICATION FEE.** A non-refundable processing fee of \$20.00 is required with all applications.
- **OFFICIAL TRANSCRIPT(S) OF COURSES COMPLETED.** All documents must be on file in the Office of Admissions prior to the specified document **deadline**. Freshmen applicants should request their high school guidance department to send an official copy of their transcript. Non-traditional adult candidates must submit an official high school transcript and official college transcript(s), if applicable. Transfer candidates with fewer than 45 transferable quarter hours, or 30 transferable semester hours (students in this category must have completed two college level English courses and one college level math course) should submit official transcripts from their high schools and from all colleges previously attended.
- **COPIES OF TEST SCORES.** The Scholastic Aptitude Test (SAT I) or The American College Testing Program (ACT) tests are required for all freshmen applicants and transfer students not meeting transfer requirements. Applications and information for the college entrance exams can be found in high school guidance offices or may be obtained from College Board (Box 592, Princeton, New Jersey 08640), or the American College Testing Program (3355 Lennox Road, N.E., Suite 320, Atlanta, Georgia 33026-1332). The SAT college code assigned to Savannah State University is 5609, and the ACT college code number is 0858. Holders of the GED certificate are also required to submit SAT I or ACT scores and SAT II Subject Test scores as required to satisfy admission criteria. Transfer candidates who have attempted fewer than 45 transferable core quarter hours or 30 transferable semester hours must also submit SAT I or ACT scores and submit an official copy of their high school transcript.
- **OTHER REQUIREMENTS.** The University may require applicants to appear for a personal interview and to take any achievement, aptitude, and psychological tests it deems appropriate in order to make a decision regarding the qualification for admission to the University. Once admitted, all students are required to take a Writing Assessment. Some students may also be required to take placement tests in English, reading, and/or mathematics.

Admissions Requirements

Freshman Applicant/Regular Admission

Acceptance to the University is determined on the basis of a Freshman Index, which is calculated by using a numerical formula. (See Freshmen Index below) The required Freshmen Index for Fall 2002 is 1940. The high school curriculum, ACT or SAT scores, and the high school college prep. Grade point average is used to determine admissions. Applicants must be a graduate of an accredited high school (regional accrediting association or a public school regulated by a school system and state department of education) with a diploma (a certificate of attendance is not acceptable). The University requires the students' final high school transcripts before they are allowed to attend classes. Applicants graduating from high school less than 5 years or earlier, must complete requirements of the College Preparatory Curriculum (CPC) of the Board of Regents (see College Preparatory Curriculum).

Regular Admissions Requirements:

- **Freshman Index of 1940**
- **SAT Critical Reading score of 430 SAT Math score of 400**
- **Or ACT English 17, ACT Math 17, and ACT Composite 17**
- **2.2 GPA**
- **16 CPC Units**

Freshman Index

The Freshman Index is calculated by adding a weighted high school GPA (500 x HSGPA) to sum of the verbal and mathematics scores on the SAT I. If ACT scores are submitted, a comparable formula is used.

Formula for SAT I

(Freshman Index = 500 x HSGPA + SAT I verbal + SAT I Math)

Formula for ACT

(Freshman Index = 500 x HSGPA + (ACT Composite score x 42) + 88

The required index score for regular admission to Savannah State University is subject to increase. Contact the Office of Admissions for current index scores for application term.

Test Scores

The highest scores submitted by the applicant will be used for admissions purposes. The minimum scores for regular admissions are as listed:

SAT I 430 Critical Reading and 400 Math

ACT 17 English, 17 Math, and 17 Composite

Applicants who score below the minimum score requirements must sit for the COMPASS (see testing section) test.

High School Grade Point Average

A minimum of a 2.2 grade point average is required for Regular Admissions. The high school grade point average is calculated by using only college preparatory curriculum courses in the formula. All courses attempted will be calculated into the grade point average (upon receipt of final high school transcript the GPA is calculated on the 16 units used to satisfy College Prep. requirements). Courses will not be weighted unless designated by a grade legend printed on the applicant's high school transcript indicating additional points should be added. A preliminary GPA is calculated for admissions and is re-calculated when the final high school transcript is received by the Office of Admissions.

College Preparatory Curriculum

Listed are the requirements for completion of a College Preparatory Curriculum (CPC). A preliminary evaluation is processed using the current high school transcript to determine if the applicant is on track to complete the required number of units. A final evaluation is processed when the final high school transcript is received. The applicant must complete a minimum number of CPC units when the preliminary evaluation is processed for admissions.

Units	Instructional Emphasis/Courses
English (4)	* Grammar and usage * Literature (American and World) * Advanced composition skills
Science (3)	* Physical Science * At least two laboratory courses from biology, chemistry or physics
Mathematics (4)	* Two courses in algebra, one in geometry, and one other math
Social Science (3)	* American History * World History * Economics and Government
Foreign Language (2)	* Two courses in one language emphasizing speaking (must be listening, reading, and writing)

Limited Admission/Conditional Freshman Applicant

Freshmen applicants that do not meet the regular requirements for admissions may qualify for limited admissions if a minimum set of requirements are met. Only a small percentage of the total freshmen class may be admitted as Limited admits. Students will be evaluated and granted Limited admissions on a space availability basis if the minimum requirements are met.

Applicants that are admitted as Limited must sit for all parts of the COMPASS (The Computer-Adaptive Placement Assessment and Support Exam), and the Writing Assessment Test.

Minimum Requirements for Limited Admissions:

- **Freshman Index of 1790**
- **1.9 grade point average**
- **SAT Critical Reading 430 and SAT Math 400 or ACT of 17 Verbal, 17 Math, and Composite 17**
- **Applicants must earn a combined total of 830 SAT CR and Math SAT (Writing Scores are not included in the total or students taking the ACT must have a Composite of a 17 to be considered for Limited Admits**
- **A minimum of 16 units of CPC courses**

Satisfying College Preparatory Curriculum (CPC) Deficiencies

Students who have not completed the CPC requirements in high school, students that graduate from high schools that are not accredited, home school students and applicants earning a GED must satisfy the minimum number of units to satisfy requirements for admissions. Students that are admitted via limited admissions must satisfy the requirements during the first term(s) of enrollment.

English. Students earning a GED, earning a home school diploma and/or graduating from a non-accredited high school may take SAT II subject tests to earn CPC units. **A score of 520 on the English Writing SAT II subject test and a score of 530 on the Literature test are passing scores.** Students with a passing score on only one test would have two deficiencies at admission and, therefore, must be tested for placement into a Student Academic Assistance or Learning Support English course (institutional credit only). Satisfactory scores on either test will provide credit for two years of CPC English while satisfactory scores on both tests will provide credit for four years or CPC English.

Limited admit applicants graduating with fewer than the four required units of English are required to take the Computer-Adaptive Assessment and Support System exam (COMPASS) in English, the Writing Assessment and the COMPASS in reading. Based upon the score earned, students will either be exempt from or required to enroll in the Student Academic Support English and/or reading course.

Mathematics. Students earning a GED, earning a home school diploma and/or graduating from a non-accredited high school may take SAT II subject tests to earn CPC units. **To satisfy the math CPC course requirements a score of 500 on the Math IC and a score of 550 Math IIC must be earned on the test.** Students not passing either test would have three deficiencies.

Limited admit students that are admitted with a deficiency in Math are required to take the COMPASS Mathematics test. Students that are placed in the Student Academic Support mathematics course will receive institutional credit only and must pass the exit exam to satisfy CPC requirements. Applicants graduating with fewer than the four required units of mathematics must sit for the exam.

Science. Students earning a GED, earning a home school diploma and/or graduating from a non-accredited high school may take SAT II subject tests to earn CPC units. **To satisfy the science CPC course requirements an applicant must achieve a score of 520 on the Biology subject test and a 540 on the Chemistry subject test or 590 on the Physics subject test.** Students passing only one of the two required tests would have two deficiencies at admission.

Limited admit students that are admitted with fewer than the three required units of science are required to take a laboratory science course (institutional credit only) and pass it with a grade of “C” or better. Students must enroll in a laboratory science course and pass the course with a “C” or better. This CPC deficiency course cannot be used for graduation requirements.

Social Science. Students earning a GED, earning a home school diploma and/or graduating from a non-accredited high school may take SAT II subject tests to earn CPC units. **To satisfy the social science CPC requirements an applicant must achieve a 560 on the SAT II subject tests in American History and Social Science and achieve a 540 on the World History.** Students passing only one of the two required tests would have two deficiencies at admission and, therefore, will be required to enroll in a social science course.

Limited admit students that are admitted with fewer than the three required units of social science are required to take a three semester hour course (for institutional credit only) chosen from approved social science courses and pass it with a grade of “C” or better. This course cannot be used for graduation requirements.

Foreign Language. Students earning a GED, earning a home school diploma and/or graduating from a non-accredited high school may take SAT II subject tests to earn CPC units. **To satisfy the foreign language CPC requirements an applicant must pass a SAT II test for language or qualify for exemption.** Alternatively, the CLEP, AP, or a departmental exam may be taken, and, if the score earned is adequate, credit will be granted for meeting the foreign language requirements.

Limited admit students that are admitted with fewer than the two required units of foreign language are required to take a three semester hour course (for institutional credit only) chosen from approved social science courses and pass it with a grade of “C” or better. This course cannot be used for graduation requirements.

Policies Regarding CPC Deficiencies

All course work required to overcome deficiencies must be completed prior to accumulating 30 semester hours of university level course work. In social science, and foreign language courses, it is necessary to complete the course with a grade of “C” or better. Although credit is received for courses used to satisfy College Preparatory Curriculum deficiencies, such credit may not be used to satisfy either core curriculum or degree requirements.

Students should register for courses to satisfy deficiencies in science, social science, or foreign language during their **first** and each subsequent semester of enrollment until the deficiencies are satisfied.

Students who are readmitted to Savannah State University and students who transfer from within the University System of Georgia who have earned 30 or more semester hours of college-level credit and who have not satisfied College Preparatory Curriculum deficiencies in science, social science, or foreign language may not register for other courses (except required Student Academic Assistance courses) unless they also register for the appropriate deficiency course or courses.

Students transferring from outside the University System with fewer than 30 transferable credit hours of accepted transfer credits which do not include completion of area A of the core curriculum credits, or from a program not requiring the College Preparatory Curriculum are required to submit a high school transcript and appropriate test scores for evaluation. Applicants not meeting regular freshman requirements (see “Regular Admission”) are required to test for placement and should register for any deficiencies immediately upon entering Savannah State University. Such students who earn 30 or more hours of university credit at the institution and who have not satisfied College Preparatory Curriculum deficiencies in science, social science, or foreign language may not register for other courses (except required Student Academic Assistance courses unless they also register for the appropriate deficiency course or courses).

Students whose native language is not English may be considered to have met the CPC foreign language requirements if they are proficient in their native language. A formal examination is not necessary if other evidence of proficiency (for example, attendance at a school in the native language) is available.

Exceptions to the CPC Requirements

Applicants who have not attended high school within the previous five years are exempt from College Preparatory Requirements. Qualified transfer applicants and International students are exempt.

Non-traditional applicants who are admitted with CPC exemptions are required to sit for the COMPASS placement examination and the Writing Assessment (see “Center for Academic Success”).

Presidential Exceptions

In very special and rare circumstances, the President of Savannah State University may grant exceptions to the CPC and FI requirements for limited admissions if students show exceptional promise for success. Only a few students can be admitted under this category. The total number of Presidential Exceptions must be included in the Limited Admit category and both categories must not exceed 20 percent of Freshman cohort. Applicants are required to submit three letters of recommendations and a letter demonstrating desire and competency to attend college.

Admission of Students with Disabilities

Applicants with disabilities are expected to have completed the CPC with the appropriate instructional accommodations. The Core Curriculum of Savannah State University requires students to complete university-level courses in English, mathematics, social science, and science. No exemptions or substitutions are permitted for these required college courses. Students who are not successful in the high school courses will not be provided with CPC exceptions in the admissions process.

Foreign language fluency is not required for all majors at Savannah State University. Therefore, students with learning disabilities that preclude the acquisition of a foreign language may petition for admission without completing this CPC requirement.

For admission to Savannah State University, students must receive approval from a Regents' Center for Learning Disorders (RCLD) prior to acceptance. To ensure consideration under this provision, students should apply for admission and request a RCLD review no later than six months before the admissions decision is to be made. Students applying should also apply and request approval at least six months in advance, but may be admitted in the “limited” category if they meet other requirements. Those admitted without approval must request a RCLD review and submit all requested materials during their first semester of enrollment. Students who receive approval from the RCLD may then satisfy the CPC foreign language deficiency by substituting another type of course determined by the Institution.

Students are expected to achieve the University's minimum SAT scores with the appropriate SAT accommodations from the College Board.

Students may apply and be admitted without regard to disability. However, students who do not meet the regular admissions requirements and who would like to be considered for accommodations in the admissions process must notify the Office of Counseling and provide documentation of their disability. In particular, students with learning disorders who are requesting an accommodation that requires approval from a RCLD review should apply at least six months in advance of the time the admissions decision is needed.

Students should be aware that certain programs and degrees require the ability to perform specific critical skills. Students should, prior to applying for or beginning a program of study, review all requirements that are necessary for completion of the program.

Transfer Students

Transfer students who have been out of high school fewer than five years are requested to submit high school transcripts as part of their application package unless they have completed 30 transferable hours and have earned the equivalent of 6 semester hours of college level English and 3 semester hours of college level math. This requirement also applies to students enrolled in University System of Georgia institutions that do not require the College Preparatory Curriculum for admission.

Transfer students completing high school less than 5 years ago and transferring from University System of Georgia institutions maintain their CPC status as determined by the first University System institution making the original CPC evaluation.

Transfer applicants are required to request the registrar of institutions they formerly attended to remit an official transcript of their records to the Office of Admissions at Savannah State University, regardless of the transferability of the credits.

Transfer applicants are not considered for admission unless they are academically eligible to return to the colleges or universities they last attended.

Transfer applicants will be considered for admission to Savannah State University if their grade point average is equivalent to 2.0 on all work attempted at other institutions. Applicants with a GPA of less than 2.0 will be denied routine admission, but may appeal to the University's Admissions Committee.

Credit will be given for transfer course work in which a grade of "C" or better has been earned. Courses earning less than a "C" are posted on the academic record; however the coursework may not be used to satisfy graduation requirements at the university.

The total credits that Savannah State University will allow for work completed at other institutions during a given period may not exceed the normal number of credits that could have been earned at Savannah State University during that same period.

Credit allowed for extension, correspondence, CLEP examination, or military service schools shall not exceed a total of 30 semester hours.

Transfer students who have earned excessive credit in freshman and sophomore courses may not be granted credit in excess of 67 semester hours below the junior class level.

Transfer credit may be accepted from degree granting institutions that are accredited at the collegiate level by their appropriate regional accrediting agencies. Students may be required to validate credit by examination. In computing cumulative grade point averages, only the work attempted at Savannah State University will be considered.

If the Core Curriculum requirements in Area A (Essential Skills), Area B (Institutional Options), Area C (Humanities/Fine Arts), Area D (Science, Math, and Technology), Area E (Social Sciences), freshman experience, and/or health and wellness have been completed at a University System of Georgia institution, each completed area will be accepted as having met the respective area requirement at Savannah State University.

An official evaluation of applicants' previous college credit hours earned will be completed prior to their first semester of attendance, provided that all transcripts are on file. Transfer credit will be awarded from institutions listed in the *American Association of College Admission Officers and Registrars Handbook* as being regionally accredited.

Students who complete course work and exit any area of Student Academic Assistance or Learning Support at a University System institution shall not be required to re-enroll in that area of Student Academic Assistance or Learning Support upon transfer to Savannah State University.

All transfer students from within the System shall be subject to all provisions of this policy. Students from institutions outside the System who transfer to Savannah State University with thirty (30) or more earned degree semester credit hours shall take the Regents' Test during their initial semester of enrollment if Student Academic Assistance or Learning Support and core curricular English requirements are met. During subsequent semesters, these students shall be subject to all provisions of this policy. Provisionally admitted transfer students must meet the same regular admission requirements as individuals admitted to the University for the first time. A complete record of past remedial course work and CPE or COMPASS scores must be on file in the Savannah State University Office of Admissions before admission.

Early Admission

- Students who have completed the eleventh grade in high school and who have demonstrated outstanding ability towards academic achievement will be considered for early admission. The University will consider students for early admission only upon written recommendation from their high school principals or counselors. To be admitted early, students must satisfy all of the following criteria:
- Have a minimum Scholastic Aptitude Test (SAT I) score of 970 (with not less than 530 Critical Reading SAT/23 ACT English and 530 Math SAT/22 ACT Math), combined verbal and mathematics sections, or the ACT composite score no less than 23;
- Have at least a minimum cumulative high school grade point average of 3.0 or numerical average of 80 or higher in academic subjects;

- Be exempt from all Student Academic Assistance or Learning Support requirements;
- Submit written recommendation from their high school principal or counselor;
- Present written consent of parents or guardian (if students are minors); and
- Have completed the University System of Georgia College Preparatory Curriculum requirements with the following exceptions:
 - Students with SAT I Critical Reading scores of at least 530 (or ACT English of at least 23), who have not completed the final unit of high school English and/or social science, may be permitted to fulfill these high school requirements with the appropriate university course taken through the joint enrollment or early admissions program.
 - Students with SAT I Math scores of at least 530 (or ACT English of at least 23), who have not completed the final unit of high school English and/or social science, may be permitted to fulfill these high school requirements with the appropriate university course taken through the joint enrollment or early admissions program.
 - Students who have not completed the College Preparatory Curriculum requirements may be admitted through the joint enrollment program if they are enrolled in the necessary high school courses and are scheduled to complete the requirements by the end of their senior year.

College Enrollment as a High School Student

Joint Enrollment of High School Students

If you're a high school student who desires to get a head start on your college education, Savannah State University offers several options.

Joint Enrollment

The joint enrollment program is designed for high school juniors and seniors who wish to enter college on a part-time basis and earn college credit while they complete their junior and/or senior year of high school. You must have prior approval from your parents and high school counselor or principal. The student must earn a minimum of 970 total on the SAT or 23 ACT composite. The requirements for enrollment in college level English and Math is a minimum of 530 Critical Reading SAT or 23 ACT English and 530 Math SAT or 22 Math ACT.

ACCEL- HOPE Program

The Accel Program is for students classified as high school juniors and seniors at accredited public or private high schools in the state of Georgia, and is operated in all school terms except summer. The program allows students to pursue postsecondary study at Savannah State University, while receiving dual high school and college credit for courses successfully completed.

Courses pursued by students under this program must come from the approved course directory (found at www.gsfc.org) which is supplied to high school counselors in the state. Courses are available only in the areas of the core graduation requirements for college preparatory students: English; Mathematics; Social Studies; Science; Foreign Language.

At Savannah State University the program pays for tuition and a portion of the mandatory fees and provides participating students with a book allowance, in keeping with the benefits provided by the HOPE Program. Students are required to pay the balance not covered by the HOPE program. Transportation and other expenses are the responsibility of the student, including tuition and other expenses for non-core courses, if any are taken.

Although successful completion of designated high school coursework is necessary for student success in college, those few students who score at the upper five percent of all students nationally on the SAT I have demonstrated potential for success in college.

- Students who demonstrate very high academic ability by achieving a composite SAT I Total (Critical Reading + Math) score in the upper five percent of national college-bound seniors according to the most recent report from the College Board and who show other evidence of college readiness may be admitted under this section. (An ACT score which is equivalent to this SAT I score may also be used.) Institutions must carefully evaluate such students to determine their ability to benefit from college coursework. Students must satisfy any CPC deficiencies in areas other than English or mathematics. For 2007-2008 admissions the SAT score at the 95th percentile is 1370 and the comparable ACT Composite score is 31.

Students who do not necessarily meet all of the above criteria but who demonstrate very high academic abilities through their SAT or ACT performance may be permitted to enroll in college courses at the discretion of the Savannah State University, after documentation of academic maturity and minimum score requirements of at least:

- 700 on the SAT I Mathematics test (or 31 on ACT Mathematics) to enroll in college courses that require advanced mathematical ability;

- 700 on the SAT I Critical Reading test (or 31 on ACT English) to enroll in college courses that require advanced verbal ability; and
- In addition, students with extremely high total SAT I or ACT Composite scores may be admitted through the provision for Students with Outstanding Scores.

Application Process/Application Procedure

The student must complete an application for admissions and pay a \$20.00 non-refundable application fee. Request your high school to send an official copy of your transcript to be sent directly to the Admissions Office. Submit official test scores from either the College Board Scholastic Aptitude Test (SAT I) or The American College Testing Program (ACT). We will accept scores posted on high school transcripts. Submit recommendations from your guidance counselor and parents or a signed joint enrollment form or the ACCEL application from your high school signed by your high school guidance counselor and your parents.

International Students

Savannah State 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.

Students from a country other than the United States who are interested in attending Savannah State University should write to the Office of Admissions, Savannah State University, Savannah, Georgia 31404, USA, and submit a completed application along with a \$20.00 application fee in the form of a money order or certified check. Applications must be submitted at least ninety days prior to the beginning of the anticipated semester of enrollment.

Applicants must have the equivalent of a USA high school diploma and the equivalent of a 2.0 minimum grade point average on academic work only (on a 4.0 scale).

Savannah State University does not evaluate high school or college coursework completed outside of the United States. An official International Record evaluation must be completed by a university recognized agency. Please review the university website for a complete listing of agencies.

Applicants must provide evidence of English language proficiency through the TOEFL, Language school records and scores from all tests must be sent to the Office of Admissions. The minimum acceptable TOEFL on the paper version is 523 the score on the computerized version is 193. A score of 70 is the minimum for the Internet based exam. Freshman applicants must also sit for the SAT.

Applicants may be required to take a university placement exam as well.

Applicants must submit evidence of financial ability to pursue a full-time education in this country since no financial aid is available for international students. All international students are required to pay out-of-state tuition.

After all of the above conditions have been met, the Immigration Form I-20 (Certificate of Eligibility) needed to obtain a student VISA will be issued to applicants. Applicants must pay the Student and Exchange Visitor Information System (SEVIS) fee and make an appointment for an F-1 Visa and must be granted the student visa prior to enrollment.

International students with a student visa are required to carry a full course of study in every semester, except summer. A minimum course load at Savannah State University is twelve semester hours for undergraduate students and nine semester hours for graduate students.

Resident aliens must present their Alien Registration card as proof of their official status to the Office of Admissions.

All international students must be prepared to obtain adequate health and accident insurance while they are attending Savannah State University. Prior to registration, they must provide proof of insurance and a local street address. A mandatory health insurance program is required for undergraduate and graduate students.

International students must take a proficiency test in both reading and writing (Michigan Test of English Language and a writing test) during their sophomore year. Students who fail either or both tests will be required to enroll in remedial courses.

The University's international student advisor assists international students on campus and in the community. There is an active International Students Association.

Admission to Engineering Degree Programs

Students admitted to engineering degree programs will be able to qualify for the Georgia Tech engineering degree by completing the equivalent courses included in freshman and sophomore years of the engineering discipline in which the student intends to major at Georgia Tech with a 2.7 (3.0 for the out of state student) or higher GPA.

The freshman admission criteria for the Engineering Degree Programs as well as Dual Degree Program are the same as regular freshman admission criteria.

The freshman admission criteria for direct admission in the Regents' Engineering Transfer Program (RETP) and Georgia Tech Regional Engineering Program (GTREP) are as follows:

- A combined SAT score of at least 1090 (including a minimum of 560 on the math and 440 on the verbal portion)
- A high school GPA of at least 3.0 or
- Have been admitted to an engineering program at Georgia Tech.

Student must be a resident of Georgia to be eligible for the RETP.

Special Admission Categories

Nontraditional Students

Applicants who have not attended high school or college within the previous five years and who have earned fewer than 30 transferable semester hours of college credit are not required to take the SAT or ACT. However, these applicants will be required to take the Collegiate Placement Examination or COMPASS and the Writing Assessment and complete any Student Academic Assistance requirement(s). Students admitted under this category must complete 30 hours of college credit with a minimum 2.0 grade point average and fulfill Student Academic Assistance requirements in order to be granted regular admission status.

Post-Baccalaureate/Non-Degree Students

Applicants who desire to enroll in courses that do not require Student Academic Assistance prerequisites may be admitted to enroll in no more than 9 semester hours after providing documentation of earning the equivalent of a high school diploma and applying for admissions as a non-degree student. Applicants who possess a baccalaureate degree from an accredited college or university may enroll as post-baccalaureate students after submitting an official college transcript showing completion of a baccalaureate degree. There is no limitation on the number of hours of undergraduate credit these students can earn.

This category is temporary, and applicants must complete an application each semester of enrollment. To enter a degree program, fulfillment of all beginning freshman requirements are necessary. Non-degree students must satisfy all prerequisites before enrolling in a course.

Transient Students Enrolling at Savannah State University

Students officially enrolled at another college may apply for the privilege of temporary registration at Savannah State University. These students will ordinarily be expected to return to their home institution.

Transient students are admitted for only a specified time, normally one term. These students must file a regular Application for Admission form, submit a University System of Georgia Certificate of Immunization, submit a statement of good standing from their home institution, and have home institution's permission to take specific courses at Savannah State University. An application fee of \$20.00 is also required. Since transient students are not admitted as regular students, transcripts of college work completed elsewhere are not required for admissions. A transcript of coursework verifying prerequisites have been met may be required by departments. The College of Business and Department of Social Work require documentation of prerequisites completion.

Transient students who wish to enroll at Savannah State University for a subsequent term must submit (from their home institutions) another statement of good standing and another permission to take specific courses.

Transient students who later wish to apply as transfer students to Savannah State University must meet all requirements for transfer applicants and must submit transcripts from all institutions attended.

Georgia Resident Senior Citizens/Persons 62 or Older

Persons who are 62 or older may enroll as regular students in credit courses on a space available basis without payment of fees. Students must pay for their supplies and laboratory or special course fees. They must be residents of the State of Georgia and must present a birth certificate or comparable written documentation of age to enable the Office of Admissions to determine eligibility. They must meet all admission and degree requirements.

Special Students

All students in classifications not otherwise covered in the University's admissions categories shall be required to meet all requirements prescribed for admission to undergraduate or graduate programs and to meet any additional requirements prescribed by the University. Exceptions may be made only with written approval of the Chancellor of the University System of Georgia.

Auditors

Students who submit evidence of graduation from an accredited high school or a GED certificate which satisfies the minimum score requirement of the State of Georgia may register as auditors. Under extraordinary circumstances, the President may waive the requirement of a high school diploma or equivalent. Students registered as auditors shall be required to pay the regular fees for enrollment and shall be prohibited from receiving credit at any later time for course work that they completed as auditors. Prior to registration, students must complete a request for Audit of Course Form and indicate this category on the course schedule planning and registration form.

Faculty members of Savannah State University may attend classes offered by other faculty members if space is available without registering as auditors, but they may not receive credit.

University System Employee/Tuition Remission Program

Savannah State University and the University System of Georgia encourage full-time faculty, staff, and administrators to participate in professional development study by remitting or reimbursing tuition for those courses that have been authorized. These courses should be clearly related to employment consistent with the current Savannah State University guidelines regarding tuition remission. Detailed information and forms are available in the Office of Human Resources.

Full-time employees who meet admission requirements and who receive prior authorization from their supervisor and the Director of Human Resources may register for up to eight semester credit hours per term on a space available basis at Savannah State University.

Full-time employees who meet admission requirements and who receive prior authorization from Savannah State University may register for up to eight semester credit hours per term at any other University System institution. Upon successful completion of the course with a grade of "C" or better, Savannah State University will reimburse its employees for tuition and fees.

Full-time employees from other institutions must meet Savannah State University admission requirements and receive prior approval from their institution. Any remission of tuition and fees is the responsibility of the home institution of these employees.

Armstrong Atlantic State University Student Exchange Program

Students who are enrolled at Savannah State University, or Armstrong Atlantic State University, and who are taking at least 12 semester hours (full-time enrollment) at the home institution may take courses at the other institution without paying additional tuition (up to a maximum combined total of 18 credit hours). Students who qualify to take an overload at their home institution may exceed the 18 credit hours limit. After successful completion of the exchange courses, the exchange student must request a transcript from the host institution and require that it be sent to the home institution so that their work can officially become transfer credits at the home institution.

Student Exchange Form Instructions

Students must complete any required applications and the exchange form at their home institution, have the form signed by the Registrar at the home institution, and have the forms stamped "Paid" by the Cashier's Office of the home institution. Also, schedule printout of home institution classes must be submitted with the required documentation.

Students should take the completed documentation to the host institution's Offices of Admissions, Registrar, and Cashier to complete registration there. The form will serve as proof of fee payment.

Students must complete an application for each semester of enrollment. Immunization forms must be on file at both institutions, and students must pay the appropriate application fee.

Upon successful completion of the course, students should request that the office of the registrar, at the exchange institution, send a transcript to their home institution.

College Credit by Examination and Experiences

On the basis of scores on the College Board Advanced Placement Examination program, Savannah State University gives advanced placement or in some cases college credit, for college-level, high school courses upon approval by the appropriate department chair at Savannah State University.

AP- Advanced Placement

Savannah State University grants credit for College Board Advanced Placement exam with a score of 3 or higher. Applicants must request the official score report to be mailed to the university

IB- International Baccalaureate Diploma and Certificates

Students who have participated in International Baccalaureate Programs in their high schools are welcomed at Savannah State University. In many circumstances, college credit is granted based on exemplary performance in IB courses. Applicants not earning the International Baccalaureate Diploma but did earn a certificate in one or more higher level International Baccalaureate (IB) courses are awarded specific course credit with a score of 4 or higher. The official transcript must be submitted to the Office of Admissions.

CLEP- College-Level Examination Program

College credit may be granted for satisfactory scores on selected tests of the College-Level Examination Program (CLEP). Applicants must verify with the university testing office for an updated list of exams and equivalent courses. The DANTES is accepted as well.

College Credit for Military Experience and Training

Students who wish to have their military experience and training evaluated for college credit should submit a copy of appropriate form to the Office of Admissions. Veterans should submit DD Form 214, and active duty military personnel should submit DD Form 295. Active duty Army personnel and soldiers discharged since October 1, 1986, should also provide a copy of their Army/American Council on Education Registry Transcript.

For satisfactory completion of appropriate courses and tests offered through the United States Armed Forces Institute (USAFI), and for military service schools and experience as recommended by the Commission on Accreditation of Service Experiences of the American Council on Education. Credit by examination and correspondence or extension study may not exceed one-fourth of the work counted toward a degree.

Re-Admissions to Savannah State University

Students who have remained out of the University for two or more semesters (excluding summer terms) must apply for readmission by completing the readmission form and returning it to the Office of the Registrar by the established application deadline. Students who have attended other colleges in the interim are considered transfer students and must submit official transcripts of all colleges attended and must complete an application in the Office of the Undergraduate Admissions. Former Savannah State University students are not required to pay an application-processing fee when they apply.

Former students who leave the University prior to completing Student Academic Assistance requirements and/or satisfying College Preparatory Curriculum deficiencies will not be allowed to return to the University as transient students from other institutions without transcripts from those schools. Students who are readmitted after an absence from the University for more than two years must meet degree requirements in effect in the current catalog at the time of their return (see Academic Regulations).

Right of Appeal of Admissions Denial

In all matters concerning admissions, the students may appeal by writing to the Office of Admissions and clearly stating the basis for an appeal. The request will be considered by the Admissions Committee.

A written appeal must be received in the Office of Admissions by 20 days before the first day of registration for classes for the semester for which the applicant is seeking admission.

Readmit applicants may appeal by submitting a letter to the Admissions Committee prior to first day of registration. Individuals failing to satisfy the deadline may submit their appeal for the following semester.

Financial Information

Bursar's Office

The Bursar's Office is responsible for student billing and revenue collection. The office is also responsible for collecting and posting payments on student's accounts, processing refunds from overpayments, and calculating university withdrawals. The Bursar's Office contains two major components to carry out its functions, the Cashier's Office and Student Accounts.

Undergraduate Fee Schedule Fall 2011 – Summer 2012

Commuter Students

Fees Per Semester	In-State Tuition	Out-of-State Tuition
Tuition (15 or more credit hours)	\$2,201.00	\$8,008.00
Health Fee	\$67.00	\$67.00
Student Activity Fee	\$55.00	\$55.00
Athletic Fee	\$271.00	\$271.00
Institutional Fee	\$202.00	\$202.00
Student Center/Stadium Facility	\$160.00	\$160.00
Transportation Fee	\$10.00	\$10.00
Technology Fee	\$50.00	\$50.00
Total	\$3,016.00	\$8,823.00

Boarding Students

Fees Per Semester	In-State Tuition	Out-of-State Tuition
Tuition (15 or more credit hours)	\$2,201.00	\$8,008.00
Health Fee	\$67.00	\$67.00
Student Activity Fee	\$55.00	\$55.00
Athletic Fee	\$271.00	\$271.00
Institutional Fee	\$202.00	\$202.00
Student Center/Stadium Facility	\$160.00	\$160.00
Transportation Fee	\$10.00	\$10.00
Technology Fee	\$50.00	\$50.00
Meal Charges	\$1,796.00	\$1,796.00
Room Charge	\$1,506.00	\$1,506.00
Mailbox Fee	\$8.00	\$8.00
Laundry Fee	\$30.00	\$30.00
Total	\$6,356.00	\$12,163.00

Other Fees

Parking Decal – Commuters	\$35.00/year
Parking Decal – Residents	\$40.00/year
Parking Decal – General	\$75.00/year
Parking Decal – Reserved	\$135.00/year
Transcript Fee	\$4.00 each
Late Registration	\$100.00/semester
Key Replacement	\$20.00/occurrence
Key Replacement – PO Box	\$15.00/occurrence
ID Replacement	\$35.00/occurrence
Removal-Incomplete Grade	\$2.00
Room Application Fee	\$50.00/year
Studio Art Class	\$50.00/semester
Science Lab Fee	\$30.00/semester
Graduation Fee – Undergraduate	\$50.00
Graduation Fee – Graduate	\$50.00
Late Graduation Fee	\$25.00
Library Fine	\$15.00
Major Field Test Fee	\$25.00
New Student Orientation Fee	\$75.00
Alcohol/Marijuana Fine	\$500.00
Returned Check	\$25.00 or 15%, whichever is higher not to exceed \$85.00

The University reserves the right to make changes in its fees at the beginning of any semester and without prior notice.

(All rates and fees are subject to change without notice)

Fees are due and payable at registration. Please make a personal check, cashier's check, bank or postal money order payable to Savannah State University.

Housing and Food Service Rates (fees per semester)**Traditional Residential Facilities**

Single Occupancy Room	\$1,790.00
Double Occupancy Room	\$1,506.00

Freshman Living Learning Center Clusters

Two Person	\$2,621.00
Four Person (Double)	\$2,490.00
Four Person (Double as Single)	\$2,753.00
Eight Person (Single)	\$2,359.00
Eight Person (Double)	\$2,227.00

Eight Person (Double as Single)	\$2,490.00
Summer Two Person	\$1,479.00
Summer Four Person (Double)	\$1,412.00
Summer Four Person (Double as Single)	\$1,478.00
Summer Eight Person (Single)	\$1,331.00
Summer Eight Person (Double)	\$1,259.00
Summer Eight Person (Double as Single)	\$1,405.00

University Village (Apartments)

One Bedroom/One Bath	\$3,035.00
Two Bedroom/One Bath	\$2,703.00
Four Bedrooms/Two Baths	\$2,541.00
Summer One Bedroom/One Bath	\$1,716.00
Summer Two Bedrooms/Two Baths	\$1,528.00
Summer Four Bedrooms/Two Baths	\$1,436.00

University Commons (Apartments)

1 bed/1 bath	\$2,958.00
2 beds/1 bath	\$2,710.00
2 beds/1 bath (master)	\$2,770.00
3 beds/2 baths	\$2,648.00
3 beds/2 baths (master)	\$2,710.00
4 beds/2 baths	\$2,588.00
4 beds/2 baths (master)	\$2,648.00
Summer 1 Double/1 bath	\$1,667.00
Summer 2 beds/1 bath	\$1,476.00
Summer 2 beds/1 bath (master)	\$1,509.00
Summer 3 beds/2 baths	\$1,444.00
Summer 3 beds/2 baths (master)	\$1,476.00
Summer 4 beds/2 baths (master)	\$1,444.00

New Freshman Residential Facilities

New Freshman – Semi Private	\$2,600.00
New Freshman – Single Occupancy	\$2,800.00

Food Services (fees per semester) * §**Boarding Student – Fall/Spring**

5 meals/week	\$628.00
(meal plan reduction for medical disabilities and off-campus employment)	

Upperclass Students

10 meals/week + 200 dining dollars/semester	\$1,256.00
14 meals/week	\$1,256.00

Freshmen

15 meals/week + 200 dining dollars/semester	\$1,796.00
20 meals/week	\$1,796.00

Commuter Plans

10 meals per semester	\$66.00
25 meals per semester	\$162.00
50 meals per semester	\$335.00
100 meals per semester	\$523.00

***Note: All resident students are required to purchase a meal plan.**

§Note: There is no refund for missed meals or carry-over meals to another semester during the meal contract period.

Refund Policy

Formal withdrawal must begin with a written request in the Office of Academic Affairs. Failure to officially withdraw from the institution will result in the assessment of charges up to the date the university becomes aware of non-attendance. No refunds for reduction in academic loads or student services are allowed unless such reductions are necessitated by schedule changes initiated by the University. Students suspended or expelled for disciplinary reasons are not entitled to a refund of any deposits or fees paid.

Students who are members of the Georgia National Guard or other reserve components of the armed forces who receive emergency orders to active duty are entitled to a full refund of matriculation fees paid for that semester, in accordance with guidelines promulgated by the chancellor. Military personnel on active duty in the armed forces who, before the end of their present station assignment, receive emergency orders for a temporary or permanent change of duty location are entitled to a full refund of tuition paid for that semester, in accordance with guidelines promulgated by the chancellor.

The refund amount for students withdrawing from the institution shall be based on a pro rata percentage determined by dividing the number of calendar days in the semester that the student has completed by the total calendar days in the semester. The total calendar days in a semester includes weekends, but excludes scheduled breaks of five or more days and any days that a student was on an approved leave of absence. The unearned portion shall be refunded up to the point in time that the amount earned equals 60%.

Students that withdraw from the institution when the calculated percentage of completion is greater than 60% are not entitled to a refund of any portion of institutional charges.

Refund of elective charges (room and board) for withdrawing from the institution during a semester will be made on a prorated basis determined by the date of withdrawal. Commuter meal plans may not be refunded.

A refund of all matriculation fees and other mandatory fees shall be made in the event of the death of a student at any time during the academic session. Refunds to students who are recipients of Title IV funds will be made in accordance with federal laws and regulations in effect at that time.

The refund amount returned to SFA Programs will be distributed in the following order: Federal Unsubsidized Direct Stafford Loan, Federal Subsidized Direct Stafford Loan, Federal PLUS Loan, Federal Perkins Loan, Federal Pell Grant, FSEOG, Other Federal, State, Private, Institutional Aid and the Student.

Financial Aid

Application for Financial Aid

Students applying for financial aid must complete the Free Application for Federal Student Aid (FAFSA) or the renewal FAFSA if they have received aid before from the Federal Student Aid Programs. They must answer all questions on the form and list Savannah State University (**school code – 001590**) as one of the institutions they plan to attend. In approximately four weeks, they will be mailed a Student Aid Report (SAR). FAFSA on the web is available at www.fafsa.ed.gov

If the FAFSA is selected for the verification process, students must provide requested documents, records and materials promptly to the Office of Financial Aid (OFA). Students who fail to submit paperwork will not be awarded financial aid and may become ineligible to receive certain funds from a particular program. Students will be awarded financial aid upon their admittance to the University.

Federal Pell Grant

Undergraduate students who have not earned an undergraduate or professional degree are eligible for Pell Grants. The grants provide a foundation of financial aid to which other aid may be added.

Academic Competitiveness Grants

To receive the Academic Competitiveness Grant (ACG), a student must have successfully completed a rigorous secondary school program of study. They must also be Pell Grant eligible, a U.S. citizen and be enrolled full-time in either their first or second academic year of an eligible program of study. Second year students must have successfully completed their first year with at least a 3.0 cumulative grade point average. The ACG for the first year is \$750 and \$1,300 for the second year.

National Science and Mathematics Access to Retain Talent Grants

The National Science and Mathematics Access to Retain Talent Grant (National SMART Grant) is for Pell Grant eligible students that major in physical, life or computer science, engineering, mathematics, technology, or a critical foreign language. SMART grant recipients must also be a U.S. citizen enrolled full-time in their third or fourth academic year of their program of study with a cumulative GPA of at least 3.0 on a 4.0 scale. The National SMART Grant is \$4,000 for each of the third and fourth years.

Federal Supplemental Educational Opportunity Grants

The Supplemental Educational Opportunity Grant (FSEOG) is for undergraduates who have exceptional financial needs. These include students with the lowest Excepted Family Contributions (EFCs), and given to students who receive federal Pell Grants.

Federal Work-Study

The Federal Work-Study Program provides jobs for undergraduate and graduate students with financial needs. The program encourages community service work and work related to the students' course of study.

Federal Perkins Loan

A Perkins Loan is a low-interest (5%) loan for both undergraduate and graduate students with exceptional financial needs. Repayment for this loan begins six months after enrollment at the University ends.

Federal Direct Loan

Low-interest loans for students and parents (PLUS) are available through the Federal Direct Student Loan Program. Under this program, the federal government makes loans directly to students and parents through schools.

First-time borrowers in the student loan program at Savannah State must attend a loan counseling session before any loan funds can be credited to their account or disbursed to them. Loan counseling sessions are held each Wednesday at 10:00 a.m. and 2:00 p.m. All borrowers are required to show proof that they attended a loan counseling session before the cashier's office will release loan funds.

HOPE Scholarship Program (Helping Outstanding Pupils Educationally)

The HOPE Scholarship is a reward for scholastic achievement and an incentive to continue working hard in school. Students eligible to receive a HOPE scholarship must have graduated from high school with a grade point average of 3.0, continue to maintain a 3.0 at a Georgia college or university, apply for a federal Pell Grant, meet Georgia residency requirements, be a U.S. citizen, meet selective service registration requirements, not be in default or owe on federal or state financial aid, and maintain satisfactory academic progress. Also, they must have a completed file in the Office of Financial Aid by mid semester of the term in which they expect to receive payment; otherwise, payment will not be made for that particular semester.

If, after attempting 30 semester or 45 quarter hours, or at the end of the Spring term, or at the end of the first three enrolled terms as a less-than-full-time student, you fall below a 3.0 cumulative grade point average, you may continue your college studies at your own expense. If you then earn a 3.0 cumulative grade point average at the completion of your sophomore year (60 semester or 90 quarter hours attempted) or your junior year (90 semester or 135 quarter hours attempted), you may reenter the HOPE scholarship program.

Institutional Work Program

The Savannah State University student employment program helps students locate part-time employment within various departments on campus.

Scholarships

Savannah State University offers scholarships to undergraduates and graduates from private, federal, state and university-funded sources. Both undergraduate and graduate students may apply for scholarships. The eligibility requirements for each scholarship vary. Criteria for merit-based scholarships include academic achievement, standardized test scores, extracurricular activities, awards, and honors.

Students with GPA's from 2.0 to 2.9 are also encouraged to apply.

Submit a [scholarship application](#) to be considered for an award for the upcoming academic year.

If selected to receive a private scholarship, a student must prepare a *Scholarship Thank You Letter* and have it validated by the University's Stewardship Coordinator **BEFORE** receiving the scholarship award. [Guidelines](#) for and assistance with preparing the thank-you letter is available in the Office of University Advancement on the 1st floor of Gardner Hall.

For more information, contact the Office of Financial Aid at (912) 358-4162 or finaid@savannahstate.edu.

Athletic scholarship information is available through the Athletic Department at (912) 358-3449.

ROTC Scholarships

Army and Navy ROTC Scholarships are available. For information regarding these scholarships, contact the Army ROTC Program at (912) 358-4272 and/or the Navy ROTC Program (912) 358-3095.

Savannah State University's Policy for Determining Student Withdrawals

In compliance with the Higher Education Amendments of 1998, Public law 105-244, Savannah State University will begin implementing these new provisions effective October 7, 2000. The current provisions require all schools participating in the SFA Programs to use specific refund policies when a student who receives SFA Program funds ceases attendance. In addition, the current provisions specify an order of return of unearned funds from all sources of aid, not just the SFA Programs.

Unofficial Withdrawals: If a student does not begin the withdrawal process or otherwise notify the university of his/her intent to withdraw, the withdrawal date will be the midpoint of the payment period for which SFA Program assistance was disbursed or a later date documented by the university.

Official Withdrawals: A calculation will be made on all financial aid recipients to determine whether a student who completely withdraws during a term has "earned" the monies disbursed. A student "earns" his/her aid based on the period of time they remain enrolled. During the first 60% of the term a student earns financial aid funds in direct proportion to the length of time the student remained enrolled. Beyond the 60% point all aid is considered earned. The responsibility to repay "unearned" aid is shared by the Institution and the student in proportion to the aid each is assumed to possess. For more details concerning withdrawals by students with financial aid, please contact the Office of Financial Aid.

Satisfactory Academic Progress (SAP) Guidelines for Student Financial Aid

Savannah State University is required by the U.S. Department of Education to establish minimum standards of Satisfactory Academic Progress (SAP) to include quantitative (time frame) and qualitative (GPA) measurements. **Satisfactory Academic Progress (SAP)** means a student is proceeding in a positive manner toward fulfilling their degree requirements.

The Office of Financial Aid will measure students' SAP at the end of each Spring semester and the new status is effective with the following term. The following policy is effective for semesters beginning on or after Summer Session 2010. An academic year consists of a Fall/Spring combination-i.e., Fall Semester 2009 and Spring Semester 2010. Students that do not meet the minimum standards of SAP are ineligible for financial aid.

The Satisfactory Academic Policy applies to all students, part-time, full-time, undergraduates, and graduates.

Quantitative

Students must successfully complete credit hours (earned hours) at the minimum percentage (%) of attempted hours according to the scale below. Hours attempted also include courses with a grade of IP, W, F, U, WF and all accepted transfer hours. Repeated courses are counted in hours attempted. Also see section on **Time Frame**.

Qualitative

Students must maintain the minimum cumulative grade point average according to the scale below.

Attempted Hours	% Earned Hours	Minimum Cumulative GPA
1 – 30	25%	1.50
31 – 60	40%	1.75
61 – 90	55%	2.00
91+	67%	2.00
Graduate 1 – 54	70%	3.00

Time Frame

Undergraduate students (including transfer students) enrolled in a four-year degree program have a maximum number of credit hours in which to complete their degree program, 150% of the degree required credit hours. For example, if a program requires 131 credit hours, a student is allowed 196 credit hours to receive financial aid. **Time frame should be considered carefully when changing majors.**

Graduate

Students enrolled in a Master's degree program have a maximum of 54 credit hours attempted to complete their degree requirements.

Appeal of Financial Aid Suspension

Failure to meet or exceed the SAP standards will result in suspension from financial aid eligibility until such time as the student fulfills quantitative and qualitative measures. In addition, if a student withdraws from one or more courses during the semester and he/she is attending based on a granted aid appeal, he/she is placed on financial aid suspension. While on suspension, a student is not eligible to receive any financial aid award including student loans.

A student wishing to appeal financial aid suspension must do so in writing with supportive documentation when possible. The type-written appeal must be attached to the Appeal for Reinstatement Form that is available online or in the Office of Financial Aid (OFA) and must be submitted by August 1st for Fall, December 1st for Spring, and April 1st for Summer. Failure to adhere to this time line will result in the student losing the right to appeal their suspension for the pending semester.

The SAP pamphlet is mailed/emailed each year with the initial award letter. A student is expected to know the policy. The OFA attempts to notify students when they are suspended from the financial aid programs, however, sometimes students do not receive notification due to circumstances beyond the control of the OFA. If a student is not notified of the suspension, that in itself does not excuse a student from the financial aid suspension nor does it exempt a student from appealing in a timely manner.

An Appeals Committee or quorum representation will meet to review appeals and will make its recommendation concerning the appeal. In the event it is not feasible to obtain a quorum to review appeals, the Director of Financial Aid will act on the appeals. The OFA will notify students of the committee's decision. The committee's decision may be appealed to the Vice President of Business and Financial Affairs, by following the guidelines below.

Guidelines for Appeal of the Financial Aid Appeals Committee:

Office of the Vice President for Business and Financial Affairs

Purpose: This information is for students who are interested in appealing the Financial Aid Appeals Committee's decision.

Policy: The University's Satisfactory Academic Progress Policy is in compliance with the regulations established by the US Department of Education. A student is required to progress towards obtaining a degree to maintain eligibility to receive federal financial aid. The policy provides an opportunity:

- to appeal
- to present information about factors that may impact your ability to be academically successful, and
- to present the actions that you have taken to eliminate the impacting factors

Requirement: To appeal the decision rendered by the Financial Aid Appeals Committee, please submit in writing responses to the statements below:

1. Provide a valid mailing address and telephone number.
2. Provide an explanation of the factors that impacted your ability to make satisfactory academic progress.
3. Describe the changes being made that will enable you to perform better academically.
4. Have you contacted SSU's Center for Academic Success to determine which services are available to help you become academically successful? If you have a low percentage of courses successfully completed, you may need to contact your Academic Department Chair or Advisor to determine whether or not you can reach degree requirements with the remaining number of hours to receive federal aid. If so, please describe the plan you have developed with the Center for Academic Success and/or your Academic Department.
5. Provide any additional information you believe supports a decision different than the Financial Aid Appeals Committee's decision.

Any further consideration for you to receive federal financial aid will be based on your appeal demonstrating that you can and have taken steps to perform at a satisfactory academic level.

Please submit this information to the Financial Aid Office. If you have further questions, please call Financial Aid at 912-358-4162 or Business and Financial Affairs at 912-358-3000.

Auxiliary Services

The Auxiliary Services Department is an organization within the Division of Business and Financial Affairs, responsible for providing services both directly and indirectly to students, faculty, staff, and the University community. By policies of the Board of Regents, the Department must be totally self-supporting; no state funds are allocated to the Department. The Department is subject to rules and regulations of the University System of Georgia. Auxiliary Services is committed to providing quality, value, and excellence in customer service, while assuring best uses of available resources.

Currently, Savannah State University's Auxiliary Services Department is responsible for the following: SSU Bookstore, SSU Post Office, dining services, vending services (snack, beverage, and laundry), photocopy services, parking and transportation, and the ID Card Office. For additional information, see <http://www.savannahstate.edu/fiscal-affairs/auxiliary-services.shtml>.

Bookstore

SSU Bookstore is an integral part of the academic and social life of the university. In addition to textbooks and school supplies, students can find a variety of SSU logo clothing and specialty items. There are also many products that will make their lives easier in their student living spaces, such as paper products and personal items.

The bookstore provides a book buy-back at posted times during each semester. For additional information, including hours of operation, please see the SSU Bookstore website.

The SSU Bookstore is located on the first floor of the King-Frazier Complex.

Dining Services

Savannah State University has been defined by the Board of Regents of the University System of Georgia as a residential institution. Therefore, the University must provide on-campus facilities for room and board. All students who live in on-campus housing must purchase a meal plan. Freshman students must purchase a full (20-meals-a-week) plan; non-freshman students must purchase at least a 14-meals-a-week plan. Students assigned to on-campus housing will be automatically billed via the Banner Student Information System accordingly. There is no refund for missed meals, and meals do not carry over from one semester to another during the meal contract period. Resident students leaving housing will be billed for meal plans on a prorated basis. Commuter meal plans are available for off-campus students. Additional information is found on the SSU Dining Services website.

Laundry

Washers and dryers are found in all of the residence halls. Resident students pay a fee each semester for laundry, and can use the machines without further charges. Laundry supplies can be purchased in the bookstore.

Parking

Resident students and commuter students who have a car on campus are required to purchase a decal which entitles them to park in one of the parking areas designated for students. Vehicles on campus without appropriate decals, or who are parked inappropriately, are subject to ticketing, booting, and/or towing.

Photocopying

Student coin-operated copiers are located throughout campus. In addition, students can have color or higher volume documents printed at the Document Center for a fee.

SSU Mail Center

The SSU Mail Center is located on the first floor of the King-Frazier Complex. Stamps can be purchased and letters or packages can be mailed. Resident students are each charged a nominal fee for a mailbox. The service window is open from 8:30 a.m. to 4:30 p.m., Monday – Friday, except for University Holidays.

SSU ID Card Office

The SSU ID Card Office is on the first floor of the King-Frazier Complex. All students must carry their SSU ID Card at all times while they are on campus. SSU ID Cards can be used for meal plans, residence hall access, computer lab, printing, and photocopying and mail center purchases. Funds can be placed on the card using the PHIL (machine closest to the window outside the Savannah Ballroom) in the King-Frazier Student Center.

Computer Services and Information Technology

Computers and technology are integral parts of the University. They facilitate teaching, learning (both online and traditional) and administrative functions. The University maintains a state of the art local-area network through state and federal funding.

The University's infrastructure is supported by a campus-wide fiber optics backbone and wireless network, connecting campus users to speeds up to 1 gigabit (GB). Internet connectivity is supported by PeachNet, supplying a 50-megabit (MB) Internet path for faculty, staff, and administrators and a dedicated 100-megabit Internet path for the residential network. The University's supporting applications include electronic mail; a campus-wide distributed messaging system, a university web site (<http://www.savannahstate.edu>), door card access, and communication support and remote access services.

Teaching and learning is supported through the establishment of general purpose and specialized computer labs, in both PC and MAC formats, in academic and residential facilities. The University offers distance education through Video Conferencing and Blackboard Vista to deliver distributed e-learning. The Center for Academic Success (CAS) supports the design and development of online and web-enhanced courses as well as faculty training for course navigation. The University's library offers online services with access to Galileo Interconnected Libraries (GIL) - a Board of Regents supported Web-based virtual library, satellite down links, a SSU/GaTech Regional Engineering Program (GTREP), and local centralized application support.

The University's administrative functions are supported through SunGard's Banner - a student information system, PeopleSoft Financials and Human Resources systems, an automated work order system, electronic building security, and Blackbaud - an alumni financial system.

The University strives to stay in the forefront of technology to better facilitate the services to and education of its student population.

Core Curriculum

All students, regardless of major, must complete the University's core curriculum (Areas A – E). The core curriculum consists of sets of specific courses drawn from across the University's curriculum which are usually completed prior to undertaking major field preparation. All students should complete the forty two (42) hours of core curriculum requirements during the first two years and prior to enrollment in their major classes. Area F (courses appropriate to the program of study) consists of 18 hours.

Note: In addition to the core, students must also complete five additional university hours (see page 69).

Core Area A – Essential Skills

9 hours

ENGL 1101	Composition I	3 hours
ENGL 1102	Composition II	3 hours
MATH 1111	College Algebra*	3 hours
MATH 1113	Pre-Calculus**	3 hours

* For non-science majors

**For science majors

Because these are “essential skills” all courses in this area must be completed with a grade of “C” or higher.

Core Area B – Institutional Options

5 hours

AFRS 1501	Survey of African-American Experience	2 hours
HUMN 1201	Critical Thinking & Communication	3 hours

Core Area C – Humanities/Fine Arts

6 hours

Select one of the following:

ENGL 2110	World Literature	3 hours
ENGL 2121	British Literature I	3 hours
ENGL 2122	British Literature II	3 hours
ENGL 2131	American Literature I	3 hours
ENGL 2132	American Literature II	3 hours
ENGL 2222	African American Literature	3 hours
RPHS 2101	Introduction to Philosophy	3 hours
RPHS 2241	Ethics	3 hours

Select one of the following:

ARTS 1101	Introduction to Visual Arts	3 hours
ENGL 2521	Introduction to Film Appreciation	3 hours
HUMN 2011	Humanities	3 hours
MUSC 1101	Introduction to Music	3 hours
THEA 2101	Introduction to Theatre	3 hours

Core Area D – Science, Mathematics & Technology

Option I – Non-Science Majors

10 hours

Non-science majors can take any science course to satisfy the requirements for Area D without having to submit a course substitution form.

ASTR 1010	Introduction to Astronomy	3 hours
BIOL 1103	General Biology	3 hours
BIOL 1104	Human Biology	3 hours
CISM 1130	Computer Applications	3 hours
CSCI 1130	Computer Applications	3 hours
CSCI 1301	Computer Science I	3 hours
ENVS 1140	Environmental Issues	3 hours
FSCI 1101	Intro to Molecular Forensic Science	3 hours
ISCI 1101	Integrated Science I	3 hours

Option I – Non-Science Majors, continued

Select one 4 hour course or one 3 hour course and lab from the following:

BIOL 1103	General Biology I	3 hours
BIOL 1103L	General Biology I Lab	1 hour
BIOL 1104	Human Biology	3 hours
BIOL 1104L	Human Biology Lab	1 hour
CHEM 1101K	Introduction to Chemistry	4 hours
ISCI 1111K	Integrated Science II	4 hours
MSCI 1501K	Introduction to Marine Biology	4 hours
PHSC 1011K	Physical Science I	4 hours
PHYS 1111K	Introductory Physics I	4 hours

Option II – Science Majors

11 hours

Select one 3 hour course:

ASTR 1010	Introduction to Astronomy	3 hours
BIOL 1107	Principles of Biology I	3 hours
CISM 1130	Computer Applications	3 hours
CSCI 1130	Computer Applications	3 hours
CSCI 1301	Computer Science I	3 hours
CSCI 1371	Computing for Engineers & Scientists	3 hours
CHEM 1211	Principles of Chemistry I	3 hours
ENVS 1140	Environmental Issues	3 hours

Select two 4 hour courses or two 3 hour courses and lab:

BIOL 1107	Principles of Biology I	3 hours
BIOL 1107L	Principles of Biology I Lab	1 hour
BIOL 1108	Principles of Biology II	3 hours
BIOL 1108L	Principles of Biology II Lab	1 hour
CHEM 1211	Principles of Chemistry I	3 hours
CHEM 1211L	Principles of Chemistry I Lab	1 hour
CHEM 1212	Principles of Chemistry II	3 hours
CHEM 1212L	Principles of Chemistry II Lab	1 hour
PHSC 1011K	Physical Science I	4 hours
PHSC 1012K	Physical Science II	4 hours
PHYS 1111K	Introductory Physics I	4 hours
PHYS 1112K	Introductory Physics II	4 hours
PHYS 2211K	Principles of Physics I	4 hours
PHYS 2212K	Principles of Physics II	4 hours

Core Area E – Social Sciences

12 hours

POLS 1101	American Government	3 hours
POLS 2401	Global Issues	3 hours

Core Area E – Social Sciences, continued*Choose one of the following:*

HIST 2111	U.S. History to the Post-Civil War Period	3 hours
HIST 2112	U.S. History from the Post-Civil War Period to Present	3 hours

Choose one of the following:

AFRS 2000	Introduction to Africana Studies	3 hours
ANTH 1101	Introduction to Anthropology	3 hours
ECON 2105	Principles of Macro-Economics	3 hours
GEOG 1101	Introduction to Human Geography	3 hours
HIST 1111	World History to Early Modern Times	3 hours
HIST 1112	World History Early Modern Times to Present	3 hours
PSYC 1101	Introduction to Psychology	3 hours
PSYC 2103	Human Growth & Development	3 hours
SOCI 1101	Introduction to Sociology	3 hours
SOCI 1160	Social Problems	3 hours

Total Hours Required in the Core Curriculum 42 hours**Area F – Courses Appropriate to the Program of Study 18 hours**

Note: Area F requirements vary according to the major program. See an advisor in the program of study for these requirements.

Additional University Requirements**5 hours***Choose one of the following:*

BUSA 1103	College of Business Administration – Freshmen Year Experience	2 hours
CLAS 1103	College of Liberal Arts and Social Sciences – Freshman Year Experience	2 hours
COMM 1000	College of Liberal Arts and Social Sciences – Freshmen Year Experience -Mass Communications Colloquium	2 hours
COST 1103	College of Sciences and Technology – Freshmen Year Experience	2 hours

Choose one of the following:

HEDU 1101	Concepts in Healthful Living	2 hours
HEDU 1111	Physical Fitness for Life	2 hours
HEDU 1201	Physical Activity & Stress Management	2 hours
HEDU 1211	Physical Activity & Body Composition	2 hours

Choose one of the following:

HEDU 1140	Tennis I	1 hour
HEDU 1150	Beginning Golf	1 hour
HEDU 1301	Weight Training	1 hour
HEDU 1401	Physical Conditioning	1 hour
HEDU 1501	Modern Dance Techniques	1 hour
HEDU 1521	Aerobic Dancing	1 hour
HEDU 1601	Swimming I	1 hour
HEDU 1611	Swimming II	1 hour
HEDU 1621	Aqua Dynamics	1 hour

State Requirement in History and Government

By State law, students who receive a diploma or certificate from a school supported by the State of Georgia must demonstrate proficiency in United States history and government and in Georgia history and government. Students at Savannah State University may demonstrate such proficiency by receiving credit in certain courses: United States and Georgia government POLS 1101 for United States and Georgia government; HIST 2111 or 2112 for United State and Georgia history.

Major Curriculum

In addition to the required core curriculum, which is usually completed in the first two years of college attendance, students will select a major field of study that focuses attention during the second two years of study. Area F of the core curriculum (courses appropriate to the field of study) provides a foundation for the major field of study and should be completed prior to students' undertaking major courses. Plans and requirements for the various major programs are detailed in the sections of this catalog, which describe the University's three colleges.

Minor Curriculum

While students are all required to complete the core and a major curriculum, completing a minor program is an additional option. A minor consists of a set of 15-17 credit hours in a specific field of study. Some major programs require students to complete formal minor programs while others do not. Formal minor programs are established in a variety of fields. Requirements are listed in this catalog along with the departments sponsoring them. Informal minors may be developed by acquiring any set of 18 credit hours of upper-division course work in any field for which such work is offered. Students often find that completing a minor curriculum is a valuable professional asset for use in the highly competitive world following graduation.

Academic Degree Programs

College of Business Administration

<i>Areas of Specialization</i>	<i>Degree</i>
Accounting	BBA
Business Management	BBA
Business Marketing	BBA
Computer Information Systems	BBA
General Business Administration	BBA
Global Logistics and International Business	BBA
Associate of Science Degree	AS

College of Liberal Arts and Social Sciences

<i>Major</i>	<i>Degree</i>
Africana Studies	BA
Behavior Analysis	BSBA
Criminal Justice	BS
English Language and Literature	BA
History	BA
Homeland Security and Emergency Management	BA
Mass Communications	BA
Political Science	BS
Sociology	BS
Social Work	BSW
Visual and Performing Arts	BFA
Associate of Science Degree	AS

College of Sciences and Technology

<i>Major</i>	<i>Degree</i>
Biology	BS
Chemistry	BS
Civil Engineering Technology	BS
Computer Science Technology	BS
Electronics Engineering Technology	BS
Environmental Science	BS
Forensic Science	BS
Marine Sciences	BS
Mathematics	BS
Associate of Science Degree	AS
Associate of Science in Marine Sciences	AS

College of Business Administration

The College of Business Administration offers a four-year professional program that combines general education with broad based programs of education in business. This program is predicated on the philosophy that the best education for business leaders is one which combines professional studies and studies in the liberal arts.

The emphasis on the liberal arts is most significant during the freshman and sophomore years. The major focus during the remaining years of study is on the basic business core, which serves as the foundation upon which students develop a concentration. This education provides graduates with the necessary background for initiating careers in one of the functional areas of business and an appropriate introduction to the tools of management that are necessary for success.

The College of Business Administration offers programs of study leading to the Bachelor of Business Administration degree (B.B.A.). Areas of Specialization programs include accounting, computer information systems, general business, global logistics and international business, management, and marketing. The College also offers the Masters Degree in Business Administration (MBA).

Vision Statement

Building on the rich history of Savannah State University, the College of Business Administration will be a premier, student-centered college in our region, where students can maximize their options and fulfill their potential in an environment that embraces diversity. The College will create an efficient, service oriented culture that is responsive to the needs of students, faculty, staff, alumni and the community.

Mission Statement

The College of Business Administration at Savannah State University is dedicated to delivering quality undergraduate and graduate business programs to a diverse student population. Through innovative instruction, mentoring, applied research, and community involvement, the College develops business graduates who compete effectively in the public and private sectors.

Guiding Values

The following "Guiding Values" were formulated as part of COBA's strategic planning process and adopted by COBA faculty members:

- High Expectations. We believe that students' academic performance rises with high faculty expectations and mentoring.
- Service Learning. We believe that applied experiences enhance student learning and personal growth.
- Ethical Awareness. We believe that integration and reinforcement of ethical and leadership values are essential throughout the students' COBA experience.
- Professional Development. We believe that mastery of business, communication, and interpersonal skills is critical to developing professional and successful students.
- Key Advantages. We believe that access to faculty, technology, innovation, and small class size are key advantages COBA provides to enhance the student learning experience through instructional excellence.
- Diversity. We believe that the college's increasingly diverse learning environment is beneficial to the future of our students.

Accreditation

The College of Business Administration is accredited by the AACSB International, the Association to Advance Collegiate Schools of Business. AACSB International accreditation represents the highest standard of achievement for business schools, worldwide.

Academic Counseling

Students in the College of Business Administration are assigned academic advisors in their area of specialization. Since the advisement process is essential to ensure all prerequisites have been successfully completed prior to enrollment in a particular course, students must consult with their advisors before registering. Students should also work with their advisors to develop a plan of academic progress.

Advisement Process

- Advisor Listing and Academic Grid Sheets (Accounting, Computer Information Systems, Management, and Marketing) are available in COBA Student Services (Jordan 141).
- Prior to registration, students should update Academic Grid Sheet using the degree evaluation tool in PAWS. Instructions are available in COBA Student Services.
- Meet with advisor during their scheduled office hours (bring updated Academic Grid Sheet).

Academic Regulations

- At least 30 semester hours of business courses must be taken in residence, at the College of Business Administration, in order for a student to earn a (B.B.A.) degree from the institution.
- To graduate, Business majors must complete Areas A through F of the core curriculum with a minimum adjusted grade point average of 2.0 and with a grade of "C" or better in each of the following courses: ENGL 1101, ENGL 1102, CISM/CSCI 1130, MATH 1111 and all Area F courses.
- To graduate, business majors must complete, with a grade of "C" or better, all courses in Area F (Business Core), Area G (Foundation Knowledge of Business) and the Area of Specialization (concentration).
- 42 Hour Rule" - Business students may enroll in 3000 level courses in the College of Business Administration after successful completion of 42 semester hours including the courses listed in Area F, provided all course-specific prerequisites have been satisfied. Students will not be eligible to take 3000 level business courses, prior to having completed 60 credit hours (junior standing), until all Area F courses are completed.
- Students who enroll as special students (as defined in this catalog), and who subsequently change their status to degree-seeking, may transfer for credit a maximum of seven semester hours earned while in special student status.

Transfer Students

- The Dean of the College of Business Administration determines eligibility for transfer of credit for business course work which will apply toward business degrees.
- Business courses taken at University System of Georgia universities and senior colleges will transfer if the prerequisites at Savannah State have been satisfied.
- Business courses completed at the lower division level at other institutions will not be awarded transfer credit if these courses are offered at the junior and senior levels at Savannah State University.
- Students with an excess of 30 transfer credit hours of business courses will be allowed to substitute a course for BUSA 1101, if the student transfers in with an excess of 60 hours then that student will be allowed to substitute one course for BUSA 1101 and one course for BUSA 2101.

Transient Students

- Students enrolled at SSU in COBA who would like to be a Transient Student at another college/university for a given semester should follow these instructions:
- Provide COBA-Student Services with documentation that the college/university you would like to attend is accredited at least by a Regional accrediting agency, such as SACS, NEASC, NCACS, NWCCU, or WASC.
- Select the course(s) you would like to take at the college/university; using the course descriptions from both institutions, make sure the course(s) are comparable to a course(s) here at SSU.
- Make a copy of the catalog course description from the other college/university and from Savannah State University.
- If course falls under the schools of CLASS or COST, please have the appropriate department sign off on the course description page to signify that the course is an appropriate transfer course.

Bring the completed Transient Form, catalog descriptions and other supporting documentation to COBA Student Services for processing (Allow five business days). All forms turned in after the posted deadlines will be subject to a longer processing time regardless of the deadline for the institution for which you are applying for transient status).

Deadline for processing Transient Form:

Fall Semester	July 1st
Spring Semester	November 1st
Summer	April 1st

Incoming Transient Students

Students who are attending Savannah State University and taking College of Business Administration classes as a transient student are required, for our accreditation purposes, to provide an official transcripts to be placed on file in COBA Student Services.

The Coastal Georgia Center for Economic Education

The Coastal Georgia Center for Economic Education is a joint program between the College of Business Administration at Savannah State University and the College of Education at Armstrong Atlantic State University. Drs. Tsehai Alemayehu and Stephen Agyekum are the co-directors of the Center. The Center is housed in Room 223, University Hall at Armstrong Atlantic State University. The purpose of the Center is to promote the basic economic ideas considered essential for good citizenship. This aim is accomplished through programs conducted in teacher workshops and the dissemination of materials. The center cooperates with the Georgia Council on Economic Education in providing workshops for area teachers to help meet the economic standards, which are mandated for students by the State of Georgia. The Center also cooperates with teachers from the Economics America Program of the Savannah-Chatham County school system.

Programs of Study

Core Curriculum (65 hours)**Areas A, B, C, D, E and additional requirements (see Core Curriculum, pages 68 – 69) 47 hours****Area F - Business Core 18 hours**

ACCT 2101	Principles of Financial Accounting	3 hours
ACCT 2102	Principles of Managerial Accounting	3 hours
BUSA 2105	Communicating in the Business Environment	3 hours
BUSA 2106	The Environment of Business	3 hours
ECON 2105	Principles of Macro-Economics	3 hours
ECON 2106	Principles of Micro-Economics	3 hours

Major Courses (57 hours)**Area G – Foundation Knowledge of Business 33 hours**

BUSA 1101	Leadership & Professional Development I	1 hour
MATH 1113	Pre-Calculus	3 hours
BUSA 2101	Leadership & Professional Development II	1 hour
CISM 2130	Business Information Systems	3 hours
BUSA 2182	Introduction to Business Statistics	3 hours
ECON 3145	Global Business Issues	3 hours
FINC 3155	Business Finance	3 hours
MGNT 3165	Management of Organizations	3 hours
MKTG 3175	Principles of Marketing	3 hours
MGNT 3185	Operations Management	3 hours
BUSA 4101	Leadership & Professional Development III	1 hour
BUSA 4126	Business Policy	3 hours
General Elective (Choose one 2000/3000/4000 course from the following: BUSA, CISM, FINC, MNGT, MKTG)		3 hours

Area of Specialization (Choose one of the following concentrations (24 hours)**Accounting 24 hours***The following courses are required of all Accounting majors 21 hours*

ACCT 3111	Intermediate Financial Accounting I	3 hours
ACCT 3112	Intermediate Financial Accounting II	3 hours
ACCT 3113	Federal Income Taxation of Individuals	3 hours
ACCT 3115	Cost/Managerial Accounting	3 hours
ACCT 3117	Accounting Information Systems	3 hours
ACCT 4111	Intermediate Financial Accounting III	3 hours
ACCT 4117	Auditing	3 hours

Choose one (1) from the following:

ACCT 3114	Federal Income Taxation of Corporations & Partnerships	3 hours
ACCT 4116	Accounting for Not-for-Profit Institutions	3 hours
ACCT 4118	Advanced Managerial Accounting	3 hours
BUSA 4229	Administrative Practice & Internship	3 hours
BUSA 4999	Study Abroad	3 hours

Computer Information Systems 24 hours*The following courses are required of all CIS majors 21 hours*

CISM 2140	Introduction to Programming: Visual Basic	3 hours
CISM 3137	Systems Analysis & Design	3 hours
CISM 3232	Web Application Development	3 hours
CISM 3325	Data Communication & Computer Networks	3 hours
CISM 4137	Database Design & Implementation	3 hours
CISM 4157	Advanced Web Application Development	3 hours
CISM 4200	Project Management	3 hours

Computer Information Systems, continued

Choose one (1) from the following:

CISM 4138	Contemporary Topics in CIS	3 hours
CISM 4900	Occupational Internship	3 hours
BUSA 4229	Administrative Practice & Internship	3 hours
BUSA 4999	Study Abroad	3 hours
MKTG 3179	E- Marketing	3 hours

Finance 24 hours*The following courses are required of all Finance Majors 21 hours*

FINC 3156	Intermediate Corporate Management I	3 hours
FINC 3157	Investments	3 hours
FINC 3159	Principles of Real Estate	3 hours
FINC 3160	International Finance	3 hours
FINC 4155	Intermediate Corporate Management II	3 hours
FINC 4156	Capital Markets and Institutions	3 hours
FINC 4159	Financial Statement Analysis	3 hours

Choose one (1) from the following:

ACCT 3115	Cost/Managerial Accounting	3 hours
FINC 3158	Risk Management	3 hours
FINC 4157	Security Analysis and Portfolio Management	3 hours
FINC 4158	Futures and Options Markets	3 hours

Master of Business Administration Program

The Master of Business Administration (MBA) program is designed to prepare students for careers in management and leadership in both the private and public sectors. Students acquire a comprehensive foundation in the functional areas of business, the global environment in which they will function, and the analytical tools for intelligent and ethical decision making. The MBA program is accredited by The Association of Advance Collegiate Schools of Business (AACSB International). (See **Graduate Programs for Details**)

College of Liberal Arts and Social Sciences

The College of Liberal Arts and Social Sciences comprises five departments- Liberal Arts, Mass Communications, Political Science and Public Affairs, Social and Behavioral Sciences and Social Work. The College offers majors in English, Mass Communications, Behavior Analysis, History, Criminal Justice, Social Work, Sociology, Homeland Security and Emergency Management, Political Science, Africana Studies, and Visual and Performing Arts.

The following areas of concentration are offered: Religious and Philosophical Studies, Foreign Language, Print Journalism, Public Relations and Advertising, Radio and Television, Applied Forensic Analysis, Pre-Law, Public Administration, and International and Comparative Politics. The College also offers three Master's degree programs, the Master of Public Administration, the Master of Social Work, and the Master of Science in Urban Studies and Planning.

The College of Liberal Arts and Social Sciences is committed to the mission of Savannah State University. The College strives to assure an academic milieu that fosters excellent teaching, scholarly activities, service to students and meaningful community outreach. The College recognizes its rich cultural history as central to the ethos of the University.

The goals of the College of Liberal Arts and Social Sciences are as follows:

- To promote the belief that demography is not destiny: all students have a potential to graduate, and all students should be held to a high level of expectation;
- To provide students with a body of knowledge in the humanities, social sciences, arts, and wellness that empowers critical, visionary scholarship;
- To promote an inclusive environment that encourages students to develop intellectually, physically, ethically, emotionally and aesthetically;
- Provide an overarching culture that supports and nurtures students through relationships cultivated between faculty and students;
- Provide learning experience that promotes critical and analytical thinking and effective communications skills;
- Promote applied research and creative and scholarly activity among faculty and students.
- Serve as an educational resource for cultural enrichment and economic growth throughout southeast Georgia;
- Foster cultural diversity;
- Emphasize tradition of African-American and African culture and serve as a repository of knowledge about African-American experience; and
- Promote a desire for learning, a concern for humanity, human rights and the ideals of equality, citizenship and social justice.

Department of Liberal Arts

Mission

The Department of Liberal Arts offers a multidisciplinary, student-centered approach to learning that enriches the whole person and the larger community. By exploring global cultures and varied perspectives in the arts, humanities, languages, and health, the department provides the strong foundation of a liberal arts education rooted in the Africana traditions. The department engages learners in a high level of scholarly and creative work, develops critical and creative thinking and communication skills, and fosters a desire for life-long learning, self-efficacy, and civic involvement.

Departmental Description

The programs of Visual and Performing Arts, English Language and Literature, Foreign Languages, Humanities, Religious and Philosophical Studies and Health Education comprise the Department of Liberal Arts. These programs provide a variety of course offerings in literature, writing, foreign languages (Arabic, Chinese, French, and Spanish), religious studies, philosophy, humanities, critical thinking, music, art, speech, theatre, dance, and health education. The department offers courses leading to a baccalaureate degree (B.A.) in English Language and Literature, and to a baccalaureate degree in Fine Arts (B.F.A.) in the Visual and Performing Arts; additionally, it contributes significantly to the interdisciplinary program of Africana Studies. Minors in English language and literature, art, music, dance, and theatre are available as well as areas of concentration (15 credit hours) in religious and philosophical studies, French and Spanish. The department serves a crucial need of the University by offering courses to satisfy the core curriculum requirements in Area A-Essential Skills, Area B-Institutional Options, Area C-Humanities/Fine Arts, and university mandated "Additional Requirements."

Visual and Performing Arts Program

The Department of Liberal Arts offers courses leading to the (Bachelor of Fine Arts) in the Visual and Performing Arts. The Visual and Performing Arts program also delivers fine arts courses as fulfillment of core requirements, as electives, and as advanced courses leading to a minor (15 credit hours) in music, visual art, dance, and theatre. Students of all disciplines collaborate on productions and other related projects throughout the year threading connections throughout the arts. The program also provides opportunities for student engagement in the Visual and Performing arts through concerts, theatrical and dance productions, visual art exhibitions, festivals, open studios, visiting artists, community outreach, study abroad, conferences and guest lectures.

The Visual and Performing Arts program provides a comprehensive interdisciplinary curriculum in music, theatre, dance, and visual arts. The program utilizes individualized instruction to develop aesthetic and technical competency, a global perspective on the arts and an appreciation of diverse modes of expression. Building on the robust artistic culture of the community and region, the program encourages collaboration, creating opportunities for students to exhibit their artistic skills and to explore varied careers in the visual and performing arts.

Visual and Performing Arts Major

In addition to completing the Core Curriculum, students seeking a major in the Visual and Performing Arts must select (an area of concentration and) a field of emphasis. The areas of concentration with the corresponding fields of emphasis are as follows: a Concentration in Visual Art with an emphasis in either Art History or Studio Art; a Concentration in Music with an emphasis in either Voice Performance or Keyboard Performance with mandatory participation in The Savannah State University Concert Choir, and a Concentration in Theatre and Dance with an emphasis in either Dance Performance or Theatre Performance.

Academic Requirements for the Baccalaureate Degree in the Visual and Performing Arts

Admission Requirements: Students must pass audition or submit a portfolio before or at 12 credit hours within their respective concentration area to be fully admitted into the BFA program.

Visual Arts

- Portfolio submission, at least 75% at or before 12 credit hours
- Previous related experience
- Letter of Recommendation

Music

- Passing audition, at least 75% at or before 12 credit hours
- Previous related experience
- Letters of Recommendation

Theatre and Dance

- Passing audition , at least 75% at or before 12 credit hours
- Previous related experience
- Letters of Recommendation

Additional program requirements:

- Participation in BFA Program Events
- Written Critiques
- Peer Critiques
- Exhibitions
- Voice/Choral Recitals
- Performance lab work
- Savannah State University Concert Choir
- Theatre/Dance Productions
- Senior Exhibitions
- Senior Recitals
- Senior Productions
- Senior Portfolios
- Senior Exit Exams
- Internships/Practicum/Seminar

*Program of Study***Core Curriculum:**

Areas A, B, C, D, E, and Additional Requirements	47 hours
A. Essential Skills	9 hours
B. Institutional Options	5 hours
C. Humanities/Fine Arts	6 hours
D. Sciences, Math, Technology	10 hours
E. Social Sciences	12 hours
Area F courses appropriate to the program of study	18 hours
Major Concentration	39 hours
Field of Emphasis	15 hours
Electives (Chosen in consultation with advisor)	6 hours
TOTAL	125 hours

(A departmental Exit Exam is required of all students applying for graduation from concentrations in Art, Music, Theatre and Dance. A score of no less than 80 percent must be attained. Area F is prerequisite to all areas of concentration.)

AREA F Courses appropriate to the BFA program 18 hours**Selected from**

FINE 2104	Portfolio/Career Marketing	3 hours
FINE 2601	Technical Theatre	3 hours
FINE 2909	Business Management Through the Arts	3 hours
FINE 2999	Legal Aspects of the Arts	3 hours
	Foreign Languages	6 hours

Concentration in Visual Art (39 hours)

THEA 3004	Scene Design	3 hours
ARTS 3201	Drawing I	3 hours
ARTS 3301	Printmaking I	3 hours
ARTS 3302	Art Photography	3 hours
ARTS 3400	Color Theory & Design	3 hours
ARTS 3401	Basic Design I	3 hours
ARTS 3600	Understanding the Arts	3 hours
ARTS 3602	Stagecraft	3 hours
ARTS 3603	Art History Survey I	3 hours
ARTS 3604	Art History Survey II	3 hours
ARTS 4301	Painting	3 hours
ARTS 4711	Sculpture	3 hours
FINE 4999	Seminar/Practicum/Internship	3 hours
Total		39 hours

Fields of Emphasis: Art History or Studio Art (15 hours)*Art History*

ARTS 3601	African American Art History	3 hours
ARTS 4600	African Art History	3 hours
ARTS 4601	Western Art History I	3 hours
ARTS 4602	Western Art History II	3 hours
ARTS 4604	Contemporary Art History	3 hours

Total 15 hours

Studio Art

ARTS 3211	Drawing II	3 hours
ARTS 3410	Basic Computer Drawing & Design	3 hours
ARTS 4102	Life Drawing & Painting	3 hours
ARTS 4311	African American Genre Painting	3 hours
ARTS 4701	Ceramics	3 hours

Total 15 hours

Elective Courses (6 hours)

ARTS 3311	Printmaking II	3 hours
ARTS 3411	Basic Design II	3 hours
ARTS 3501	Crafts	3 hours
ARTS 4811	Weaving	3 hours

(Students are reminded that ARTS 1101 must be taken as part of the Core and prior to the Concentration Area. Any student in consultation with his advisor may minor in visual art. A minor in visual art requires 6 credits in visual art consists of 6 hours in Art history and any 3 visual arts courses above the 3000 level.)

Major Concentration in Music (39 hours)

MUSC 1311	Theory I	3 hours
MUSC 1312	Theory I (continued)	3 hours
MUSC 2101	Theory II	3 hours
MUSC 2102	Theory II (continued)	3 hours
MUSC 2121	History & Literature of Music I	3 hours
MUSC 2122	History & Literature of Music II	3 hours
MUSC 3011	African American Music	3 hours
MUSC 3111	Theory III (Form and Analysis)	3 hours
MUSC 3455	Band Repertory	3 hours
MUSC 4010	Conducting & Directing	3 hours
FINE 4999	Seminar/Practicum/Internship	3 hours
MUSC 4645	Musical Theatre	3 hours
THEA 3004	Scene Design	3 hours

Total 39 hours

Fields of Emphasis: Voice Performance/Choral Instruments or Keyboard Performance (15 hours)

Emphasis on Voice Performance/Choral Instruments

MUSC 2645	Voice Performance I	3 hours
MUSC 3646	Voice Performance II	3 hours
MUSC 4642	Gospel & Spiritual Performance I	3 hours
MUSC 4643	Gospel & Spiritual Performance II	3 hours
MUSC 4690	Senior Voice Performance	3 hours

Total 15 hours

Emphasis on Keyboard Performance

MUSC 1542	Basic Keyboard	3 hours
MUSC 2522	Keyboard I	3 hours
MUSC 3101	Gospel & Spiritual Keyboarding I	3 hours
MUSC 4536	Intermediate Keyboard II	3 hours
MUSC 4636	Advanced Keyboard Performance II	3 hours

Total 15 hours

Elective Courses in Music

MUSC 1408	Band Organization (1 st Sem.)	1 hour
MUSC 1409	Band Organization (2 nd Sem.)	1 hour
MUSC 2408	Band Organization (1 st Sem.)	1 hour
MUSC 2409	Band Organization (2 nd Sem.)	1 hour
MUSC 3408	Band Organization (1 st Sem.)	1 hour
MUSC 3409	Band Organization (2 nd Sem.)	1 hour
MUSC 4408	Band Organization (1 st Sem.)	1 hour
MUSC 4409	Band Organization (2 nd Sem.)	1 hour
MUSC 1608	Choral Organization (1 st Sem.)	1 hour
MUSC 1609	Choral Organization (2 nd Sem.)	1 hour
MUSC 2608	Choral Organization (1 st Sem.)	1 hour

MUSC 2609	Choral Organization (2 nd Sem.)	1 hour
MUSC 3608	Choral Organization (1 st Sem.)	1 hour
MUSC 3609	Choral Organization (2 nd Sem.)	1 hour
MUSC 4608	Choral Organization (1 st Sem.)	1 hour
MUSC 4609	Choral Organization (2 nd Sem.)	1 hour
MUSC 1808	Chamber Organization (1 st Sem.)	1 hour
MUSC 1809	Chamber Organization (2 nd Sem.)	1 hour
MUSC 2808	Chamber Organization (1 st Sem.)	1 hour
MUSC 2809	Chamber Organization (2 nd Sem.)	1 hour
MUSC 3808	Chamber Organization (1 st Sem.)	1 hour
MUSC 3809	Chamber Organization (2 nd Sem.)	1 hour
MUSC 4808	Chamber Organization (1 st Sem.)	1 hour
MUSC 4809	Chamber Organization (2 nd Sem.)	1 hour

Total **15 hours**

(Students are reminded that MUSC 1101 must be taken as part of the Core and prior to the Concentration Area. Any student in consultation with his advisor may minor in music. A minor in music requires 6 credits in Music History (MUSC 2121, 2122) and 9 credits in any MUSC courses above the 3000 level.

Concentration in Theatre and Dance (39 hours)

THEA 3004	Scene Design	3 hours
THEA 3122	Movement I	3 hours
THEA 3123	Movement II	3 hours
THEA 3125	Stage Make Up & Costuming	3 hours
ARTS 3602	Stagecraft	3 hours
THEA 4051	Black American Theatre & Performance	3 hours
THEA 4055	Theatre History I	3 hours
THEA 4056	Theatre History II	3 hours
SPEH 4101	Advanced Speech	3 hours
MUSC 4645	Musical Theatre	3 hours
THEA 4111	Performance/Production & Management	3 hours
THEA 4211	Auditioning & Directing	3 hours
FINE 4999	Seminar/Practicum/Internship	3 hours

Total **39 hours**

Fields of Emphasis: Dance Performance or Theatre Performance (15 hours)

Emphasis on Dance Performance

DNCE 2501	Modern Techniques & Performance	3 hours
DNCE 3501	Dance Appreciation & History	3 hours
DNCE 3503	African-Caribbean Dance	3 hours
DNCE 4501	Dance Theory	3 hours
DNCE 4504	Interpretative Dance & Performance	3 hours

Total **15 hours**

Emphasis on Theatre Performance

THEA 3102	Acting I	3 hours
THEA 4101	Acting II	3 hours
THEA 4103	Advanced Acting/TV/Cinema	3 hours
THEA 4104	Acting III	3 hours
THEA 4105	Play Writing	3 hours

Total **15 hours**

Additional Courses in Dance and Theatre 6 hours

SPEH 2101	Voice & Diction	3 hours
SPEH 2111	Oral Interpretation	3 hours

(Students are reminded that SPEH 1101 and THEA 2101 must be taken as part of the Core prior to the Concentration Area. In addition students interested in Dance may elect to take DNCE 1501 to fulfill one of their Core Health/PE credits. Any student in consultation with his advisor may minor in Theatre or Dance. A minor requires 6 hours of Theatre History (THEA 4055, 4056) and 9 hours in any THEA or DNCE courses above the 3000 level.)

Literature, Languages and Humanities in the Department of Liberal Arts

The Department of Liberal Arts offers courses leading to the baccalaureate degree (B.A.) in English language and literature. A minor is available in English, and areas of concentration (15 credit hours) are available in religious and philosophical studies, in Spanish, and in French. The department also offers courses in Arabic, German, Portuguese, Chinese, Africana Studies, critical thinking, and interdisciplinary humanities.

The department seeks to provide a liberal arts education in which students may develop competence in communication skills: reading, writing, speaking, listening, analysis, and critical thinking; achieve competence in one or more foreign languages; increase knowledge and appreciation of art, literature, music, philosophy, and religion; explore the interdisciplinary approach in Africana Studies; and prepare for graduate study in language and literature as well as pre-professional areas such as law, library science, medicine, and education.

Freshman English

Entering freshmen who meet the requirements of regular admission are placed in ENGL 1101. Applicants for admission who do not meet the requirements for regular admission must take the Collegiate Placement Examination (CPE). On the basis of their performance on the English section of this test (including a writing sample), these students are assigned to ENGL 1101 or to ENGL 0099 in the Student Academic Assistance Program (SAAP).

Advanced Placement and Credit by Examination

Students who earned the grade of 3 or above on the Advanced Placement Test or 47 on the Freshman English CLEP may be exempted from ENGL 1101 with credit.

Students who earned the grade of "B" or above in advanced placement language (French, German, Spanish, Arabic or Chinese) or 4 or above on the Advanced Placement Test may be exempted from the first course in language (1001).

English Language and Literature Major

Students majoring in English language and literature will complete at least thirty-nine semester hours in language, writing, and literature, beyond Area F requirements. English courses taken in the core curriculum Areas A, B, C, and F may not be counted as a part of the thirty-nine hours required for the major.

As sophomores, students should prepare to major in English by taking ENGL 2104 and 2105. ENGL 2105 is recommended as a *prerequisite* to all other English courses.

Courses required for the major are the two introductory courses in British literature (ENGL 2121-2122), the two introductory courses in American literature (ENGL 2131-2132), one course in language (ENGL 3321), one course in creative writing, one course in Shakespeare (ENGL 4011), one advanced course in African-American literature (ENGL 3212, 3216, 4211, 4217, or 4218), and the senior seminar (ENGL 4700), and five English electives at the 3000 or 4000 level.

Academic Requirements

Candidates for the baccalaureate degree in English Language and Literature must pass the reading and essay writing components of the Regents' Testing Program (RTP).

Senior English majors must take the departmental exit examination.

Students enrolled in the English degree program will be assigned an academic advisor by the chair of the department. Students are required to be advised by their advisor prior to registering each semester.

Students must earn a minimum grade of "C" in all prerequisite courses prior to registering for an upper level course.

Students must earn a minimum grade of "C" in all major courses and all courses listed under Area F.

Program of Study**Core Curriculum****Areas A, B, C, D, E, and additional requirements) 47 hours****Area F Courses Appropriate to the Program of Study 18 hours**

ENGL 2104	Advanced Composition	3 hours
ENGL 2105	Literary Criticism	3 hours
ENGL 2222	Introduction to African-American Literature	3 hours
ENGL 3321	Introduction to Language Study	3 hours
Foreign language sequence		6 hours
(To fulfill this sequence, students should take two courses in the same language).		

Major Requirements: 41 hours

ENGL 2121	British Literature I	3 hours
ENGL 2122	British Literature II	3 hours
ENGL 2131	American Literature I	3 hours
ENGL 2132	American Literature II	3 hours
ENGL 4011	Shakespeare	3 hours

Choose one of the following courses in creative writing:

ENGL 3416	Introduction to Creative Non-fiction	3 hours
ENGL 3417	Introduction to Poetry Writing	3 hours
ENGL 3418	Introduction to Fiction Writing	3 hours

Choose one of the following courses in African-American literature:

ENGL 3212	African-American Oral Tradition	3 hours
ENGL 3216	African-American Poetry	3 hours
ENGL 4211	African-American Drama	3 hours
ENGL 4217	African-American Fiction	3 hours
ENGL 4218	African-American Nonfiction	3 hours
ENGL 4700	Senior Seminar	3 hours
5 English electives at the 3000 or 4000 level		15 hours

Note: English majors are also required to take ENGL 2110, World Literature; students who do not take this course in partial fulfillment of Area C must take it in place of one of the 5 English electives in the major.

Minor Field or Area of Concentration 15 hours

Open Electives	6 hours
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Total Hours Required for Major in English Language and Literature 125 hours**Minor in English Language and Literature**

A minor in English consists of fifteen hours in English courses beyond those used in fulfillment of Area A, C, F or other requirements. Courses required for the minor are a) either ENGL 2104 or 2105; and b) 12 additional hours in ENGL, of which at least 9 hours must be at the 3000 level or above. Additionally, at least one of the courses taken in fulfillment of the minor must be in the area of African American literature.

NOTE: For students admitted before Fall 2010, the previous minor requirements (ENGL 2105, one British literature class, one American literature class, one African American literature class, and one other ENGL class) may be used.

Areas of Concentration in the Department of Liberal Arts*Religious and Philosophical Studies*

Religious and Philosophical Studies courses are designed to provide students with a broad humanistic background in religion and philosophy and to offer students expanded opportunities to pursue liberal studies. An area of concentration consists of 15 hours (minimum) in religious and philosophical studies, including RPHS 2101.

French and Spanish

The aims of the French and Spanish areas of concentration are (1) to develop the ability to communicate in a foreign language; (2) instill respect for other people and other cultures; (3) to develop an appreciation for the artistic expressions which are found in other languages, and (4) to bring about a greater awareness of our cultural heritage. The French or Spanish minor consists of the second intermediate course in the language and twelve additional hours at the junior or senior level.

Prior to enrolling in a foreign language course, student may take a placement test. Depending on the results of that test, students are placed in either an elementary level course (1001 or 1002) or in the first intermediate course (2001). Students should take note of the language requirements in their majors since some majors do not permit credit for 1001 or 1002.

Health Education Program

The Health Education Program provides wellness-based core curriculum courses for all students and seeks to develop students' intellectual competency regarding lifestyle habits and issues that affect health, quality of life, and well being as a life-time process.

Wellness Requirements

All students entering Savannah State University are required to satisfactorily complete three hours of health education courses as a prerequisite for graduation: one 2-hour health education course and one 1-hour physical activity course. Students with disabling conditions are encouraged to consult with the coordinator of the department for an individualized program based on their needs. Some of the courses in the wellness curriculum have a required dress code.

Department of Mass Communications

The mission of the Department of Mass Communications is to prepare students for careers in all areas of mass communications. Designated by the university as a “Center of Excellence,” the department strives to provide a liberal arts preparation that incorporates literature, art, film, philosophy, African American studies, music, and history. The department’s curriculum enables students to excel and to compete in the media industry.

Objectives

- To prepare students for graduate study in mass communications, film, and other areas of endeavor.
- To offer students state-of-the-art equipment and instruction in print and online journalism, broadcast, and public relations/advertising to prepare them for jobs in professional media.
- To aid students in developing critical thinking/analytical skills, writing skills, computer/software usage skills in print, broadcast, and public relations/advertising.
- To orient students to the importance of minority contributions to the areas studied in mass communications to enhance their global view of the world.
- To assist students in developing a broad interdisciplinary liberal arts perspective inclusive of literature, art, film, philosophy, African American studies, music, and history.
- To involve students in applied experiences in the program to enhance their employability in a modern workforce.
- To involve students in applied experience in the program to enhance their employability in a modern workforce.

Accreditation

In addition to the University of Georgia, Savannah State University’s Department of Mass Communications is the only program in the State of Georgia that is accredited by the Accrediting Council on Education in Journalism and Mass Communication (www.ACEJMC.org). The department has been accredited since 2007. ACEJMC requires that irrespective of their particular specialization, all graduates should be aware of certain core values and competencies. The following competencies are specific to departmental course offerings:

- Understand and apply the principles and laws of freedom of speech and press, including the right to dissent, to monitor and criticize power, and to assemble and petition for redress of grievances;
- Demonstrate a understanding of the history and role of professionals and institutions in shaping communications;
- Demonstrate and understanding of the diversity of groups in a global society in relationship to communications;
- Understand concepts and apply theories in the use and presentation of images and information;
- Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness, and diversity;
- Think critically, creatively, and independently;
- Conduct research and evaluate information by methods appropriate to the communications professions in which they work;
- Write correctly and clearly in forms and styles appropriate for the communications professions, audiences, and purposes they serve;
- Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style, and grammatical correctness;
- Apply basic numerical and statistical concepts;
- Apply tools and technologies appropriate for the communications professions in which they work.

Academic Requirements for the Baccalaureate Degree in Mass Communications

Candidates for the baccalaureate degree in the Department of Mass Communications must pass the reading and essay components of the Regents' Testing Program (RTP). Students enrolled in the mass communications degree program will be assigned an academic advisor by the chair of the department. Students are required to be counseled by an advisor prior to registering for a course. Students must complete all Areas A-F courses prior to enrolling in upper level courses. Students must earn a minimum grade of "C" in all prerequisite courses prior to registering for an upper level course. Students must earn a minimum grade of "C" in all major courses and all courses that are appropriate to the major. Generally, the courses appropriate to the major are listed under Area F courses. Senior mass communications majors must take the departmental exit examination.

PROGRAM OF STUDY**Core Curriculum****(Areas A, B, C, D, E, and additional requirements) 47 hours****Area F Courses Appropriate to the Program of Study 18 hours**

COMM 2101	Writing for the Media	3 hours
COMM 2105	Mass Media & Society	3 hours
COMM 2106	African-Americans in the Media	3 hours
COMM 4810	Introduction to Communications Research	3 hours

Foreign Language Sequence 6 hours*(These may include the second elementary level course of the same language)***MASS COMMUNICATIONS MAJOR - CONCENTRATIONS****PRINT CONCENTRATION 36 hours**

COMM 3105	Writing for Newspapers & Magazines	3 hours
COMM 3110	Desktop Publishing	3 hours
COMM 3120	Introduction to Communications Theory	3 hours
COMM 3201	Feature Writing	3 hours
COMM 4106	Communications Practicum	3 hours
COMM 4170	Advanced Newspaper Writing & Reporting	3 hours
COMM 4201	Copy Editing	3 hours
COMM 4705	Communications Law & Ethics	3 hours
COMM 4902	Professional Media Internship	3 hours

Choose one of the following courses:

COMM 3101	Media Arts & Design	3 hours
COMM 3102	Photo-Journalism	3 hours
COMM 3130	History of Journalism	3 hours
COMM 4105	Editorial Writing	3 hours
COMM 4211	Newspaper Production	3 hours
COMM 4402	Public Relations & Advertising Campaigns	3 hours

Other Requirements

SPEH 4101	Advanced Speech	3 hours
ENGL 2104	Advanced Composition	3 hours
GEOG 1101	Introduction to Human Geography	3 hours

Minor Field 15 hours

Electives (ENGL 2104 is a required elective) 9 hours

Total hours required for the major in Mass**Communications with Print Concentration 125 hours****RADIO AND TELEVISION CONCENTRATION 36 hours**

COMM 3120	Introduction to Communications Theory	3 hours
COMM 3301	Introduction to Television Production	3 hours
COMM 3303	Scriptwriting for Radio & Television	3 hours
COMM 3306	Introduction to Audio Production	3 hours
COMM 4106	Communications Practicum	3 hours
COMM 4107	Advanced Television Production	3 hours
COMM 4705	Communication Law & Ethics	3 hours
COMM 4815	The Documentary	3 hours
COMM 4902	Professional Media Internship	3 hours

Choose one of the following courses:

COMM 3101	Media Arts & Design	3 hours
COMM 3102	Photo Journalism	3 hours
COMM 3110	Desktop Publishing	3 hours
COMM 3130	History of Journalism	3 hours
COMM 3302	Speech for Radio & Television	3 hours
COMM 4108	Film & Television Directing	3 hours
COMM 4110	Advanced Audio Production	3 hours
COMM 4111	Film & Television Editing	3 hours

Other Requirements

SPEH 4101	Advanced Speech	3 hours
GEOG 1101	Introduction to Human Geography	3 hours

Minor Field 15 hours

Electives (ENGL 2104 is a required elective) 9 hours

**Total Hours Required for the Major in Mass
Communications with Television Concentration 125 hours**

**PUBLIC RELATIONS ADVERTISING
CONCENTRATION 36 Hours**

COMM 3110	Desktop Publishing	3 hours
COMM 3120	Introduction to Communications Theory	3 hours
COMM 3401	Introduction to Public Relations & Advertising	3 hours
COMM 4101	Advertising Copy Writing	3 hours
COMM 4106	Communications Practicum	3 hours
COMM 4402	Public Relations & Advertising Campaigns	3 hours
COMM 4406	Public Relations & Advertising Workshop	3 hours
COMM 4705	Communications Law & Ethics	3 hours
COMM 4902	Professional Media Internship	3 hours

Choose one of the following courses:

COMM 3101	Media Arts & Design	3 hours
COMM 3102	Photo-Journalism	3 hours
COMM 3130	History of Journalism	3 hours
COMM 3301	Introduction to Radio & TV Production	3 hours
COMM 3302	Speech for Radio & Television	3 hours

Other Requirements

SPEH 4101	Advanced Speech	3 hours
GEOG 1101	Introduction to Human Geography	3 hours

Minor Field 15 hours

Electives (ENGL 2104 is a required elective) 9 hours

**Total Hours Required for the Major in Mass
Communications with Public Relations Concentration 125 hours**

Mass Communications Minor

All students completing a minor in mass communications are required to take and satisfactorily complete fifteen semester hours which must include COMM 2101 and other communications courses at the 3000 or higher levels; however, COMM 2106 (African-Americans in the Media) may be taken with permission of the chair of the department. Suggested courses include, but are not limited to:

COMM 2101	Writing for the Media (required)	3 hours
COMM 3110	Desktop Publishing	3 hours
	Prerequisite: COMM 3102	
COMM 3120	Introduction to Communications Theory	3 hours
	Prerequisite: Junior standing	
COMM 3302	Speech for Radio & Television	3 hours
COMM 3401	Introduction to Public Relations & Advertising	3 hours
	Prerequisites: COMM 2101 & COMM 3110	

Department of Social and Behavioral Sciences

The Department of Social and Behavioral Sciences offers academic programs in behavior analysis, criminal justice, history, and sociology to prepare students for graduate studies and career goals. These programs include scholarly activities designed to develop historical consciousness, awareness of civic responsibilities, appreciation of cultural diversity, and understanding of both human behavior and interpersonal relationships. The department promotes the examination of the various issues, and opportunities that affect the lives of societal members in Georgia, the nation, and the world.

The Department of Social and Behavioral Sciences offers courses leading to a Bachelor of Arts degree in history and Africana Studies. Africana Studies offer an option to concentrate in humanities or social sciences. The department also offers a Bachelors of Science degree in behavior analysis, criminal justice, and sociology.

The department offers minor programs in African-American studies, behavior analysis, criminal justice, history, sociology, and gerontology. In conjunction with Armstrong Atlantic State University, the department also offers a teacher certification program in secondary education for history majors.

The objectives of the department are as follows:

- To provide introductory courses in behavior analysis, history, geography, and sociology, for both general knowledge and a foundation for advanced classes;
- To develop students' abilities and skills through critical thinking, logical and quantitative reasoning, effective writing and speaking, and computer literacy;
- To prepare students for graduate work in behavior analysis, criminal justice, sociology, psychology, and other related fields; and
- To prepare students for successful careers in behavior analysis/psychology, the criminal justice system, education, foreign service, and other traditional and nontraditional careers in the public and private sectors.

Majors in the Department of Social and Behavioral Sciences

Africana Studies Major

Core Curriculum

Areas A, B, C, D, E, and additional requirements 47 hours

AREA F Courses Appropriate to the Program of Study 18 hours

HIST 1111	World History to Early Modern Times Or	3 hours
HIST 1112	World History from Early Modern Times- Present	3 hours
HIST 2111	U.S. History to the Post Civil War Period Or	3 hours
HIST 2112	U.S. History from Post Civil War- Present	3 hours
GEOG 1101	Introduction to Human Geography Or	3 hours
ANTH 1101	Introduction to Anthropology	3 hours
AFRS 2000	Introduction to Africana Studies	3 hours
Foreign Language Sequence (any two languages in sequence)		6 hours

Hours Required for Major 30 hours

Major Requirements 18 hours

AFRS 3301	African America History to 1900	3 hours
AFRS 3141	African Politics	3 hours
AFRS 3501	Survey of African Culture	3 hours
AFRS 4501	African American & Pan Africanism	3 hours
AFRS 4701	African History since 1885	3 hours
AFRS 4601	Senior Seminar	3 hours

Major Electives 12 hours

Choose two courses from Category I and II

Category I: Social Sciences

AFRS 3000	Africana Political Ideology & Philosophy	3 hours
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AFRS 3102	African-African American Family	3 hours
AFRS 3111	Africana Woman	3 hours
AFRS 3120	African American Aging	3 hours
AFRS 3312	African American in the 20 th Century	3 hours
AFRS 3601	African American Politics	3 hours
AFRS 3961	Internship	3 hours
AFRS 4311	Psychology of African American Experience	3 hours
AFRS 4701	Africa since 1885	3 hours
<i>Category II: Liberal Arts</i>		
COMM 2106	African Americans in the Media	3 hours
MUSC 3011	African Music	3 hours
AFRS 3211	Religion & African Thought Systems	3 hours
ENGL 3212	African American Oral Tradition	3 hours
ENGL 3216	African-American Poetry	3 hours
AFRS 3301	African American History to 1900	3 hours
AFRS 3301	African American Literature	3 hours
AFRS 3501	Survey of African Culture	3 hours
ART 3601	African American Art	3 hours
ENGL 4400	Specific Topics-Gullah Tribe	3 hours
FREN 4100	Survey of African & Caribbean-Francophone Literature	3 hours
AFRS 4211	African American Drama	3 hours
General Electives		15 hours
(See advisor for Double Major in HIST concentration: Elective 2000 and above)		
Minor (*Optional)		15 hours
Total Hours Required for the Major in Africana Studies		125 hours
Total Hours Required for a Double Major in Africana Studies & History		140 hours

* 9 hours must be 3000 and above

Behavior Analysis Major

Core Curriculum

Areas A, B, C, D, E, and additional requirements

47 hours

Area F Courses Appropriate to the Program of Study

BEHV 1101	Introduction to Behavior Analysis: Professions	3 hours
PSYC 1101	Introduction to Psychology	3 hours
BEHV 2101	History of Behavior Analysis	3 hours
BEHV 2103	Behavior Statistics	3 hours
Foreign Language Sequence		6 hours

Hours Required for Major 34 hours

Major Requirements 19 hours

BEHV 3000	Basic Concepts in Behavior Analysis	3 hours
BEHV 3103	Measurement in Behavior Analysis	3 hours
BEHV 3104	Behavior Change in Behavior Analysis	3 hours
BEHV 3112	Experimental Analysis	3 hours
BEHV 3117	Counseling & Behavior Change	3 hours
BEHV 4213	Research Seminar	4 hours

Major Electives (Select any 5 courses) 15 hours

BEHV 3101	Descriptive Analysis	3 hours
BEHV 3105	Learning & Motivation	3 hours
BEHV 3106	Neuroscience	3 hours
BEHV 3118	Counseling & Minority Behavior	3 hours
CRJU 3361	Human Behavior	3 hours
BEHV 4000	Selected Topics in Behavior	3 hours
BEHV 4111	Health Behavior	3 hours
BEHV 4112	Behavior of African American	3 hours
BEHV 4212	Internship	3 hours
PSYC 3301	Social Psychology	3 hours

PSYC 3311	Group Process	3 hours
PSYC 3401	Test & Measurements	3 hours
PSYC 4101	Theories of Personality	3 hours
PSYC 4501	Humanistic Psychology	3 hours
PSYC 4601	Diagnostic Psychology	3 hours
PSYC 4701	Abnormal Psychology	3 hours

General Electives 6 hours

Minor/Approved Concentration or Additional Major Electives **15 hours**

Total Hours Required for the Major in Behavior Analysis **120 hours**

Criminal Justice Major

Core Curriculum

Areas A, B, C, D, E, and additional requirements **47 hours**

Area F Courses Appropriate to the Program of Study **18 hours**

CRJU 1101	Introduction to Criminal Justice *(F&S)	3 hours
CRJU 2102	Police & Society	3 hours
CRJU 3401	Social Research Methods	3 hours
SOCI 2101	Social Statistics	3 hours
Foreign Language Sequence		
Two courses at any level		6 hours

Major Requirements **18 hours**

CRJU 3111	American Courts *(F)	3 hours
CRJU 3121	Corrections *(S)	3 hours
CRJU 3610	Theories of Criminal Behavior *(S)	3 hours
CRJU 4301	Jurisprudence of Criminal Law *(S)	3 hours
CRJU 4311	Juvenile Justice *(F)	3 hours
CRJU 4901	Senior Seminar *(F&S)	3 hours

* (F) - Fall Only

* (S) - Spring Only

* (F&S) - Fall and Spring

Major Electives **18 hours**

(Any combination of 3000 and 4000 level courses)

CRJU 3301	Constitutional Law	3 hours
CRJU 3321	Race, Gender, Class & Crime	3 hours
CRJU 3361	Human Behavior	3 hours
CRJU 3432	Community Policing	3 hours
CRJU 3502	Violence, Crime & Justice	3 hours
CRJU 3521	Drugs, Alcohol & Crime	3 hours
CRJU 3901	Internship	3 hours
CRJU 4101	Independent Study	3 hours
CRJU 4331	Comparative Criminal Justice Sys.	3 hours
CRJU 4411	Criminal Investigations	3 hours
CRJU 4420	Crime Analysis	3 hours
CRJU 4521	Criminal Justice Management	3 hours
CRJU 4601	Special Topics	3 hours
SOCI 4135	Sociology of Law	3 hours

General Electives (Upper level courses) **9 hours**

Minor Field (*Optional) **15 hours**

Total Hours Required for the Major in Criminal Justice **125 hours**

* 9 hours must be 3000 and above

History Major

Core Curriculum

Areas A, B, C, D, E, and additional requirements **47 hours**

Area F Courses Appropriate to the Program of Study **18 hours**

HIST 1111	World History to Early Modern Times	3 hours
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	or	
HIST 1112	World History from Early Modern Times-Present	3 hours
HIST 2111	U.S. History to the Post Civil War Period	3 hours
	or	
HIST 2112	U.S. History from Post Civil War-Present	3 hours
GEOG 1101	Introduction to Geography	3 hours
AFRS 2000	Introduction to Africana Studies	3 hours
	Foreign Language (Sequence)	6 hours

Hours Required for Major 30 hours

Major Requirements 18 hours

HIST 3101	Historical Research	3 hours
HIST 3312	African American in the 20 th Century	3 hours
HIST 3412	History of Modern Europe	3 hours
HIST 3502	American Revolution & New Nation	3 hours
HIST 4601	Latin America in the Modern World	3 hours
HIST 4901	Senior Seminar	3 hours

Electives: Choose four courses with at least one from Category I, II, and III (Category IV Optional)

Category I: Africa and African American History

HIST 3301	Africana-American History before 1900	3 hours
HIST 4301	History of Africana Thought	3 hours
HIST 4701	African History Before 1800	3 hours
HIST 4702	African History Since 1800	3 hours

Category II: Asian and Latin American History

HIST 3601	Colonial & Early National Latin American History	3 hours
HIST 3801	Modern Asian History	3 hours
HIST 4801	History of China Since 1600	3 hours
HIST 4805	20 th Century East Asian Econ. Hist.	3 hours

Category III: Western History

HIST 3411	History of Early Modern Europe	3 hours
HIST 3501	Colonial America	3 hours
HIST 3503	American Civil & Reconstruction	3 hours
HIST 3504	Recent American History	3 hours
HIST 4411	History of Modern Britain	3 hours
HIST 4511	Topics in American History	3 hours

Category IV: OTHER (OPTIONAL)

HIST 3901	Internship	6 hours
HIST 3909	Readings in History	3 hours

University Electives 15 hours

(See your advisor for the Double Major or AFRS Concentration)
(Electives 2000 and above courses)

Minor (*Optional) 15 hours

Total Hours Required for the Major in History 125 hours

* 9 hours must be 3000 and above

Sociology Major

Core Curriculum

Areas A, B, C, D, E, and additional requirements 47 hours

Area F Courses Appropriate to the Program of Study 18 hours

SOCI 1101	Introductory Sociology	3 hours
SOCI 2101	Social Statistics	3 hours
PSYC 1101	Introduction to Psychology	3 hours

Foreign Language sequence

Choose one of the following courses:

GEOG 1101	Introduction to Human Geography	3 hours
ANTH 1101	Introduction to Anthropology	3 hours

Hours Required for Major 33 hours

Major Requirements 15 hours

SOCI 3036	Social Stratification	3 hours
SOCI 3201	Classical Theory	3 hours
	Or	
SOCI 4312	Contemporary Theory	3 hours
SOCI 3401	Social Research	3 hours
SOCI 3611	Minorities in the Social Environment	3 hours
SOCI 4901	Senior Seminar	3 hours
Four SOCI 3000 courses		12 hours
Two SOCI 4000 courses		6 hours

Major Electives *18 hours*

SOCI 3101	Sociology of Family	3 hours
SOCI 3122	Sociology of Poverty	3 hours
SOCI 3219	Social Deviance	3 hours
SOCI 3360	Sociology of Aging	3 hours
SOCI 3425	Sex, Roles & Gender	3 hours
SOCI 3611	Minorities & the Social Environment	3 hours
SOCI 3621	Demography	3 hours
SOCI 3631	Urban Sociology	3 hours
SOCI 3651	Sociology of Religion	3 hours
SOCI 3901	Internship	6 hours
SOCI 4101	Independent Study	3 hours
SOCI 4111	Criminology	3 hours
SOCI 4135	Sociology of Law	3 hours
SOCI 4311	Juvenile Delinquency	3 hours
SOCI 4421	Seminar on the African American Experience	3 hours
SOCI 4601	Special Topics	3 hours

Electives (Upper level courses) *12 hours*

Minor (*Optional) **15 hours**

Total Hours Required for the Major in Sociology **125 hours**

* 9 hours must be 3000 and above

Minors in the Department of Social and Behavioral Sciences

Africana Studies Minor

AFRS 2000	Introduction to Africana Studies	3 hours
HIST 3301	Africana American History to 1900	3 hours
(Three upper Level courses)		9 hours

Total Hours **15 hours**

Behavior Analysis Minor

BEHV 1101	Introduction to Behavior Analysis	3 hours
BEHV 2101	History of Behavior Analysis	3 hours
Three BEHV upper level courses		9 hours

Total Hours **15 hours**

Criminal Justice Minor

CRJU 1101	Introduction to Criminal Justice	3 hours
CRJU 3301	Constitutional Law in the Criminal Process	3 hours
	Or	
CRJU 4301	Criminal Law	3 hours
Three CRJU Upper level courses (except CRJU 3901 or 4901)		9 hours

Total Hours **15 hours**

History Minor

HIST 1111 or HIST 1112 or HIST 2111 or HIST 2112		3 hours
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One course from Category I, II, and III	9 hours
One course from Major Requirements	3 hours
Total Hours	15 hours

Sociology Minor

SOCI 1101	Introduction to Sociology	3 hours
	Or	
SOCI 1160	Social Problems	
SOCI 3202	Classical Theory	3 hours
	or	
SOCI 4312	Contemporary Theory	3 hours
One 4000 level course		3 hours
Two additional 3000 level courses (except SOCI 3901 or 4901)		6 hours
Total Hours		15 hours

Gerontology Minor

GRNY 2101	Introduction to Gerontology	3 hours
Four other GRNY courses		12 hours
Total Hours		15 hours

Department of Social Work

Center of Excellence

Mission Statement

The BSW program prepares students for generalist practice and the MSW program builds on the generalist foundation and prepares students for advanced practice in Clinical and Social Administration. The department promotes student focused learning, affirms the African American legacy and fosters a unique multicultural environment through its BSW and MSW curriculum and advocacy roles in community change. The department graduates students who are culturally competent to practice social work in rural, urban and global settings.

Bachelor of Social Work Program

The Bachelor of Social Work (BSW) degree is a carefully articulated program that provides a generalist academic and experiential foundation for students seeking a career in the varied and expanding profession of social work. The BSW program is accredited by the Council on Social Work Education. The major requires a selective liberal arts base of knowledge from social, behavioral, and natural sciences (e.g. psychology, sociology, biology) together with group social work skills, values, and methodologies of intervention at the individual, family, group, institution, and community levels. BSW graduates are educated to respond in an informed way to identifiable social work needs in a variety of settings, including rural, urban, and international. The social work major is structured around four interrelated components: theoretical foundations/intervention strategies; client population/cultural diversity; research/evaluation; and skills development/fieldwork. Students admitted to the major are expected to maintain academic excellence and demonstrate professional and ethical behavior as reflected in the BSW Handbook. Students must maintain a minimum GPA of 2.5 and above in all social work courses after formal admission to the social work program.

BSW Admission Requirements

Students interested in declaring social work as a major are required to complete the *Application for Admission to the BSW Program*. Completed applications are evaluated by the BSW Admissions Committee and recommendations are forwarded to the BSW Program Coordinator. Typically, application is made spring semester of the sophomore year. Admission to the BSW program is based on the following criteria:

- Completion of the University Core Curriculum
- Minimum grade point average (GPA) of 2.3
- Completion of SOWK 2200 *Human Needs and Human Services (gateway course) with a grade of "C" or better
- Completed Application for Admission to the BSW Program includes:
 - Two Letters of Reference: One from a Savannah State University professor and one from an employer or supervisor (you may substitute a supervisor for a volunteer experience). Transfer applicants may submit a reference letter from a previous university or college
 - Current official transcript
 - An interview may be requested by the admission committee

Applications are due on or before April 15th for fall semester. Students who register for SOWK 2200 in the summer must submit their application by June 15th to:

ADMISSIONS COMMITTEE
Box 20553
Savannah State University
Savannah, GA 31404

Academic credit for life or previous work experience is not considered in whole or in part in lieu of admission requirements or in lieu of social work courses including field practicum requirements (*CSWE Accreditation Standard 5.2, 2004*).

SOWK 2200

SOWK 2200 is the gateway course for admission to the BSW program at Savannah State University.

Transfer Students

The SSU Admissions Office provides preliminary evaluation of transfer credit in the core curriculum. The BSW program evaluates and provides final approval for all transfer credits in the social work curriculum. The Department of Social Work makes decisions about transfer of credit toward requirements specifically for the social work major. Students who wish to transfer other social work courses from other CSWE accredited programs must submit a copy of the course syllabus for each course being considered for transfer. The course syllabus is reviewed by the BSW Program Coordinator and faculty to determine whether there is a comparable course in the BSW Program for which credit may be given. Non-equivalent social work courses from CSWE-accredited programs may be transferred as social work electives.

Students who wish to transfer other social work courses from non-CSWE accredited programs must submit a copy of the course syllabus for each course being considered for transfer. The course syllabus is reviewed by the BSW Program Coordinator and faculty to determine whether the course meets the BSW program standards for transfer.

Only social work courses completed within the last ten years of readmission or transfer to Savannah State University will apply toward the BSW degree requirements.

Requirements for Admission to Field Practicum (SOWK 4701 & 4702 and 4901 & 4902)

To be eligible for admissions to Field Practicum, students must earn a minimum GPA of 2.5 and above in all Social Work courses after formal admission to the social work program. Students must also satisfy the standards for social work education as stated in the BSW Student Handbook.

Field placements are during week day and daytime hours. Students must adjust their personal schedules to meet the demands of field practicum.

Students who are denied admission to field practicum must select another major. Students who fail field practicum a second time will be dismissed from the social work program and must select another major.

Requirements for Graduation

In addition to completing 47 hours of Savannah State University's core curriculum requirements (Areas A, B, C, D*, E, and additional requirements), 18 hours in Area F (courses appropriate to the program of study); and 60 hours of social work major (SOWK) courses.

*Social Work majors must complete BIOL 1104 (Human Biology) and BIOL 1104 Lab in Area D

Social Work Major

Core Curriculum

Areas A, B, C, D, E, and additional requirements		47 hours
Area F Courses Appropriate to the Program of Study		18 hours
SOCI 1101	Introduction to Sociology	3 hours
SOWK 2101	Social Statistics	3 hours
SOWK 2200	Human Needs & Human Services	3 hours
Foreign Language sequence (Two courses at any level)		6 hours
<i>One of the following courses:</i>		
ANTH 1101	Introduction to Anthropology	3 hours
PSYC 1101	Introduction to General Psychology	3 hours
POLS 2101	Introduction to Political Science	3 hours
Major Requirements:		48 hours
SOWK 2205	History of Social Welfare & Social Policy	3 hours
SOWK 3101	Research Methods	3 hours
SOWK 3201	Human Behavior& the Social Environment I	3 hours
SOWK 3202	Human Behavior& the Social Environment II	3 hours
SOWK 3220	Human Diversity & Soc. Work Practice	3 hours
SOWK 3305	Introduction to Social Work Practice	3 hours
SOWK 3340	Interventive Methods I	3 hours
SOWK 3341	Interventive Methods II	3 hours
SOWK 3342	Interventive Methods III	3 hours
SOWK 4410	Implementation of Social Welfare Policies	3 hours
SOWK 4701	Field Experience I	6 hours
SOWK 4702	Field Experience II	6 hours

SOWK 4901	Senior Seminar I	3 hours
SOWK 4902	Senior Seminar II	3 hours
<i>Choose two of the following courses: 6 hours</i>		
SOWK 4106	Social Work with Families & Children	3 hours
SOWK 4201	Gerontological Social Work	3 hours
SOWK 4301	Substance Abuse Intervention Strategies	3 hours
SOWK 4510	Crisis Intervention	3 hours
SOWK 5501	Law, Race & Poverty in the Welfare of Children	3 hours
SOWK 6000	Special Topics	3 hours
SOWK 6100	Independent Study	3 hours

Choose two General Electives 6 hours

Total Hours Required for the Major in Social Work 125 hours

Master of Social Work Program

The Master of Social Work (MSW) Program is accredited by the Council on Social Work Education. The MSW program is designed to prepare students for entry into advanced social work practice. The 60 credit- hour degree program consists of a foundation curriculum which provides knowledge, values, and skills common to generalist social work practice, concentration courses in clinical practice social administration, and three field practicum courses which are designed to enhance the competencies in the foundation and concentration areas. Students must declare a concentration within the first semester of full-time enrollment or within two semesters of part-time enrollment. **(See Graduate Programs for Details)**

Department of Political Science and Public Affairs

Homeland Security and Emergency Management Major

The SSU Homeland Security and Emergency Management Program (HSEM) program is built on the existing body of knowledge in homeland security and emergency management as well as current and developing research, with an emphasis on lessening the impacts of disasters on our most vulnerable residents. The program will prepare students to move into entry-level public and private sector positions in this growing field.

The HSEM program uses an integrated and interdisciplinary approach to homeland security and emergency management, preparing students with the knowledge, skills, and abilities to leverage and coordinate the full range of capacity and resources to improve outcomes in a disaster – whether natural or human-caused. The program will offer students knowledge specific to different types and causes of disaster, lessons from past disasters, and both comprehensive and hazard-specific practices that lead to effective prevention, protection, mitigation, preparedness, response and recovery. The SSU HSEM program is the first bachelor's degree program in homeland security and/or emergency management in the state of Georgia and the first in the nation at a historically black college/university.

The program leads to the bachelor's degree in homeland security and emergency management. Students must earn 125 hours to graduate, with 36 semester hours in major courses, with no requirement for a subject area minor.

Major in Homeland Security and Emergency Management (125 hours)

Core Curriculum

Areas A, B, C, D, E, and Additional Requirements	47 hours
Area F, Courses appropriate to the program	18 hours
HSEM 1101 Introduction to HSEM	3 hours
GEOG 1101 Introduction to Human Geography	3 hours
or	
ANTH 1101 Introduction to Anthropology	3 hours
HIST 2111 U.S. History to the Post-Civil War Period	3 hours
Or	
HIST 2112 U.S. History from the Post-Civil War Period-Present	3 hours
SOCI 2101 Social Statistics	3 hours
Foreign Language	6 hours
Major required courses*	36 hours
HSEM 3110 Politics & Policy of HSEM	3 hours
HSEM 3120 Law & Ethics in HSEM	3 hours
HSEM 3130 Emergency Planning & Incident Management	3 hours
HSEM 3140 Diversity Issues in HSEM	3 hours
HSEM 3250 Risk & Vulnerability Assessment	3 hours
HSEM 3260 Terrorism in the Modern World	3 hours
HSEM 3822 Tools for Decision Making in HSEM	3 hours
HSEM 3840 Effective HSEM Communication & Leadership	3 hours
HSEM 3901 Internship	3 hours
HSEM 4901 Senior Capstone Seminar	3 hours
Foreign Language (in addition to hours in Area F)	6 hours
HSEM electives	9 hours
General electives	15 hours
Total	125 hours
*HSEM 1101 is a pre-requisite to most HSEM courses.	
Minor in Homeland Security and Emergency Management	15 hours
HSEM 3130 Emergency Planning & Incident Management	3 hours
HSEM 3250 Risk & Vulnerability Assessment	3 hours
Three additional HSEM courses at 3000-level or above	9 hours

Certificate in Homeland Security and Emergency Management

The 15-hour undergraduate certificate in Homeland Security and Emergency Management (HSEM) is a certificate for individuals who would like to add competencies in the HSEM field, working practitioners who want an interim benchmark for work toward a

bachelor's in HSEM, and for other students who would like to take a portion of SSU HSEM classes online before relocating to the campus to complete their bachelor's degree.

HSEM 1101	Introduction to HSEM	3 hours
HSEM 3110	Politics & Policy of HSEM	3 hours
HSEM 3130	Emergency Planning & Incident Management	3 hours
HSEM 3250	Risk & Vulnerability	3 hours
HSEM 3840	Effective HSEM Communication & Leadership	3 hours

Political Science

The Department of Political Science and Public Affairs offers the Bachelor of Science degree in political science. Students majoring in political science may elect to concentrate in pre-law, public administration, or international (comparative) politics.

The Political Science program seeks to prepare leaders for greatness in public service to Georgia and beyond, and who are able to

- Demonstrate an understanding of American governmental structures, as well as comparative political systems;
- Exhibit knowledge of the political science literature and have the ability to retrieve information and acquire knowledge on their own;
- Communicate effectively about the impact of political science in society and the significance of the discipline in the social sciences;
- Pursue graduate and professional schools;
- Compete successfully for entry-level jobs in the domestic and international arenas in Georgia and beyond; and
- Perform at higher levels of economic productivity, social responsibility, and moral excellence in their chosen field.

Political Science Major

Core Curriculum

Areas A, B, C, D, E, and additional requirements 47 hours

Area F Courses Appropriate to the Program of Study 18 hours

POLS 2101 Introduction to Political Science 3 hours

Choose one of the following courses:

HIST 2111 U.S. History to the Post Civil War Period 3 hours

HIST 2112 U.S. History from the Post Civil War Period- Present 3 hours

SOCI 2101 Social Statistics 3 hours

Foreign Language sequence
(Two courses at any level) 6 hours

Choose one of the following courses:

GEOG 1101 Introduction to Human Geography 3 hours

ANTH 1101 Introduction to Anthropology 3 hours

Major Requirements 36 hours

POLS 3301 Research Methods in Political Science 3 hours

POLS 3601 African-American Politics 3 hours

POLS 4201 Political Theory 3 hours

POLS 4901 Senior Seminar 3 hours

Major Core Total 12 hours

Six upper division POLS courses

(see list below) 18 hours

POLS 2201 State & Local Government 3 hours

POLS 2601 Introduction to Public Administration 3 hours

POLS 3101 International Politics 3 hours

POLS 3102 Comparative Government 3 hours

POLS 3211 Constitutional Law 3 hours

POLS 4221 American Political Thought 3 hours

Political Science Electives: 6 hours

These courses do not have to be from the same concentration.

Pre-law Concentration

POLS 3201 American Judicial Process 3 hours

POLS 3121	International Law	3 hours
POLS 3221	Civil Rights & Liberties	3 hours
POLS 3401	Administrative Law	3 hours
POLS 4511	Public Policy	3 hours
<i>Public Administration/Policy Concentration</i>		
POLS 3401	Administrative Law	3 hours
POLS 3501	Public Personnel Administration	3 hours
POLS 3511	Organization Theory & Behavior	3 hours
POLS 3811	Gender & Politics	3 hours
POLS 4511	Public Policy	3 hours
<i>International/Comparative Politics Concentration</i>		
POLS 3101	International Politics	3 hours
POLS 3121	International Law	3 hours
POLS 3131	International Organization	3 hours
POLS 3141	African Government & Politics	3 hours
POLS 4401	Politics of Less Developed Countries	3 hours
POLS 4601	American Foreign Policy	3 hours
Total Hours Required for the Major in Political Science		125 hours

Master of Public Administration Program

Consistent with Savannah State University’s unique and historic mission as one of three historically black colleges and universities in the University System of Georgia, the Master of Public Administration program seeks to be the program of choice for non-traditional managers in our region, while offering traditional managers an environment that enhances cultural competency. **(See Graduate Programs for Details)**

Master of Science in Urban Studies and Planning Program

The Masters of Science in Urban Studies and Planning (MSUSP) is an interdisciplinary, collaborative graduate program between the College of Liberal Arts and Social Sciences (CLASS) at Savannah State University (SSU) and the College of Arts and Sciences (CAS) at Armstrong Atlantic State University (AASU). The program seeks to enhance the development of each student’s analytical and research skills, strengthen their intellectual resources necessary for the generation of new knowledge of urban areas in Georgia and worldwide; and to add to the general public’s awareness of the problems and strengths of Georgia’s urban areas through community activity. **(See Graduate Programs for Details)**

College of Sciences and Technology

The College of Sciences and Technology comprises four departments: the Department of Natural Sciences, the Department of Engineering Technology and Mathematics, the Department of Naval Science and the Department of Military Science. It offers Bachelor of Science degree programs with majors in Biology, Chemistry, Environmental Sciences, Marine Science, Mathematics, Civil Engineering Technology, Computer Science Technology, and Electronics Engineering Technology.

The College offers Master of Science degree in Marine Science. In collaboration with Georgia Tech, it also offers engineering degree programs under Georgia Tech Regional Engineering Program (GTREP), Regents Engineering Transfer Program (RETP) and Dual degree program.

The Naval Reserve Officers Training Program gives young men and women the choice of attending college in an academic discipline of their choice while at the same time receiving military training that culminates at being commissioned as military officers in the Navy or Marine corps upon completion of the baccalaureate degree.

The Army Reserve Officers Training Program enhances a student's education by providing unique leadership and management training along with practical experience. It helps a student develop many of the qualities basic to success in the Army, or in a civilian career. ROTC gives students a valuable opportunity to build for the future by enabling them to earn a college degree and an officer's commission at the same time.

Core Curriculum

All students enrolled for the first time must complete the core curriculum, which consists of six areas and includes sixty-five semester hours of course work.

Numbers in parentheses following course description indicate, in subsequent order, the number of hours of lecture each week, the number of laboratory hours each week and the semester hour credit the course carries.

Students seeking degrees with any major through the College of Sciences and Technology are required to complete the University's "Core Curriculum".

Students then select and complete the requirements for a specific major curriculum as described in the appropriate sections of this catalog.

Department of Natural Sciences

Mission

The two-fold mission of the Department of Natural Sciences is:

- To graduate students prepared to perform at high levels of excellence and productivity in their chosen fields of endeavors in a changing technological society and the global community.
- To provide academic course offerings that include teaching and research opportunities that prepare students for careers or graduate studies in medical, marine science, environmental science, biological, chemistry, and physical science fields.

The mission is realized through its goals:

- To offer foundation courses in biology, chemistry, marine science, environmental science, and physical science that enhance a liberal arts education and serve as a basis for advanced studies.
- To develop courses which develop competencies in critical thinking, oral and written communication, creative thinking, and problem solving.
- To offer a variety of courses which prepare and enhance the professional growth of traditional and non-traditional students.
- To offer scholarly and research activities which enhance the continued educational and professional growth of faculty members.
- To develop structured web-based courses.

The philosophy and purposes of the Department of Natural Sciences are, in general, consistent with the overall philosophy of the university. Specifically, the Department accepts the responsibility of preparing students for job opportunities in the professional arena:

- To gain basic preparation, knowledge and skills necessary to the satisfaction of their general needs of home and society.
- To acquire specialized training in one of the natural sciences, to develop individual talents and intellectual curiosity that is essential to further study and progress.
- To develop an understanding of mental, emotional, and physical health, and to practice habits that are conducive to sound personal and community health.

The Department of Natural Sciences offers a graduate degree in Marine Sciences; undergraduate degrees in Biology, Chemistry, Marine Science, and Environmental Science; and minors in Biology, Chemistry, and Marine Science.

Biology Major

The Program in Biology within the Department of Natural Sciences offers curricula leading towards B.S. degrees in Biology. Additional courses are offered for students with a general interest in the life sciences, but these courses are not counted toward the above-mentioned degree programs.

The options within the program emphasize distinct training to pursue careers in research, education, biomedicine, biotechnology, or unique paths selected by the students in consultation with their faculty advisors. Related Programs in Environmental Science and Marine Science are coordinated with the Program in Biology, primarily concerning joint enrollment in the Principles of Biology I & II classes. Specific upper level courses from the Marine Science and Environmental Science Programs may be counted toward the degrees in Biology. Students will need to discuss specific options with their advisors.

Students will have the option to specialize in areas ranging from molecular mechanisms to ecological analysis. A broad range of course materials emphasizing critical thinking will be cultivated by involvement in investigative techniques ranging from laboratory experiments to individual research projects. Students will be encouraged to think beyond the classroom and participate in activities on and off campus.

A departmental Exit Exam is required of all students applying for graduation with a degree from the program. The Exit Exam will be a summary test of the biology core course material specific to the program of study, and it will be administered within a senior level course specific to the program of study. The Exit Exam will be graded on a pass-fail basis, and a passing grade is required for graduation. Biology majors will take the Exit Exam while enrolled in BIOL 4930.

All students must pass both parts of the Regents' Test and must earn a minimum grade "C" in all courses specified as major/minor requirements.

Programs of Study

Bachelor of Science in Biology

The Bachelor of Science in Biology can be earned by the completion of different courses, all centered on common core courses. The university Core Curriculum is followed by the core courses in biology, and includes required courses in chemistry, mathematics, and physics.

Electives within the department allow for training to focus on specific career objectives. Electives will be selected following consultation with the faculty advisor. For example, the health-science or biomedical option can be used as the foundation for careers as a medical doctor, dentist, veterinarian, or many other related professions.

Majors are reminded to be aware of the non-degree courses offered by the department (see below). These courses will not earn credit toward the degrees within the program. A grade of "C" or better is required in all courses required for the degree.

University Core Curriculum

Areas A, B, C, D, E and additional requirements

{Area D includes natural science electives, and biology majors will enroll in Principles of Chemistry I & II, CHEM 1211, 1211L, 1212, 1212L} **65 hours**

Area F of Core Curriculum **18 hours**

BIOL 1107	Principles of Biology I	3 hours
BIOL 1107L	Principles of Biology I Lab	1 hour
BIOL 1108	Principles of Biology II	3 hours
BIOL 1108L	Principles of Biology II Lab	1 hour
MATH 2101	Calculus (or approved math course) OR	4 hours
MATH 2201	Statistics	3 hours
Select 6 or 7 credits from the following:		
BIOL 1001	Intro Life Science	1 hour
BIOL 1401	Intro Biological Chemistry	2 hours
BIOL 1103	General Biology	3 hours
BIOL 1103L	General Biology Lab	1 hour
BIOL 1104	Human Biology	3 hours
BIOL 1104L	Human Biology Lab	1 hour
BIOL 2515K	Human Anatomy & Physiology I	4 hours
BIOL 2516K	Human Anatomy & Physiology II	4 hours
CHEM 2101	Synthesis Laboratory	2 hours
MATH 2101	Calculus OR	4 hours
MATH 2201	Statistics	3 hours
CSCI 1301	Intro to Computer Science I	3 hours
CSCI 1302	Intro to Computer Science II	3 hours

Major in Biology (Required Courses) **24 hours**

BIOL 3101	Botany	3 hours
BIOL 3101L	Botany Lab	1 hour
BIOL 3201	Molecular & Cellular Biology	3 hours
BIOL 3201L	Molecular & Cellular Biology Lab	1 hour
BIOL 3301	Genetics	3 hours
BIOL 3301L	Genetics Lab	1 hour
BIOL 3401	Ecology & Evolution Biology	3 hours
BIOL 3401L	Ecology & Evolution Biology Lab	1 hour
BIOL 3321	Microbiology	3 hours
BIOL 3321L	Microbiology Lab	1 hour
BIOL 3801	Physiology	3 hours
BIOL 3801L	Physiology Lab	1 hour

Senior Courses **5 hours**

BIOL 4901	Senior Seminar	1 hour
BIOL 4902	Research or Internship	2 hours
BIOL 4930	Senior Synthesis	2 hours

(includes Exit Exam)

Electives (3000 or higher science or math courses) **15 hours**

Other Required Courses **16 hours**

PHYS 1111K	Introductory Physics I	4 hours
PHYS 1112K	Introductory Physics II	4 hours
CHEM 2501	Organic Chemistry I	3 hours
CHEM 2501L	Organic Chemistry I Lab	1 hour
CHEM 2511	Organic Chemistry II	3 hours
CHEM 2511L	Organic Chemistry II Lab	1 hour

Total Hours Required for the Major in Biology **125 hours**

Suggested Biology Elective Options (at least 15 credit hours of courses will be selected from options in consultation with advisor):

Premedical-Health Science- Vertebrate Anatomy w/lab (BIOL 3511, 3511L required), Developmental Biology w/lab (BIOL 4611, 4611L required), and seven hours from: Physiological Chemistry (BIOL 4651, 4651L, Biochemistry (CHEM 4101, 4101L), Neuroscience (BIOL 4601, 4601L), Endocrinology (BIOL 4631, 4631L), Immunology (BIOL 4681, 4681L), or Parasitology (BIOL 4641, 4641L)

Biotechnology Track- Biotechnology- An Overview (BIOL 4301, 4301L), Genetic Engineering Technology I (BIOL 4411, 4411L), Genetic Engineering Tech. II (BIOL 4412), Biochemistry (CHEM 4101, 4101L), or other relevant courses approved by the advisor.

Service Courses

Certain courses are offered for students who do not intend to earn the degree in biology. These courses are intended to provide electives for majors in other departments, or as preliminary courses for students planning to move on to other programs. **THESE COURSES MAY BE CREDITED TOWARD THE MAJOR IN AREA F OF THE CORE CURRICULUM. CHECK WITH THE BIOLOGY ADVISORS.**

BIOL 1103, General Biology 3 hours (can be used for area D)

BIOL 1103L, General Biology

Lab 1 hour (can be used for area D)

BIOL 1104, Human Biology 3 hours (can be used for area D)

BIOL 1104L, Human Biology

Lab 1 hour (can be used for area D)

BIOL 2515K Human Anatomy & Physiology I 4 hours

BIOL 2516K Human Anatomy & Physiology II 4 hours

[2515K & 2516K meet requirements for many health-related career programs (e.g. nursing, physical therapy - check with the program of interest)]

Chemistry Major

Accreditation: The Chemistry Program is certified by the Committee on Professional Training of the American Chemical Society.

The Chemistry programs are designed to provide strong and innovative instruction in the theory and practice of the chemical sciences. Our graduates are expected to be proficient in the methods of scientific inquiry. The programs are designed to accommodate a range of career goals such as research scientists at varied research laboratories and industrial settings; and at associated professions such as the health sciences and public policy.

The Chemistry program offers courses leading to the degree of Bachelor of Science with the following options: BS Chemistry (ACS Certified), BS Chemistry and BS Chemistry Pre-Professional Option. Minor concentrations are offered in Chemistry and Forensic Science.

The Bachelor of Science in Chemistry degree program is designed to give a strong foundation in physical, inorganic, organic and analytical chemistry. The program provides flexibility to satisfy a range of career goals. The Bachelor of Science in Chemistry with Pre-Professional Option enables majors to meet the admission requirements for medical, dental, pharmacy, veterinary and graduate schools.

The Program in Chemistry requires majors to earn a minimum grade of "C" in each of the courses required for the degree. A pass in the exit examination is a requirement for graduation. The exit examination is a test in all the major areas of chemistry: analytical, biochemistry, inorganic, organic and physical chemistry.

Bachelor of Science in Chemistry

Core Curriculum (Areas A, B, C, D, E and Additional requirements)

47 hours

Area F

18 hours

MATH 2101 Calculus I 4 hours

MATH 2111 Calculus II 4 hours

CHEM 1211 Principles of Chemistry I 3 hours

CHEM 1211L Principles of Chemistry I Lab 1 hour

CHEM 1212 Principles of Chemistry II 3 hours

CHEM 1212L Principles of Chemistry II Lab 1 hour

CHEM 2101 Synthesis Laboratory 2 hours

or

CHEM 1211_H Honors Principles of Chemistry 4 hours

CHEM 1212_H Honors Principles of Chemistry II 4 hours

CHEM 2101 Synthesis Laboratory 2 hours

Major requirements

60 hours

Chemistry Foundation Requirements *35 hours*

CHEM 2501	Organic Chemistry I	3 hours
CHEM 2501L	Organic Chemistry I Lab	1 hour
CHEM 2511	Organic Chemistry II	3 hours
CHEM 2511L	Organic Chemistry II Lab	1 hour
CHEM 3101	Analytical Chemistry	3 hours
CHEM 3101L	Analytical Chemistry Lab	1 hour
CHEM 3201	Instrumental Analysis	3 hours
CHEM 3201L	Instrumental Analysis Lab	1 hour
CHEM 3302	Research	2 hours
CHEM 3401	Physical Chemistry I	3 hours
CHEM 3401L	Physical Chemistry I Lab	1 hour
CHEM 3411	Physical Chemistry II	3 hours
CHEM 3411L	Physical Chemistry II Lab	1 hour
CHEM 3522	Advanced Synthesis Laboratory	2 hours
CHEM 4101	Biochemistry	3 hours
CHEM 4121	Advanced Inorganic Chemistry	3 hours
CHEM 4901	Chemical Seminar	1 hour

Chemistry electives* *8 hours*

* The student selects the electives in consultation with his/her advisor, and approved by the coordinator of the Chemistry Program.

Additional Requirements *11 hours*

PHYS 1111K	Introductory Physics I	4 hours
PHYS 1112K	Introductory Physics II	4 hours
	or	
PHYS 2211K	Principles of Physics I	4 hours
PHYS 2212K	Principles of Physics II	4 hours
CSCI 1301	Computer Science I	3 hours

Foreign Language Sequence *6 hours*

Choose one sequence from the following:

FREN 1001	Elementary French I	3 hours
FREN 1002	Elementary French II	3 hours
GRMN 1001	Elementary German I	3 hours
GRMN 1002	Elementary German II	3 hours
SPAN 1001	Elementary Spanish I	3 hours
SPAN 1002	Elementary Spanish II	3 hours
CHEM 4201	Medicinal Chemistry	3 hours
CHEM 4301	Chemistry of the Environment	3 hours
CHEM 4301L	Chemistry of the Environment Lab	1 hour
CHEM 4531	Advanced Organic Chemistry	3 hours
CHEM 4601	Polymer Chemistry	3 hours
CHEM 4601L	Polymer Chemistry Lab	1 hour

Total Hours Required for the Major in Chemistry **125 hours**

Bachelor of Science in Chemistry - Pre-Professional Option

Students who are interested in careers in medicine, dentistry, veterinary medicine, pharmacy, and biomedical research may choose this option.

Core Curriculum (Areas A, B, C, D, E and Additional requirements) **47 hours**

Area F **18 hours**

MATH 2101	Calculus I	4 hours
MATH 2111	Calculus II	4 hours
CHEM 1211	Principles of Chemistry I	3 hours
CHEM 1211L	Principles of Chemistry I Lab	1 hour
CHEM 1212	Principles of Chemistry II	3 hours
CHEM 1212L	Principles of Chemistry II Lab	1 hour
CHEM 2101	Synthesis Laboratory	2 hours

Major Requirements **60 hours**

Chemistry Foundation Requirements *33 hours*

CHEM 2501	Organic Chemistry I	3 hours
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CHEM 2501L	Organic Chemistry I Lab	1 hour
CHEM 2511	Organic Chemistry II	3 hours
CHEM 2511L	Organic Chemistry II Lab	1 hour
CHEM 3101	Analytical Chemistry	3 hours
CHEM 3101L	Analytical Chemistry Lab	1 hour
CHEM 3201	Instrumental & Data Analysis	3 hours
CHEM 3201L	Instrumental & Data Analysis	1 hour
CHEM 3401	Physical Chemistry I	3 hours
CHEM 3401L	Physical Chemistry I Lab	1 hour
CHEM 3411	Physical Chemistry II	3 hours
CHEM 3411L	Physical Chemistry II Lab	1 hour
CHEM 3522	Advanced Synthesis Laboratory	2 hours
CHEM 4101	Biochemistry	3 hours
CHEM 4111	Advanced Biochemistry	3 hours

**Biology Electives: At least one course must be taken from each of the following groups:*

Group A: BIOL 2515K, 2516K (Human Anatomy and Physiology I and II); BIOL 3801, 3801L (Physiology); BIOL 3511, 3511L (Vertebrate Anatomy).

Group B: BIOL 3321, 3321L (Microbiology); BIOL 3201, 3201L (Cellular and Molecular Biology); BIOL 3301, 3301L (Genetics); BIOL 4221, 4221L (Microbial Physiology); BIOL 4211, 4211L (Reproductive Biology).

Chemistry Program Minors

Chemistry Minor **16-18 hours**

CHEM 3101	Analytical Chemistry	3 hours
CHEM 3101L	Analytical Chemistry	1 hour
CHEM 3201	Instrumental & Data Analysis	3 hours
CHEM 3201L	Instrumental & Data Analysis	1 hour
CHEM 3401	Physical Chemistry	3 hours
CHEM 3401L	Physical Chemistry	1 hour
CHEM 4101	Biochemistry	4 hours
CHEM 4121	Advanced Inorganic Chemistry	3 hours
CHEM 4531	Advanced Organic Chemistry	3 hours

Forensic Science Minor **15 hours**

FSCI 3201	Forensic Evidence in Law Enforcement	3 hours
FSCI 3301	Principles of Forensic Science	3 hours
FSCI 3301L	Principles of Forensic Science Lab	1 hour
FSCI 4101	Personal ID/DNA Finger Print Analysis	3 hours
FSCI 4101L	Personal ID/DNA Finger Print Analysis Lab	1 hour
FSCI 4201	Drug Abuse & Drug Analysis	3 hours
FSCI 4201L	Drug Abuse & Drug Analysis Lab	1 hour

Environmental Science Major

The Department of Natural Sciences and Mathematics offers courses leading to the degree of Bachelor of Science with a major in Environmental Science. In addition, the program also offers courses leading to a minor option in environmental science for science and non-science majors. The objectives of the program are as follows:

- To provide a broad-based curriculum and specialization involving integration of information from different disciplines such as natural and social science and leading to a degree in environmental science.
- To offer courses that satisfies the environmental science curriculum requirements for persons planning to pursue careers in the environmental sciences and related disciplines as well as preparation for advanced study in environmental related disciplines.
- To offer core courses in environmental science for science and non-science majors for completion of a minor option.
- To participate in community outreach activities as professional scientists, educators and representatives of the University.
- To encourage student and faculty from all disciplines to participate in environmental research and to be active in pursuit of the knowledge of sustainable development. Critical thinking, data analysis and interpretation; computer application and instrumentation usage skills are to be developed.

All students must pass both parts of the Regents' Test and must earn a minimum grade of "C" in all courses specified as major/minor requirements.

Program of Study

The Bachelor of Science in Environmental Science can be earned by the completion of different courses, all centered on common core courses. The university Core Curriculum is followed by the core courses in environmental science, and includes required courses in biology, chemistry, mathematics, and physics. Electives or course options will be selected following consultation with the faculty

advisor.

Core Curriculum (Areas A, B, C, D, E and additional requirements) 47 hours

Area F		18 hours
PHYS 1111K	Principles of Biology I	4 hours
BIOL 1108	Principles of Biology II	3 hours
BIOL 1108L	Principles of Biology II Lab	1 hour
MATH 2101	Calculus (or approved math course)	3 hours
ENVS 2401	Introduction to Environmental Science	3 hours
ENVS 2041L	Introduction to Environmental Science Lab	1 hour
ENVS 3121	Environmental Ethics	3 hours
CORE COURSES (A-F) Total		65 hours

Major in Environmental Science 60 hours

MSCI 4301K	Limnology & Biological Oceanography	4 hours
ENVS 3203	Environmental Chemistry and Analysis	3 hours
ENVS 3203L	Environmental Chemistry and Analysis Lab	1 hour
ENVS 3621	Environmental Health and Hygiene	3 hours
ENVS 4121	Environmental Law	3 hours
ENVS 4101	Contaminant Hydrology	3 hours
ENVS 4101L	Contaminant Hydrology Lab	1 hour
ENVS 4301	Solid & Hazardous Waste Management	3 hours
ENVS 4202	Principles of Ecotoxicology	3 hours
ENVS 4801	Internship	2 hours
ENVS 4901	Environmental Synthesis Seminar	1 hour
CHEM 2501	Organic Chemistry I	3 hours
CHEM 2501L	Organic Chemistry I Lab	1 hour
ENVS 1121K	Physical Geology	4 hours
Major electives Must take three of the following:		10 hours
ENVS 4401	Environmental Impact Assessment	3 hours
ENVS 3301	Environmental Radiation	3 hours
ENVS 3301L	Environmental Radiation Lab	1 hour
ENVS 4910	Special Topics	3 hours
MSCI 4601	Introduction to Environmental Permitting Process	3 hours
MSCI 3702	Introduction to Geographic Information Systems	3 hours
MSCI 4201K	Marine Ecology	4 hours
CHEM 3101	Analytical Chemistry	3 hours
CHEM 3101L	Analytical Chemistry Lab	1 hour
CHEM 3201	Instrumental Analysis	3 hours
CHEM 3201L	Instrumental Analysis Lab	1 hour
<i>Open Electives</i>	<i>Selected in consultation with advisor</i>	<i>15 hours</i>

Total Hours Required for the Major in Environmental Science 125 hours

Minor in Environmental Science

ENVS 2401	Introduction to Environmental Science	3 hours
ENVS 2401L	Introduction to Environmental Science Lab	1 hour
ENVS 4121	Environmental Law	3 hours
ENVS 4401	Environmental Impact Assessment	3 hours
<i>Choose 5 or more hours from the following:</i>		
ENVS 3121	Environmental Ethics	3 hours
ENVS 4101	Contaminant Hydrology	3 hours
ENVS 4101L	Contaminant Hydrology Lab	1 hour
ENVS 4301	Solid & Hazardous Waste Management	3 hours
ENVS 4801	Internship	2 hours

Total Hours required for the Minor in Environmental Science 15 hours

Marine Science Major

The mission of the Marine Sciences Program at Savannah State University is to provide research, education, and outreach programs that contribute to a vital technically qualified intellectually thoughtful and ethically diverse community of individuals capable of solving problems and answering questions related to coastal and ocean ecosystem health, environmental quality and fisheries sustainability.

Bachelor of Science in Marine Science

The Major Field Learning Outcomes (MFLOs) are what we expect and what a student should know and do as a result of graduating with a major in marine sciences from SSU. Graduates will:

- Be ocean literate. Ocean literacy is an understanding of the ocean's influence on you and your influence on the ocean. An ocean-literate person understands the essential principles and fundamental concepts, can communicate about the oceans in a meaningful way, and is able to make informed and responsible decisions regarding the oceans and its resources.
- Demonstrate a basic knowledge in the sciences, oceanography and marine biology.
- Demonstrate the ability to identify marine science questions and problems; use critical thinking, research, and analytical skills to solve them; and effectively communicate the results using research report and oral presentation formats.
- Have marine sciences relevant and appropriate quantitative and analytical skills and tools.

These objectives are met through rigorous course work including laboratories and boat-based instructions; academic advisement and mentoring; and opportunities to become engaged in original research.

Facilities include a 6,000-square-foot instructional wet-laboratory facility, dock, and boats (up to 36-foot twin diesel); all of which are on campus providing exceptional capabilities for hands-on marine science instruction.

Program of Study

Core Curriculum (Areas A, B, C, D, E and additional requirements) 48 hours

Area F		18 hours
BIOL 1107	Principles of Biology I	3 hours
BIOL 1107L	Principles of Biology I Lab	1 hour
BIOL 1108	Principles of Biology II	3 hours
BIOL 1108L	Principles of Biology II Lab	1 hour
CHEM 2501	Organic Chemistry I	3 hours
Non-English Language		3 hours
MATH 2101	Calculus I	4 hours
CORE COURSES (A-F) TOTAL		65 hours

Major in Marine Science 60 hours

MATH 2201	Introduction to Probability & Statistics	3 hours
MSCI 3101K	Marine Science I	4 hours
MSCI 3102K	Marine Science II	4 hours
MSCI 3301K	Marine Environmental Chemistry & Analysis	4 hours
MSCI 3401K	Invertebrate Zoology	4 hours
MSCI 3501K	Ichthyology	4 hours
MSCI 3901	Tech Writing Seminar	3 hours
MSCI 4901	Senior Seminar	1 hour
MSCI 4902	Senior Research/Internship	1-3 hrs
MSCI 4903	Senior Research/Internship II	1-3 hrs
MSCI 4201K	Marine Ecology	4 hours
MSCI 4301K	Biological Oceanography	4 hours
PHYS 1111K	Physics I	4 hours
PHYS 1112K	Physics II	4 hours
CHEM 2501L	Organic Chemistry I Lab	1 hour

Note: MSCI 3401K is offered during the fall of odd years only.

ELECTIVES (courses will be selected in consultation with advisor) 13 hours

Total hours required for the Major in Marine Science 125 hours

Note: CHEM 1211 Principles of Chemistry I, CHEM 1211L Principles of Chemistry I Lab, CHEM 1212 Principles of Chemistry II, and CHEM 1212L Principles of Chemistry II Lab are required for Area D.

Minor in Marine Science

MSCI 3101K	Marine Science I	4 hours
MSCI 3102K	Marine Science II	4 hours
Additional Marine Science (MSCI) courses at 3000 and/or 4000 level:		7 hours
Total hours required for the Minor in Marine Science		15 hours

Master of Science in Marine Sciences

The Master of Science in Marine Sciences degree program provides a curriculum designed to meet the needs of individuals who desire a graduate degree to prepare them for a career to address marine resource and coastal environmental issues through research, education, and outreach. The program takes advantage of its campus location adjacent to a salt marsh and is the only instructional unit in the University System of Georgia with direct ocean access and on-campus marine laboratory facilities. A collaborative agreement with the Skidaway Institute of Oceanography, the National Oceanographic and Atmospheric Administration (NOAA) and on-going collaborative programs and contracts with universities, state agencies and federal agencies also contribute to a framework of quality and excellence. **(See Graduate Programs for Details).**

Department of Engineering Technology and Mathematics

The Department of Engineering Technology and Mathematics offers courses leading to the degree of Bachelor of Science, with majors in Civil Engineering Technology, Computer Science Technology, Electronics Engineering Technology, Electronics Engineering Technology (computer option) and Mathematics. The civil and electronics engineering technology programs are accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET). The Electronics Engineering Technology program is accredited by the International Association for Radio, Telecommunications and Electromagnetics (iNARTE) and the University is a certified iNARTE Testing Center.

Engineering Technology embraces the physical sciences, mathematics, and the practices and materials of modern industry, which are utilized in the design, and construction of the machines, structures, highways, power sources, process systems, communication systems, and products needed to maintain a highly technological society. The activities of engineering technology are concerned with translating the concepts and theories of professional engineers and scientists into actual devices and products by using tests to provide data for rational solutions and designs. These tests are followed by interpretations of data and preparation of appropriate plans for use by skilled craftsmen who produce the devices and/or products.

The objectives of the engineering technology and computer science technology programs are to prepare their students for successful careers, and this process requires the department to provide opportunities for students to acquire the essential educational experiences for applying their knowledge and methods coupled with skills in support of technical activities.

Registration for Professional Engineer

To protect public safety, each state establishes laws to license engineers involved in projects affecting public health, safety and life. The registration process involves written examination, professional work experience and professional recommendations.

Although it is not the goal of Savannah State University to prepare an individual for professional engineering registration, it is possible for an engineering technology graduate of Savannah State University to become registered in Georgia and some other states. Students considering registration as a professional engineer should contact the Department of Engineering Technology and Mathematics for further information.

Engineering Technology graduates from TAC of ABET accredited programs are qualified for professional licensing by the National Institute for Certification in Engineering Technologies (NICET). Students interested in this certification may contact the department Chair for more information.

Engineering Technical Organizations

Students are encouraged to join appropriate engineering societies to stimulate their interest in professional activities, to promote their pursuit for life-long learning, and to expose them to professional conduct and ethics. The department has, at present, the following student organizations:

- Institute of Electrical and Electronic Engineers (IEEE)
- American Society of Civil Engineers (ASCE)
- National Society of Black Engineers (NBSE)

Cooperative Education Program

The Cooperative Education Program enables engineering technology students to gain work experience in industry as paid employees during their college tenure. The program is coordinated through the Office of Cooperative Education. The program is available to students who have acquired at least 30 semester hours, including at least five courses in the major; who are proficient in a computer language; who have a satisfactory academic record; and who meet the job specifications of the employer.

Students work in industry and attend college during alternate semesters or as arranged. To remain in the program, they must maintain creditable records at both places. Students must register for the appropriate cooperative education course each semester they are employed and must observe all applicable regulations of the cooperating company.

Students pursuing the coop program should expect their matriculation to extend beyond four years. The University does not guarantee the availability of coop stations, duties, or compensation. At the conclusion of the coop experience, students are not obligated to accept employment with the cooperating companies nor are the companies obligated to offer them employment.

Students interested in this program should consult with their advisors.

Baccalaureate Degree Programs

Special Requirements for Majors

Students enrolled in the Department of Engineering Technology who earn less than a “C” in any English, mathematics, sciences or major course required in their curriculum must repeat the course during the next semester that it is offered. Major courses are those courses offered by the Department of Engineering Technology and Mathematics.

Major Comprehensive Examination

To satisfy the institutional requirements for a comprehensive examination, all students in engineering technology are required to take an exit examination administered by the department.

Civil Engineering Technology Major

Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology

The curriculum in civil engineering technology is designed to provide ample instruction in those areas of knowledge required for successful performance in the following capacities as well as in other construction-related positions.

Architectural and Structural Draftsman and Designer - plans, designs, and supervises construction of frame, steel, and concrete structures; makes architectural inspections and appraisals for architects and builders.

Highway Engineering Technologist - collects and tests soil samples, concrete and other materials to ascertain their physical characteristics for use in highway construction; establishes the location and measurements of points, elevations, lines, areas and contours of land needed for highway construction and prepares hard copy, draft or computer generated drawings of land.

Estimator - determines quantities and costs of materials and labor required to erect structures.

Materials Tester - determines mechanical properties of materials used in the erection of structures and highways.

Surveyor - supervises, directs, and is responsible for the accuracy of the work of an engineering survey party engaged in determining the location and measurements of points, elevations, lines, areas, and contours on the earth's surface for purposes of securing data for building and highway construction, map-making, land valuation, mining, or other purposes.

Environmental Technologist - Plans, designs, and monitors water, wastewater, and other environmental pollution control systems.

Computer Science Technology Major

The curriculum in computer science technology is designed for those students who are interested in careers in computer science. This program is flexible so that students may orient the major emphasis toward software aspect of computer science or to be the hardware realm of computer science. This program promotes an extensive interdisciplinary approach to provide students a sound educational background, one that will make the students quite marketable and thus be prepared for gainful employment in following areas:

Programming/Software Development - consider how software (Java, Visual Basic, C# and Visual Studio) can, will, and should be developed.

Install Software/End User Support - computer applications with knowledge of hardware, word processing, spreadsheet, and database programs.

Network Setup and Administration – Install, tests, maintain the network software(Linux, NT) coveringbasic hardware configuration, using TCP/IP, configuring routing, network security., involved in operations, policies, procedures, functions, principles and practices of network and telecommunications support services.

Electronics Engineering Technology Major

Accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology

The electronics engineering technology curriculum provides instruction in the fundamentals of modern electronics theory, with emphasis on the application of theoretical principles to actual electronic devices, circuits, systems, design and fabrication. Graduates of the electronics engineering technology program are prepared to function effectively in several capabilities, including:

Research and Development Technologist - engages in the development, building and testing of new equipment in the areas of digital electronics, communication electronics and microelectronics.

Process Control Technologist - supervises the operation of automatic control equipment for industrial processes.

Field Engineering Specialist - installs, tests, and maintains equipment such as data processing machines and other electronic systems.

High Frequency Technologist - maintains and/or operates radar, sonar, and other warning detection and navigation devices.

Program of Study in the Department of Engineering Technology and Mathematics

Note: All programs in Engineering Technology require 128 semester hours (and five additional hours).

Core Curriculum

(Areas A, B, C, D, E, and additional hours) 47 hours

Area F Courses Appropriate to the Program of Study 18 hours

CHEM 1211	Principles of Chemistry	3 hours
CHEM 1211L	Principles of Chemistry Lab	1 hour
MATH 2101	Calculus I	4 hours
MATH 2111	Calculus II	4 hours
ENGT 2101K	Computer Graphics	3 hours
ENGT 2201	Technical Writing	2 hours

Major in Civil Engineering Technology

ENGT 3101	Statics	3 hours
ENGT 3501	Dynamics	2 hours
ENGT 3601	Strength of Materials	3 hours
ENGT 3701	Engineering Economy	3 hours
ENGT 3201	Applied Mathematics for Engineering Technology	1 hour
ELET 3701K	Data Acquisition System	2 hours
MECT 3101K	Engineering Materials	3 hours
ELET 3101K	Electrical Circuit I	3 hours
CSCI 1301	Computer Science I	3 hours
CIVT 3101K	Surveying	5 hours
CIVT 3201K	Civil Engineering Materials	2 hours
CIVT 3211	Construction Estimating & Management	3 hours
CIVT 3301K	Hydraulics & Engineering Hydrology	4 hours
CIVT 3401K	Highway & Transportation Engineering	4 hours
CIVT 3701	Structural Analysis	4 hours
CIVT 3601K	Soil Mechanics & Foundation Design	5 hours
CIVT 4101K	Structural Design I	3 hours
CIVT 4111K	Structural Design II	3 hours
CIVT 4201K	Environmental Engineering	4 hours
CIVT 4211	Environmental Pollution Control	3 hours
CIVT 4301	Urban Planning	2 hours
Technical Elective		3 hours

Total hours for Civil Engineering Technology 133 hours

Major in Computer Science Technology

Core Curriculum

Areas A, B, C, D, E, and Additional requirements 47 hours

Area F Courses Appropriate to the Program of Study 18 hours

CSCI 1301	Computer Science I	3 hours
CSCI 1302	Computer Science II	4 hours
MATH 2101	Calculus I	4 hours
MATH 2301	Discrete Mathematics	3 hours

Choose one of the following:

CSCI 1610	Programming in Java	4 hours
CSCI 2215	Perl Scripting	4 hours

Major Courses 60 hours

Computer Science Technology

CSCI 3000	Data Structure	3 hours
CSCI 3385	Computer Network & Design	3 hours
CSCI 2231	Introduction to UNIX	3 hours
CSCI 2235	Comparative Programming Lang.	3 hours
CSCI 4210	Database & File Processing	3 hours
CSCI 4410	Web Based Programming	3 hours
CSCI 4801	Project Design	1 hour

Choose two of the following:

CSCI 4310	Compiler Construction	3 hours
CSCI 3414	Software Engineering	3 hours
CSCI 4110	Operating Systems	3 hours
CSCI 3102	Visual Basic	3 hours
CSCI 3800	Computer Architecture	3 hours

Mathematics

MATH 2111	Calculus II	4 hours
MATH 2121	Calculus III	4 hours

Mathematics Elective		3 hours
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Engineering Technology

ENGT 2101K	Computer Graphics	3 hours
ELET 3101K	Electric Circuit I	3 hours
ELET 3111K	Electric Circuit II	3 hours
ELET 3301K	Digital Systems I	3 hours
ELET 3311K	Digital Systems II	3 hours
ELET 4411K	Computer Electronics	3 hours
ELET 3401K	Microcomputer Interfacing	3 hours

Choose one of the following:

ELET 4201K	VLSI Design	3 hours
ELET 3411K	Microcontroller	3 hours

Total hours for Computer Science Technology		125 hours
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Major in Electronics Engineering Technology (Computer Option)

ELET 3101K	Electrical Circuit I	3 hours
ELET 3111K	Electrical Circuit II	3 hours
ELET 3201K	Electronics I	3 hours
ELET 3211K	Electronics II	3 hours
ELET 3301K	Digital Systems I	3 hours
ELET 3311K	Digital Systems II	3 hours
ELET 3401K	Microcomputer Interfacing	3 hours
ELET 4611K	Fiber Optics	3 hours
CSCI 2231	UNIX	3 hours
ELET 3411K	Microcontroller	3 hours
ELET 3501K	Control Systems	3 hours
ELET 4621K	Digital Communications	3 hours
ELET 4101K	Programmable Logic Controller	3 hours
ELET 4411K	Computer Electronics	3 hours
MECT 3101K	Engineering Materials	3 hours
ELET 3701K	Data Acquisition System	2 hours
ENGT 3701	Engineering Economy	3 hours
ENGT 3301	Quality Control	3 hours
ENGT 3201	Applied Mathematics	1 hour
ENGT 3101	Statics	3 hours
CSCI 1301	Computer Science I	3 hours
Electives		8 hours

Total hours for Electronics Engineering Technology (Computer Option)		133 hours
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Major in Electronics Engineering Technology

ELET 3101K	Electrical Circuit I	3 hours
ELET 3111K	Electrical Circuit II	3 hours
ELET 3201K	Electronics I	3 hours
ELET 3211K	Electronics II	3 hours
ELET 3301K	Digital Systems I	3 hours
ELET 3311K	Digital Systems II	3 hours
ELET 3401K	Microcomputer Interfacing	3 hours
ELET 3411K	Microcontrollers	3 hours
ELET 3501K	Control Systems	3 hours
ELET 3511K	Electrical Machinery	3 hours

ELET 3701K	Data Acquisition System	2 hours
ELET 4101K	Programmable Logic Controllers	3 hours
ELET 4401K	Industrial Electronics	3 hours
ELET 4411K	Computer Electronics	3 hours
ELET 4621K	Digital Communications	3 hours
MECT 3101K	Engineering Materials	3 hours
ENGT 3201	Applied Mathematics	1 hour
ENGT 3301	Quality Control	3 hours
ENGT 3101	Statics	3 hours
ENGT 3701	Engineering Economy	3 hours
CSCI 1301	Computer Science I	3 hours
Electives		8 hours
Total hours for Electronics Engineering Technology		133 hours

Engineering Technology Minor

Minor in Civil Engineering Technology **17 hours**

(Not available to CIVT students)

CIVT 3101K	Surveying	5 hours
CIVT 3201K	Civil Engineering Materials	2 hours
CIVT 3211	Construction Estimating & Management	3 hours
CIVT 3401K	Highway & Transport. Engineering	4 hours
MECT 3101K	Engineering Materials	3 hours

Minor in Computer Science Technology **18 hours**

Select 9 hours from the following courses:

CSCI 1301	Computer Science I	3 hours
CSCI 1302	Computer Science II	4 hours
CSCI 1610	Programming in Java	3 hours
CSCI 2215	PERL Scripting	4 hours
CSCI 2231	Introduction to UNIX	3 hours

Select 9 Hours:

Upper Division Computer Science Technology Courses	9 hours
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Minor in General Technology **17 hours**

ENGT 2101K	Computer Graphics	3 hours
ENGT 2111K	CAD Applications	1 hour
ENGT 2201	Technical Writing	2 hours
ENGT 3101	Statics	3 hours
ELET 3101K	Electrical Circuit I	3 hours
ENGT 3501	Dynamics	2 hours
MECT 3101K	Engineering Materials	3 hours

Minor in Electronics Technology **18 hours**

(Not available to ELET, ELET (computer emphasis), and Computer Science Technology majors)

ELET 3101K	Electrical Circuit I	3 hours
ELET 3111K	Electrical Circuit II	3 hours
ELET 4101K	Programmable Logic Controllers	3 hours
ELET 3301K	Digital System I	3 hours
ELET 3311K	Digital System II	3 hours
ELET 3401K	Microprocessor Interfacing	3 hours

Engineering Degree Programs

Georgia Tech Regional Engineering Program (GTREP)

GTREP offers undergraduate degree programs in Civil, Computer, Electrical and Mechanical Engineering that are equal in content and quality to programs offered on the Atlanta campus of Georgia Tech. During the freshman and sophomore years of the undergraduate program, students are enrolled at Savannah State University offers all of the mathematics and science courses and some of the engineering courses required in the first two years of the Georgia Tech engineering curricula.

Prior to their junior year, students apply for transfer admission to Georgia Tech and complete their degree program as a Georgia Tech student. Students remain physically located in Savannah, but are taught by local Georgia Tech faculty supplemented by distance learning connections. Students graduating from GTREP receive a Georgia Tech – Regional Engineering Program degree.

Regent's Engineering Transfer Program (RETP)

Qualified students seeking a bachelor of engineering degree may begin their college studies at Savannah State University through the Regents' Engineering Transfer Program. Upon successful completion of the pre-engineering curriculum, students may transfer to Georgia Institute of Technology (Atlanta campus) to complete their degree requirements. Specific times each year have been established for students to visit Georgia Tech campus and meet with representatives of their anticipated major. Aerospace, Chemical, Civil, Computer, Electrical, Industrial, Materials, Mechanical, Nuclear and Textile Engineering majors are available to RETP students. Please note the RETP is only open to students who are residents of Georgia.

Dual Degree Program

Savannah State University has entered into an agreement with Georgia Institute of Technology to offer a dual degree program whereby undergraduate students can attend this institution for approximately three academic years and then transfer to an engineering program at Georgia Institute of Technology. This program is open to majors in chemistry, mathematics, computer science technology, and chemical, civil, electronics, and mechanical engineering technology.

Bachelor's degrees offered at Georgia Institute of Technology as a part of this program are in aerospace engineering, ceramic engineering, chemical engineering, civil engineering, computer engineering, electrical engineering, engineering science and mechanics, industrial engineering, materials engineering, mechanical engineering, nuclear and radiological engineering, textile chemistry, textile engineering, and textiles.

Program of Study

Students participating in the dual degree program shall complete the following at Savannah State University:

- Approximately three-fourths of the number of hours required for the degree at Savannah State University.
- All courses required for admission of engineering transfer students to Georgia Tech.
- The equivalent mathematics and science courses included in the freshman and sophomore years of the engineering discipline in which the student intends to major at Georgia Tech.

Admissions Requirements

- To be admitted to Georgia Tech in the dual degree program, students must:
- Complete the program of study as indicated above and obtain a positive recommendation from the dual degree coordinator.
- Meet the minimum grade point average requirements for admission of transfer students to Georgia Tech (those in effect at the time the student matriculates at Savannah State University).
- Submit application materials for evaluation by the Office of Undergraduate Admissions at Georgia Tech.
- Be citizens or permanent residents of the United States.

Mathematics Major

The Program in Mathematics and Physical Sciences within the Department of Engineering Technology and Mathematics offers courses leading towards a degree in mathematics and a double major in mathematics and any area of technical sciences. Minor programs in mathematics, physics, and computer science are available. The program promotes an extensive interdisciplinary approach to provide students a sound educational background, one that will make the students quite remarkable and thus prepared for gainful employment, or prepared to pursue graduate study. Course offerings include pure mathematics, applied mathematics, and statistics.

The main objectives of the Program of Mathematics and Physical Sciences are (1) to provide a program of study in mathematics, physical sciences, and environmental science which will enable students to achieve computational and problem-solving skills, an understanding of basic physical principles, and will enable them to apply these skills to their respective areas of study; and (2) to provide students in mathematics with the theory and applications necessary for use in post-baccalaureate study and/or in their work force, insight into physical and natural laws, and the analytical and logical thinking necessary for the application of these tools in the various fields as measured by the program and standard national level examinations

The curriculum in Mathematics is designed for those students who are interested in careers in mathematics or related fields (after graduation) in industry/government or pursuing an advanced degree in mathematics, pure or applied.

Freshman Mathematics

Entering freshmen whose scores on the combined verbal and mathematics sections of the Scholastic Aptitude Test (SAT) meet the requirements for regular admission, are placed in college algebra, precalculus, or calculus courses.

Applicants for admission whose SAT score do not meet the requirements for the regular admission must take the Collegiate Placement Examination (CPE) or COMPASS placement test in English, reading and mathematics. On the basis of their achievement on the Mathematics test, these students are assigned to college algebra or to a mathematics course in the Center for Academic Success.

Required Examinations

Candidates for the baccalaureate degree in the program of Mathematics and Physical Sciences are required to pass the reading and essay writing components of the Regents' Test Program (RTP).

Seniors Mathematics majors are required to take the departmental assessment examination and pass with an average of 50% to graduate from the program.

Exemption Examinations

Students may be exempted with credit hours from college algebra, precalculus, or calculus courses by passing the requisite examinations. Examinations should be taken before the end of the first semester of enrollment at Savannah State University and must be taken in sequential order. The College Level Examination Program (CLEP) tests are administered by the University's Director of Testing.

Examinations Required for Exemption with Credit

Course	Test	Minimum Passing Score
College Algebra	CLEP- College Algebra	70%
Precalculus	CLEP- Trigonometry	70%
Calculus I	Advanced Placement (AP) - Calculus AB	3% or above
Calculus II	Advanced Placement (AP) - Calculus BC	3% or above

Important Information

Students who have passed either Calculus I, Calculus II, or Calculus III with a minimum grade of "C" will not receive credit hours for the precalculus course taken subsequently.

All students must pass both parts of the Regents' Test and must earn a minimum grade of "C" in all courses specified as major/or minor requirements.

Students enrolled in the Program of Mathematics and Physical Sciences who earned less than the grade "C" in any English, mathematics, science, engineering, or major or minor course required in their curriculum must repeat the course during the next semester that the course is offered.

Students whose score on mathematics section of the SAT is less than 475 must take college algebra, the prerequisite course for precalculus.

Program of Study

Major in Mathematics

University Core Curriculum (Areas A, B, C, D, E and Additional requirements)

47 hours

Area F Courses Appropriate to the Program of Study		18 hours
MATH 2101	Calculus I	4 hours
MATH 2111	Calculus II	4 hours
MATH 2121	Calculus III	4 hours

Choose one of the following:

CSCI 1301	Computer Science I	3 hours
CSCI 1610	Programming in Java	4 hours

Choose one of the following:

MATH 2201	Elementary Statistics	3 hours
MATH 2301	Introduction to Discrete Mathematics	3 hours

Major Requirements (Required courses and specified elective courses) 30 hours**Required Courses 15 hours**

MATH 3101	Linear Algebra	3 hours
MATH 3201	Probability & Statistics I	3 hours
MATH 3211	Foundation of Higher Math	3 hours
MATH 4101	Abstract Algebra I	3 hours
MATH 4201	Analysis I	3 hours
Specified Elective Choices		15 hours

Choose one of the following:

MATH 4111	Abstract Algebra II	3 hours
MATH 4211	Analysis II	3 hours
MATH 4311	Probability & Statistics II	3 hours

Choose four of the following:

MATH 3301	Differential Equations	4 hours
MATH 3401	Modern Geometry	3 hours
MATH 3501	Numerical Analysis	3 hours
MATH 4111	Abstract II	3 hours
MATH 4211	Analysis II	3 hours
MATH 4221	Complex Analysis	3 hours
MATH 4311	Probability & Statistics II	3 hours
MATH 4401	Number Theory	3 hours
MATH 4411	Statistical Methods	3 hours
MATH 4421	Regression Analysis	3 hours
MATH 4501	Introduction to Topology	3 hours
MATH 4701	History of Math	3 hours
MATH 4901	Senior Seminar	1-3 hrs

Note: Students who plan to attend graduate school should take Math 4111, 4211, 4221, and 4501.

Free Electives 15 hours

Although students are able to use any 2000, 3000 and 4000 level classes to fulfill their electives, all mathematics majors are encouraged to take mathematics electives to fulfill their remaining 15 hours of course of work. The program has devised three cognate areas, and students are advised to choose one for their electives requirements.

Analysis Cognate:

MATH 3301	Differential Equations	4 hours
MATH 4211	Analysis II	3 hours
MATH 4221	Complex Analysis	3 hours

Statistics Cognate:

MATH 4211	Analysis II	3 hours
MATH 4311	Probability & Statistics II	3 hours
MATH 4411	Statistical Methods	3 hours
MATH 4421	Regression Analysis	3 hours

Pure Mathematics and Secondary Education:

MATH 3401	Modern Geometry	3 hours
MATH 4111	Abstract Algebra II	3 hours
MATH 4401	Number Theory	3 hours
MATH 4501	Introduction to Topology	3 hours

Note: Students opting for the analysis cognate should take 8 hours of physics (calculus based) in the area B of the core curriculum.

Minor field 15-18 hours

Total Hours Required for Major in Mathematics 125 hours

Program of Mathematics and Physical Sciences Minors**Minor in Mathematics 15-18 hours**

MATH 2101	Calculus I	4 hours
MATH 2111	Calculus II	4 hours
MATH 3101	Linear Algebra	3 hours

MATH 3201 Probability & Statistics I 3 hours

Mathematics Electives-Upper Division course 3 hours

(Students who will take MATH 2101 and/or 2111 in major program will take MATH 2111 and/or 2121 and nine to twelve hours of upper division courses to have a minimum of sixteen semester hours).

Department of Naval Science (Naval ROTC)

General

The department offers a minor in naval science. The program is designed to prepare the student for a commission in the U.S. Navy or Marine Corps and is required of those NROTC students who will obtain a commission. All course work must be completed with a grade of "C" or better.

Naval Science Courses Program of Study

All Midshipmen:

NSCI 1001	Introduction to Naval Science	2 hours
NSCI 1002	Seapower & Maritime Affairs	3 hours
NSCI 1003	Sailing	3 hours
NSCI 2101	Naval Ship Systems I (Engineering)	3 hours
NSCI 2102	Leadership & Management	3 hours
NSCI 4001	Naval Ship Systems II (Weapons)	3 hours
NSCI 4104	Leadership & Ethics	3 hours

Advanced Program – Navy Option:

NSCI 3003	Navigation	3 hours
NSCI 3004	Naval Operations & Seamanship	3 hours

Advanced Program – Marine Corps Option:

NSCI 3101	Evolution of Warfare	3 hours
NSCI 4102	Amphibious Warfare	3 hours

Additional and Substitute Requirements:

NSCI 4050, Naval Drill (0-2-0), is required each academic term of all midshipmen.
NSCI 1003 AND 4050 satisfy the university physical education requirement.

Navy Scholarship Midshipmen (additional requirements):

One year of calculus (completed before junior year)	6 hours
One year of calculus –based physics (completed before senior year)	6 hours
Regional Studies, World Culture and/or World Religion	3 hours
Military history and political science	6 hours

(Professor of Naval Science will promulgate courses that satisfy the above requirements)

Non-Scholarship Navy College Program Midshipmen (non-scholarship)

These students must complete one year of math, college algebra or higher, by the end of the junior year and one year of physical science by the end of the senior year as a prerequisite for commissioning. The physical science requirement can be met by completing a one-year sequence or two courses in any area of physical science. One mathematics course may be selected from the field of computer science or statistics.

Marine Corps Option

All Marine Corps option students shall take, during the junior or senior year, one course in military history and one in political science (6 hours total) from a list approved by the Professor of Naval Science.

NROTC Uniforms, Books and Instructional Materials

NROTC uniforms, books and special instructional materials will be issued at no charge to naval scholarship and college program students. Uniforms must be returned upon exit from the NROTC program. Books and other instructional material must be returned at the completion of each academic term.

Scholarships

Nationally awarded Navy ROTC scholarships are available to qualified students for tuition, fees and laboratory expenses. The scholarships can pay for up to four years of expenses and includes a \$350 book stipend per semester. Additionally, the Professor of Naval Science has several Historically Black College and University NROTC Scholarships that may be awarded to qualified high school seniors and graduates.

Financial Assistance

All Midshipmen in the NROTC program who qualify for the college program advanced standing or the scholarship program are paid a monthly tax-free stipend. The monthly amount is \$250 for freshmen, \$300 for sophomores, \$350 for juniors and \$400 for seniors.

Summer Training Cruises

Scholarship midshipmen will go on summer training cruises during three of their summer inter-term periods. Other midshipmen will attend summer training cruises based on their scholarship programs.

NROTC students must receive NSCI Course credit not MILs course credit for ACE recommended military experience.

Department of Military Science (Army ROTC)

General

The Reserve Officer Training Corps program is designed as a four-year course of study leading to a commission in the United States Army. In addition to a major, students must satisfy requirements in written communications skills, oral communications skills, military history, and computer literacy and complete the appropriate military science courses. Students interested in this program should consult with the professor of military science.

Military Science Courses Basic Course

MILS 1101	Introduction to Military Science & Skills Development	2 hours
MILS 1102	Basic Military Leadership	2 hours
MILS 2201	Basic Military Skills	2 hours
MILS 2202	Basic Military Tactics	2 hours
MILS 2250	Basic Field Internship Ft. Knox, KY	5 hours
MILS 5000K	Basic Leadership Lab	0 hours
MILS 2001	Evolution of Warfare	2 hours

Basic military science courses involve four (4) semesters during the freshman and sophomore years. Students learn leadership and management and acquire essential background knowledge of customs and traditions, weapons, map reading, tactics and survival. Equally important, these courses have the objective of developing the students' leadership, self-discipline, integrity and sense of responsibility. Those students who successfully complete the Basic Course, meet the Army physical standards, and demonstrate officer potential, will be considered for contracting and enrolling in the Advanced Course.

Advanced Course

MILS 3301	Advanced Tactics & Applied Leadership I	3 hours
MILS 3302	Advanced Tactics & Applied Leadership II	3 hours
MILS 3350	Advanced Military Skills Practicum, Ft. Lewis, WA	5 hours
MILS 4401	Military Leadership & Management Seminar	3 hours
MILS 4402	Transition to Lieutenant	3 hours
MILS 6000K	Advanced Leadership Lab	0 hours

Veterans who have at least two years of active duty service and who have completed 60 semester hours, and junior ROTC cadets who have completed 60 semester hours and 3 years of junior ROTC may receive placement credit and authorization to enroll in the advanced course when approved by the professor of military science (PMS). Also, qualities of positive potential for becoming an officer must be demonstrated. Leadership potential is emphasized as a very important single factor to be considered for enrollment and continuance in the program.

Advanced Military Science

The general objective of this course of instruction is to produce junior officers who, by education, training, attitude and inherent qualities, are suitable for continued development as officers in the Army. There are two avenues available for the student to be eligible for entry into the advanced program and obtain a commission as a second lieutenant:

- Satisfactory completion of, or placement credit for, the basic program basic ROTC and meeting the entrance and retention requirements established by the Army.
- To be an honorably discharged active duty veteran or junior ROTC cadet graduate eligible for placement credit.

Placement

Veterans entering the military science programs will receive appropriate placement credit for their active military service. Students who have completed military science courses in military preparatory schools or junior colleges may be given appropriate credit. Students with at least three years of high school ROTC may also be granted placement credit. Placement credit for four (4) semesters of basic military science, or equivalent thereof, is a prerequisite to admission into the advanced program.

Alternate Programs for Admittance

Students who have two years of course work remaining, but who have not completed basic military science are eligible to be considered for selection into the advanced military science program. Those selected under the provisions of the two-year advanced program must satisfactorily complete a Leaders' Training Course (LTC) of four weeks duration prior to entering the advanced program. Students attending the (LTC) at Fort Knox, Kentucky, are paid active army rates and given a travel allowance from their home to camp and return. Attendance at (LTC) is voluntary and incurs no military obligation until the student returns and decides to sign a contract to pursue a commission.

Leadership Diagnostic and Assessment Course (LDAC)

Students that are contracted and in the advanced course are required to attend (LDAC) at Fort Lewis, Washington, normally between their junior and senior academic years. Students attending this course are paid active army rates and given travel allowance from their home to camp and return.

Financial Assistance

All contracted advanced cadets are paid a subsistence allowance of \$150.00 per month and \$450.00 per year for books while enrolled in the advanced course.

Scholarship Program

Each year the U.S. Army awards two and three-year on-campus scholarships to outstanding young men and women participating in the Army ROTC program who desire careers as commissioned officers in the U.S. Army. The Army pays tuition fees, books, and laboratory expenses incurred by these students. In addition, each student receives \$250.00 to \$400.00 per month stipend for the academic year. Individuals desiring to compete for these scholarships should apply at the Department of Military Science.

Army ROTC Uniforms, Books and Supplies

Students enrolling in the Army ROTC program will be issued U.S. Army uniforms, books, and supplies by the Department of Military Science. No fees or deposits of any kind will be required. Uniforms must be returned before commissioning or upon non-enrollment from the ROTC program.

MIL Courses

The basic course of four (4) semesters consists of one hour of lecture with one hour of leadership lab per week for freshmen and two hours of lecture and one hour of leadership lab per week for sophomores. In the classroom, students acquire knowledge of military leadership, weapons, tactics, basic military skills, and physical fitness. In field training exercises, potential for leadership is progressively developed.

The advanced course consists of three hours of classroom work and one hour of leadership laboratory per week. During the second semester prior to advanced camp, students enroll in MILS 3302 to prepare for attendance at advanced camp. History 2361 (American Military History) is normally taken the second semester of the senior year. The course work during the advanced course emphasizes techniques of management and leadership and the fundamentals and dynamics of the military team. Field training exercises provide students with applied leadership experiences.

Professional Military Education (PME) Requirements

The Army's Professional Military Education requirements are established to provide cadets with the training and enrichment necessary to successfully compete in the Army. In addition to completing a baccalaureate degree, the cadet must complete an undergraduate course from each of the five designated fields of study. The five PME designated fields of study are listed below and the courses that meet the cadet command PME requirements.

- Written Communication Skills: ENGL 1101, 1102.
- Human Behavior: SOCI 1101, PSYC 1101, HIST 1101, 1102.
- Military History: HIST 2361, MILS 2001.
- Math Reasoning: MATH 1101.
- Computer Literacy: CSCI 1135, CLSM 2201.

Minor Concentration

The department offers a minor in military science. The program is designed to prepare students for commission in the United States Army. Whatever the major, a military science minor will strengthen students' management, leadership, and interpersonal communication skills. The minor requires fifteen credit hours with minimum grades of "B" in the following upper division military science courses: MILS 3301, 3302, 4401, and 4402, HIST 2361, and five additional credit hours of course work approved by the department chair. Students earning a minor in military science must be contracted. This contract will lead to being commissioned in the U.S. Army.

Physical Training

Physical Training (PT) is an important part of the Army ROTC program. Its purpose is to ensure each cadet is physically fit. The Army Physical Fitness Test (APFT) is used to determine the level of fitness by measuring cadets' endurance and stamina in three different events: push-ups, sit-ups, and a 2-mile run.

Basic course students who are freshmen are required to participate in one PT session per week. This session is part of their regular military science class and is normally held on Monday. Students who are sophomores are required to participate in physical training two times per week, normally on Mondays and Wednesdays.

Advanced course cadets are required to participate in PT as part of their regular military science class. PT is conducted 3 days a week for one hour on Mondays, Wednesdays, and Fridays. Six hours of PE credit are given to those cadets who successfully complete the Army ROTC advanced course (1 credit hour per course).

Description of Courses

College of Business Administration

Freshman Year Experience

BUSA 1103 **Freshman Year Experience** **2 Credits**
 This course is designed to assist students in the academic and social transitions associated with college life. The development of specific success skills such as financial literacy, time management, note-taking and study strategies, critical thinking, effective communication, and career and academic guidance activities will be included in this class.

Accounting

ACCT 2101 **Principles of Financial Accounting** **3 Credits**
 A study of the underlying theory and application of financial accounting concepts. *Prerequisite: MATH 1111*

ACCT 2102 **Principles of Managerial Accounting** **3 Credits**
 A study of the underlying theory and application of managerial accounting concepts. *Prerequisite: ACCT 2101*

ACCT 3111 **Intermediate Financial Accounting I** **3 Credits**
 An introduction to accounting theory underlying financial statements. There is an emphasis on the study of accounting principles and ethics relating to the recording and presentation of cash, receivables, and the investment in productive resources such as inventories, property, plant and equipment. Computer aided instruction will be utilized wherever applicable. *Prerequisite: ACCT 2102*

ACCT 3112 **Intermediate Financial Accounting II** **3 Credits**
 A course that is a continuation of ACCT 3111. The topics covered include liabilities, contingencies, stockholders' equity, dilutive securities, earnings per share, investments, revenue recognition, income taxes, pensions, post-retirement benefits, leases, accounting changes, error correction, cash flows, financial statement analysis, and full disclosure. Computer assisted instruction will be utilized wherever applicable. *Prerequisite: ACCT 3111*

ACCT 3113 **Federal Income Taxation of Individuals** **3 Credits**
 An analysis of the federal income tax law and its application to individuals. The course includes extensive practical problems, including the preparation of returns. Computer assisted instruction will be utilized. *Prerequisite: ACCT 2102*

ACCT 3114 **Federal Income Taxation of Corporations & Partnerships** **3 Credits**
 A continuation of the study of the Internal Revenue Code begun in Federal Income Taxation of Individuals and a survey of the income tax treatment of corporations and shareholder, partnerships and partners, S corporations, and other taxable entities. The course includes a limited coverage of tax research techniques. *Prerequisite: ACCT 3113*

ACCT 3115 **Cost/Managerial Accounting** **3 Credits**
 A course that furthers the knowledge gained in the fundamental managerial accounting course. This course emphasizes the use of basic cost accounting theory and concepts for cost accumulation and usage under job order, process, and activity-based costing systems, as well as budgeting and standard costing in a manufacturing environment. It also covers control and analysis of materials, labor and manufacturing overheads, and well as cost control and accumulation in a service environment. *Prerequisite: ACCT 2102*

ACCT 3117 **Accounting Information Systems** **3 Credits**
 The course introduces systems concepts and the role of the accountant in the Systems Development Life Cycle (SDLC). It covers areas such as documentation of systems, database management tools and strategies, and aspects of information systems controls. The impact of emerging technologies on accounting is also addressed. Additionally, specific accounting systems (Purchasing, Production, etc), with relevant systems applications in current use are also covered. *Prerequisite: ACCT 3111*

ACCT 4111	Intermediate Financial Accounting III	3 Credits
A continuation of Intermediate Financial Accounting II, new topics include revenue recognition, accounting changes and errors, accounting for income taxes, pensions and other post retirement benefits, leases, cash flow statement. <i>Prerequisite: ACCT 3112</i>		
ACCT 4116	Accounting for Not-For-Profit Institutions	3 Credits
A course focusing on the basic concepts and techniques of fund accounting, including budgeting and management accounting problems for governmental, educational, religious, and charitable organizations. <i>Prerequisite: ACCT 2102</i>		
ACCT 4117	Auditing	3 Credits
A comprehensive study of the philosophy, concepts, and techniques used by independent auditors. Topical coverage includes professional ethics, standards, audit programs, study and evaluation of internal control, auditors' opinions, statistical sampling techniques, and EDP auditing. <i>Prerequisite: ACCT 3112</i>		
ACCT 4118	Strategic Cost Management	3 Credits
This course uses the case approach to emphasize transition of costing systems from traditional systems to the development of Activity Based Costing systems and the use of ABC tools in management (Activity Based Management). Additionally, case studies in such areas as transfer pricing, target costing, management compensation and incentives, and the Balanced Scorecard are included. The relevance of technology in these areas is highlighted. <i>Prerequisite: ACCT 3115</i>		
BUSA Administration		
BUSA 1101	Leadership & Professional Development I	1 Credit
This seminar is required of all undergraduate business students and should typically be taken during the freshman year. This first course serves as a prerequisite for the following course in the series. The courses are designed to help students identify, appreciate and capitalize on natural strengths that will enable them to communicate, learn, and think more effectively. Students will be able to make critical decisions more efficiently and set realistic goals for success in college and the world of work.		
BUSA 2101	Leadership & Professional Development II	1 Credit
This second course in the series continues with the purpose of helping students identify, appreciate and capitalize on natural strengths that will enable them to communicate, learn, and think more effectively. Students will be able to make critical decisions more efficiently and set realistic goals for success in college and in the world of work. <i>Prerequisite: BUSA 1101</i>		
BUSA 2105	Communicating in the Business Environment	3 Credits
An emphasis on both interpersonal and organizational communication through written and oral exercises appropriate to business practice. <i>Prerequisites: ENGL 1101, 1102, and CISM 1130 or CSCI 1130</i>		
BUSA 2106	The Environment of Business	3 Credits
An introduction to the legal, regulatory, political, social, ethical, cultural, environmental, and technological issues which form the context for business and an overview of the impact of demographic diversity on organizations.		
BUSA 2182	Introduction to Business Statistics	3 Credits
An introduction to the methods of scientific inquiry and statistical inference. Subjects covered are sampling, parameter estimating, hypothesis testing, and determination of the nature and strength of relationships among variables, decision theory, time series analysis, and non-parametric methods. The course develops proficiency in the use of statistical software. Spreadsheets and statistical packages are used extensively. <i>Prerequisite: MATH 1113</i>		
BUSA 3000	Personal Finance (formerly FINC 3000)	3 Credits
A course designed to acquaint non-business students with the tools and constructs necessary for economic survival. This course focuses on consumer credit, savings and investment, insurance, home ownership, and estate planning. <i>Prerequisites: MATH 1111, CISM 1130 or CSCI 1130 & ENGL 1102</i>		

BUSA 4101**Leadership & Professional Development III****1 Credit**

This final course in the series continues with the purpose of helping students identify, appreciate and capitalize on natural strengths that will enable them to communicate, learn, and think more effectively. Students will be able to make critical decisions more efficiently and set realistic goals for success in college and in the world of work. In addition, student learning throughout the business curriculum is assessed.

Prerequisites: BUSA 2101, All of Area F (ACCT 2101 & 2102, BUSA 2105 & 2106, ECON 2105 & 2106); MGNT 3165, and MKTG 3175.

BUSA 4126**Business Policy****3 Credits**

A capstone course in the College of Business Administration required of all seniors. The course integrates subject matter from the business core courses and other disciplines. This course focuses on integrated approaches to medium and long-term organizational challenges in a dynamic environment. Students develop managerial skills and learn to appreciate the role of all managers in the formulation and implementation of organizational strategies.

Prerequisites: All Area F courses, MATH 1113, BUSA 2182, FINC 3155, MGNT 3165 and MKTG 3175 (All other Area G courses can be taken with BUSA 4126 if it's your final semester.)

BUSA 4229**Administrative Practice & Internship****3 Credits**

This course provides experiential learning in an employment setting, which is appropriate to the business student's academic program and career objectives. A minimum of 100 hours of relevant and practical work experience are required in a public or private organization, which has entered into a formal internship agreement with the College of Business Administration. The student intern will perform duties and services as assigned by the organization's supervisor and the COBA internship coordinator. In addition, the student intern may be required to attend seminars dealing with human relations, business etiquette, and professional and ethical responsibilities appropriate to the intern's major. Business students will be awarded 3 semester credit hours for successful completion of the internship. (A student cannot receive credit for both BUSA 4229 and CISM 4900). **(Grading: Pass/Fail)**

Prerequisite: MGNT 3165, at least a 2.75 CUM and 3.0 GPA in major, the completion of seventy-five (75) semester hours, and approval of the Office of the Dean of COBA

BUSA 4999**Study Abroad****3 Credits**

The SSU study abroad program takes place during the summer semester for a period of about four (4) weeks. Participants take courses in the history and culture of partnering countries (currently Brazil, the Caribbean, China, Ghana, and India) as well as in other areas of the academic curriculum. A typical course load consists of six (6) credit hours or two courses. COBA students will enhance their knowledge of other cultures through a three-hour history/culture courses, and will take the remaining three hours in a study abroad course in one of the business disciplines: accounting, management, marketing, or computer information systems. Through the study abroad program students can develop an in-depth appreciation of what it means to live and work in other cultures.

Prerequisite: Permission of Dean

Computer Information Systems**CISM 1130****Computer & Its Applications (same as CSCI 1130)****3 Credits**

An introductory course specially designed to help students become computer literate. The course covers the history of computers, hardware, software, and use of the state-of-the-art technology. Another unique feature of this course is that student use Internet, MS OFFICE applications using word processing, spread sheets, and HTML language to create homepages.

CISM 2130**Business Information Systems****3 Credits**

This course will introduce the business student to the management information system theory, the hardware and software systems available for meeting the information systems requirements, and the use of application software (spreadsheets and databases) to solve information problems and meet requirements. The emphasis is primarily on using a microcomputer through practical, hands-on operation thereby providing experience in the use of computers in higher-level college courses and a business environment.

Prerequisite: CISM 1130 or CSCI 1130

CISM 2140**Introduction to Programming: Visual Basic****3 Credits**

Topics include the visual programming environment, event-driven programming, file processing, database processing, error handling, objects and class libraries.

Prerequisite: CISM 1130 or CSCI 1130

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- CISM 3137** **System Analysis & Design** **3 Credits**
An introduction to concept of the system development life cycle (SDLC). Systems development techniques, methodologies, and CASE tools are introduced.
Prerequisite: CISM 1130 or CSCI 1130
- CISM 3232** **Web Application Development (formerly CISM 4232)** **3 Credits**
This course is an introduction to developing Web application. As such, this course is designed to provide basic concepts (e.g., client-server computing) and technologies. This course also introduces students to the languages and Web developing software used to create web pages.
Prerequisite: CISM 1130 or CSCI 1130
- CISM 3325** **Data Communication & Computer Networks** **3 Credits**
This course provides an introduction to the principles and techniques of data communications and computer networks. The course covers the topics of transmission media and modes, communication protocols, and network architecture. It will also cover the day to day administrative tasks necessary to maintain a business computer network. Creating user and group accounts, profiles, access permissions, resource auditing, backup, recovery and network printers will also be covered.
Prerequisite: CISM 1130 or CSCI 1130
- CISM 4137** **Database Design & Implementation** **3 Credits**
An introduction to the concept of database processing. The topics covered in this course are the components of database systems (DBMS), the entity/relationship diagrams, semantic object models as well as normalization and the relational model.
Prerequisite: CISM 1130 or CSCI 1130
- CISM 4138** **Contemporary Topics in CIS** **3 Credits**
A course that examines current issues in CIS. Topics may include visual programming, RAD techniques, building Internet applications, and advanced networking techniques.
Prerequisites: CISM 1130 or CSCI 1130 and permission of instructor
- CISM 4157** **Advanced Web Application Development** **3 Credits**
This course is designed to provide concepts and technologies of multi-tier Web-based applications development. Since multi-tier Web environment, especially three-tier in this course, consists of the client-tier, server-tier, including application server and Web server, and database-tier, this course will provide students with knowledge and skills that are required to design and develop advanced Web applications at each tier using Microsoft SQL Server, ASP.NET, and ADO.NET. This course also provides effective and efficient Web design and application skills, drawn on the theories of Web usability and human communication interfaces (HCI). The ultimate goal of this course helps students to develop three-tier Web applications with features (for example, the check-out, customer information management, etc.) that online retail Web sites have.
Prerequisites: CISM 2140, 3232, 4137
- CISM 4200** **Project Management** **3 Credits**
This course is designed to help students learn technologies and methodology to initiate, plan, monitor and execute projects. Students will learn and exercise to develop a comprehensive project plan, including tasks with time, cost, and quality measures throughout the course. Project management tools will be employed by the team to ensure tracking of the project and communication of project goals and accomplishments to the client. Students will learn from real-world cases and work on a number of software, including but not limited to, Microsoft products and Visio.
Prerequisites: CISM 2140 and CISM 3137
- CISM 4900** **Occupational Internship** **3 Credits**
This course is expected to serve as a supplemental source of learning and also to enhance the student's academic program and career objectives. A minimum of 100 hours of relevant and practical experience are required in a public or private organization, which has entered into a formal internship agreement with the College of Business Administration. The student will perform duties and services as assigned by the work supervisor and internship coordinator. Reports and assignments are required to be completed by the students. General tasks include PC maintenance, software/hardware installation and upgrades, Web Page creation/maintenance, and Database creation and maintenance. CIS majors will be awarded 3 semester credit hours for successful completion of the internship. A grade of "C" or better is required. **(A student cannot receive credit for both BUSA 4229 and CISM 4900).**
Prerequisite: CISM 1130 or CSCI 1130 and 2.75 Cum and 3.0 GPA in major; and permission of instructor
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Economics

- ECON 2105** **Principles of Macro-Economics** **3 Credits**
 An introduction to concepts that enable students to understand and analyze economics aggregates and evaluate economic policies. For non-business majors, this course is now an option in **AREA E** (*recommended option for those seeking the business minor*).
Prerequisite: MATH 1111 or equivalent
- ECON 2106** **Principles of Micro-Economics** **3 Credits**
 An introduction to concepts that enable students to understand and analyze the structure and performance of the market economy.
Prerequisite: MATH 1111 or equivalent
- ECON 3145** **Global Business Issues** **3 Credits**
 A survey of environmental factors, such as culture, economics, law, and politics, affecting international business decision-making. The impact of the globalization of markets and competition as well as the increasing role of multinational corporations is emphasized.
Prerequisites: ECON 2105 and ECON 2106

Finance

- FINC 3155** **Business Finance** **3 Credits**
 Financial management of non-financial corporations and the role of interest rates and capital markets in the economy. Topics will include the structure and analysis of financial statements, time value of money calculations (using financial calculators), stock and bond valuation, financial forecasting, valuation of income-producing physical assets, determination of the cost of capital, the profitability of proposed investments in fixed assets, risk-return tradeoffs that must be considered in using financial leverage, and methods used in obtaining funds from the various capital markets. This course is taught mainly through lectures and class discussions of textual materials and problems. *Prerequisites: ECON 2105, ECON 2106, ACCT 2101, ACCT 2102 and BUSA 2182*
- FINC 3156** **Intermediate Corporate Management I** **3 Credits**
 The study of asset pricing, capital budgeting, capital management, growth through mergers, and leasing. Emphasis is on the development of problem-solving capabilities. *Prerequisite: FINC 3155*
- FINC 3157** **Investments** **3 Credits**
 Framework of financial markets, valuation of the firm, security analysis, investment equity versus debt, efficiency of market evaluation, diversification efforts, investment goals, and portfolio selection. *Prerequisite: FINC 3155*
- FINC 3158** **Risk Management** **3 Credits**
 The objective of this course is to introduce the student to risk management. The student will gain an understanding of the tools and methods available to identify, measure, and manage financial risk. *Prerequisite: FINC 3155*
- FINC 3159** **Principles of Real Estate** **3 Credits**
 This course will provide an introduction to the basic principles of real estate. Topics covered include, but are not limited to, concepts of ownership, forms of real estate ownership, advantages and disadvantages of real estate financing, fair housing and ethical practices, and the federal and state laws governing the ownership and its transfer. *Prerequisites: FINC 3155*
- FINC 3160** **International Finance** **3 Credits**
 International Finance is a study of the major markets of international finance with focus on corporate financial planning and decision making in a multinational environment. Topics covered include measurement and management of exchange rate risk, financing international trade, short- and long-term asset and liability management, direct foreign investment, cost of capital, capital structure, and country risk analysis. *Prerequisite: FINC 3155*
- FINC 4155** **Intermediate Corporate Management II** **3 Credits**
 Application of financial management tools, examination and interpretation of financial statements and integration of financial policy and structure on overall management of the enterprise. *Prerequisite: FINC 3156*

- FINC 4156** **Capital Markets and Institutions** **3 Credits**
 Course coverage includes an analysis of financial markets & institutions; regulation, money market operation, global impact of central banking principles and monetary policy, and determinates of interest rates with financial asset pricing. *Prerequisite: FINC 3155*
- FINC 4158** **Futures and Options Markets** **3 Credits**
 The objective of this course is to introduce the student to futures and options markets. The student will gain an understanding and an appreciation of how firms use these derivatives to manage their risk exposure. *Prerequisite: FINC 3157*
- FINC 4159** **Financial Statement Analysis** **3 Credits**
 This course is designed to prepare students to interpret and analyze financial statements effectively. This course explores in greater depth financial reporting topics introduced in the core course in financial accounting and also examines additional topics not covered in that course. The viewpoint is that of the user of financial statements. This course is designed primarily for students who expect to be intensive users of financial statements as part of their professional responsibilities. *Prerequisite: FINC 4155*
- Management**
- MGNT 3165** **Management of Organizations** **3 Credits**
 The study of fundamental management principles and their applications in managing organizations. Topics will include planning, organizing, leading, and controlling, as well as management ethics and basic financial management techniques.
Prerequisite: "42 hours rule" for business majors: (See Academic Regulation #1 above) junior standing (60 semester hours) for others
- MGNT 3185** **Operations Management (formerly QUAN 3185)** **3 Credits**
 This course focuses on the issues and techniques relevant to the management of the operations function within an organization, emphasizing its strategic significance. Operations Management is an introductory level course designed to expose students to the dynamic forces, which are responsible for shaping the business environment. The subject matter represents a blend of concepts from industrial engineering, cost accounting, general management, quantitative methods, and statistics. Students will learn about operations activities such as forecasting, scheduling, product and design service, capacity planning and project management to name a few. As with many core courses in business, the foundation of this course relies on teaching students sound decision-making principles. The basic quantitative techniques presented are essential to developing and nurturing students' decision-making skills.
Prerequisites: BUSA 2182 and MGNT 3165
- MGNT 3190** **Supply Chain Management** **3 Credits**
 This course introduces students to key concepts in supply chain management and develops and understanding of the strategic importance of strategic sourcing in improving a firm's competitive position. Challenges in managing the relationships among businesses involved in the process of buying and selling products and services are explored.
Prerequisite: MGNT 3185
- MGNT 3196** **Small Business Management & Ownership** **3 Credits**
 Management of newly created or newly acquired small businesses. Beginning with traits commonly found in successful entrepreneurs, students cover the various topics necessary to develop and run a profitable business. The topics include business entity forms, marketing for small/fledgling businesses, advertising, elements of business plan, risk management, and staffing decisions.
Prerequisite: MGNT 3165
- MGNT 3300** **Organizational Behavior & Theory** **3 Credits**
 This course is designed to provide the management major with in-depth knowledge of the key issues in organizational behavior and theory facing managers today. Topics include organizational behavior of individuals and groups, and modern organizational design concepts. Experiential learning tools and videos will be utilized as well as the traditional methods of teaching via lecture and case analysis.
Prerequisite: MGNT 3165
- MGNT 4165** **Human Resource Management** **3 Credits**
 A course focusing on the principles, practices, and scientific techniques and methods involved in the development and operation of an effective personnel and industrial relations program. The topics covered include the methods and procedures used by business management in recruiting, selecting, and maintaining an efficient work force.
Prerequisite: MGNT 3165

- MGNT 4166** **Labor-Management Relations** **3 Credits**
The development of organized labor, the theory and practice of collective bargaining, and the legal and economic aspects of employer-employee relations.
Prerequisite: MGNT 3165
- MGNT 4168** **International Business Management** **3 Credits**
A course divided into three major parts. Part one covers the various dimensions of the international business field, including brief coverage of the major theories of international trade and investment. Part two deals with the environment in which international business operates, the financial variables, including balance of payment, exchange rates, and capital markets, along with the cultural, legal, political, and economic institutions with which international business firms may come in contact. Part three concentrates on the operation aspects of international business; the firm-specific variables including marketing, finance, management, accounting; and attempts to integrate the environmental with the firm-specific variables into a meaningful, conceptual framework.
Prerequisite: MGNT 3165
- MGNT 4169** **Quality Management** **3 Credits**
An introduction to the topic of quality in the management of modern organizations. Approaches of the major contributors such as Deming, Juran, and others are examined. This course provides business students with a set of skills for achieving and maintaining quality and process or service control. The course emphasizes the strategic importance of quality, statistical process control methods, problem-solving tools, and the management of quality.
Prerequisite: MGNT 3165
- MGNT 4200** **Management of Diversity (formerly MGNT 3500)** **3 Credits**
This course is designed to introduce the student to the complexities of managing workforce diversity. Topics include resistance to diversity, discrimination and fairness, diversity and organizational effectiveness, cultural diversity and multiculturalism, diversity in decision-making teams, and diversity training.
Prerequisite: MGNT 4165
- MGNT 4800** **Contemporary Topics in Management** **3 Credits**
An elective for management majors, this course will address management topics of special interest. The topics may include, but are not limited to, crisis management, organizational communications and data management, compensation management, business ethics, organizational change, leadership, managing non-profits, management of risk, or case studies in management.
Prerequisite: MGNT 3300
- Marketing**
- MKTG 3175** **Principles of Marketing** **3 Credits**
A comprehensive overview of the marketing process for goods, services and ideas. The course is taught from a marketing management and decision-making perspective. Topics such as the organization's environment, marketing research, and buyer behavior are discussed as the context in which marketing plans and strategy are formulated. In addition, the marketing decision elements, product, distribution, promotion, and price are examined. Finally, topics such as international marketing, service marketing, and nonprofit marketing are explored. *Prerequisite: ECON 2106*
- MKTG 3176** **Professional Selling** **3 Credits**
Course designed to introduce the basic principles and techniques of professional selling. Students build strategies for effective selling and practice approaches to presenting products, handling objections, and closing sales. The economic and psychological motives of the buyer are examined in both industrial and consumer goods and services markets. Some special topics such as telemarketing and sales technologies are also introduced.
Prerequisite: MKTG 3175
- MKTG 3177** **Retail Management** **3 Credits**
A course that deals with broad aspects of contemporary retailing. It covers the principles of retail store management, including strategic planning, location decisions, merchandise planning, budgeting decisions, inventory, pricing, advertising, and selling strategies. Legal and ethical constraints are also examined.
Prerequisites: ACCT 2102 and MKTG 3175
- MKTG 3178** **Buyer Behavior** **3 Credits**
An examination of the basic concepts and research results from marketing and the social sciences with the goal of enabling marketers to better understand customers and meet their needs. The decision process of buyers, factors affecting purchasing decisions, and customer

satisfaction are major conceptual areas of the course. Implications for marketing strategies (e.g., market segmentation and product design and promotion) are discussed.

Prerequisite: MKTG 3175

MKTG 3179 **E-Marketing** **3 Credits**

This course focuses on the role of marketing in electronic commerce. The technologies of electronic commerce, web-based marketing strategies, and the use of the Internet to improve management and marketing operations are discussed.

Prerequisites: MKTG 3175 and CISM 2130

MKTG 4116 **Marketing Research** **3 Credits**

A course that examines the scientific method as applied to marketing research problems. The use of primary and secondary information for management decision-making is examined. Survey design, questionnaire construction, sampling processes, and data analysis are studied in depth. The course requires the extensive use of the computer for word processing and statistical analysis (SPSS & LISREL).

Prerequisites: BUSA 2182 and MKTG 3175

MKTG 4175 **Advertising & Promotion** **3 Credits**

A course that examines advertising as a business and as a multidisciplinary subject that draws from both the arts and sciences. The first half of the course takes an analytical perspective, focusing on the history of advertising, as well as the social, legal, ethical, and economic issues. The second half of the course assumes a managerial perspective as students learn about the advertising process and create an advertising campaign.

Prerequisite: MKTG 3175

MKTG 4176 **Contemporary Topics in Marketing** **3 Credits**

An elective for marketing majors. The course contains a variety of topics that are offered annually on a rotating basis. These topics may include, but are not limited to, buyer behavior, database marketing, channels of distribution, transportation and logistics, or case studies in marketing.

Prerequisite: MKTG 3175

MKTG 4179 **International Marketing & Export Management** **3 Credits**

A course that focuses on the marketing mix issues that are faced by large and small multinational organizations. Marketing decisions related to product line, branding, communications, distribution, and pricing are addressed.

Prerequisites: MGNT 3165 and MKTG 3175

MKTG 4185 **Strategic Marketing** **3 Credits**

This course is designed as the capstone course in the marketing curriculum. Students will integrate materials learned in previous marketing course and apply marketing principles to solve actual business problems. The emphasis will be on planning, operation, and control of marketing activities. Case studies and stimulation games where students market one or more products are used to present “real life” situations. The emphasis will be on the analysis of marketing information and on the skills involved when making marketing decisions. Students will be required to prepare a marketing plan for a local business or nonprofit organization.

Prerequisites: MKTG 3175 and nine (9) hours of additional marketing courses

College of Liberal Arts and Social Sciences

Freshman Year Experience

- CLAS 1103** **Freshman Year Experience** **2 Credits**
 This course is designed to assist students in the academic and social transitions associated with college life. The development of specific success skills such as financial literacy, time management, note-taking and study strategies, critical thinking, effective communication, and career and academic guidance activities will be included in this class.
- COMM 1000** **Mass Communications Colloquium** **2 Credits**
 This course is for entering freshmen. The one hour a week course will provide the students with similar content to the course in Freshman Experience. The course will also provide the faculty in the mass communications department opportunities to engage majors at an earlier time in their matriculation and provide guidance to freshman majors on curriculum and concentration areas.

Africana Studies

- AFRS 1501** **Survey of the African American Experience** **2 Credits**
 A survey and understanding of the cultural, economic, political, psychological and social development of African Americans and an analysis of their contemporary status.
- AFRS 2000** **Introduction to Africana Studies** **3 Credits**
 This course is a broad based survey course designed to give the student and understanding of the general history of the development of the discipline and to define its scope. The conceptual parameters of study will be established and distinguished from other fields of academic inquiry.
- AFRS 3000** **Africana Political Ideology & Philosophy** **3 Credits**
 This course is designed to study the relevant ideas that have served as the intellectual and philosophical foundations of mass movements throughout Africa and the diaspora. Classical Pan Africanism, Negritude, the ideology of selected Black Millenarian Movements, Black Nationalism, Black Cultural Nationalism, Ujamaa Socialism, Kawaida Nationalism, Black Marxism, and contemporary Pan African and Afrocentric thought will be considered.
- AFRS 3102** **The African & African American Family** **3 Credits**
 This is an upper division course, which focuses upon the unique development of the African and African-American family within the traditional and modern context both within continental Africa and the Americas. Relevant topics concerning the African American family will be studied. Particular attention will be given to the survival role the family has served for African peoples.
Prerequisite: AFRS 2000
- AFRS 3111** **The Africana Woman** **3 Credits**
 This course specifically addresses the role of African women in the development of modern and post modern society in Africa and the diaspora. The unique continuing contribution of Africana women in the ongoing transformation of social relations is the central theme and topical focus of this course. The course will exam the various political tendencies within the African women's movement. It will also explore the underlying social causes of male chauvinism, gender violence, and gender role transformation within the context of race and class oppression.
Prerequisites: AFRS 2000 or AFRS 1501
- AFRS/POLS 3141** **African Government & Politics** **3 Credits**
 An introductory survey of political patterns, political processes, and political ideologies in Africa; an examination of the legacy of colonialism and the processes of modernization, and development: problems of political instability.
- AFRS 3211** **Religion & African Thought Systems** **3 Credits**
 An extensive examination of the various cosmologies, basic ethical systems, and spirituality of selected traditional African societies and the extent of their impact and influence on the development of the African American religious tradition.
- AFRS 3212** **African-American Oral Literature** **3 Credits**
 Studies African-American folklore, preaching and speaking, and the lyrics of spirituals, blues, and rap in relation to African roots, historical conditions, and literary practice.
Prerequisite: ENGL 1102

- AFRS 3213** **African Literature (Also ENGL 3213)** **3 Credits**
 An introduction to the “orature” and literatures (Anglophone and, in translation, vernacular, francophone, Swahili, and Arabic) of sub-Saharan Africa. Includes such writers as Achebe, Soyinka, Armab, Okri, Ngugi, Senghor, Beti, Oyono, Fagunwa, and Salih.
Prerequisite: ENGL 1102
- AFRS 3216** **African-American Poetry (Also ENGL 3216)** **3 Credits**
 A survey of African-American poetry from the nineteenth century through the Harlem Renaissance to contemporary poetry, examining its relationships to the oral tradition and to literary, social, and political influences. Includes such writers as Claude McKay, Langston Hughes, Gwendolyn Brooks, Nikki Giovanni, Sonia Sanchez, and Rita Dove.
Prerequisite: ENGL 1102
- AFRS 3218** **African-Caribbean Literature (Also ENGL 3218)** **3 Credits**
 An introduction to the literature of the Caribbean produced by writers of African descent. Includes such writers as Walcott, Braithwaite, Lamming, Marshall, Kincaid, Césaire, and Guillen.
- AFRS 3501** **Survey of African Cultures & Societies** **3 Credits**
 A survey of the cultural patterns and institutions foundations and structure of selected African societies that presents and examines both traditional and contemporary aspects of the African culture as well as examining the impact of culture on the various areas of societal, institutional, and national development will be discussed as well.
- AFRS 4211** **African American Drama (Also ENGL 4211)** **3 Credits**
 A study of the development of African American theater from minstrels to modern theater workshops and the plays of such writers as Langston Hughes, Lorraine Hansberry, Amira Baraka, Ntozake Shange, and August Wilson.
- AFRS 4217** **African American Fiction (Also ENGL 4217)** **3 Credits**
 A critical survey focusing on leading themes and techniques in the short stories and novels of such authors as Charles Chestnut, Zora Neale Hurston, Richard Wright, Ralph Ellison, James Baldwin, Toni Morrison, Ishmeal Reed, Alice Walker and Gloria Naylor.
- AFRS 4218** **African-American Nonfiction (Also ENGL 4218)** **3 credits**
 A survey of African-American nonfiction from the early slave narratives to the present, including W.E.B. DuBois, Alex Haley, Alice Walker, and others.
Prerequisite: ENGL 1102
- AFRS 4501** **African Americans, Africa, & Pan-Africanism** **3 Credits**
 An interdisciplinary examination of the concept of Pan Africanism as a realistic, authentic, effective and multidimensional mechanism by which people of African descent in the United States have related historically and culturally to the African dimension of their identity. The course employs methods germane to the disciplines of History, Sociology, Political Science and Anthropology.
Prerequisite: AFRS 1501
- AFRS 4601** **Senior Seminar** **3 Credits**
 A comprehensive review and analysis of topics and issues, theories, and interpretations, and research in African and African-American Studies.
Prerequisite: Permission of the instructor

Anthropology

- ANTH 1101** **Introduction to Anthropology** **3 Credits**
 An introduction to the study of primitive and traditional societies with focus on cross-cultural comparisons of pre-literate and modern social institutions.

Art

- ARTS 1101** **Introduction to Art** **3 Credits**
 An exploration of the basic elements and principles of two- and three-dimensional art. A look at how artists apply the elements, principles, materials, and techniques to create their own style. The works of contemporary African-American artists are highlighted.

ARTS 3201	Drawing I	3 Credits
Basic drawing materials and techniques. Elements and principles of art are studied through still life and nature subject matter. Introduction to computer drawing is optional.		
ARTS 3211	Drawing II	3 Credits
An introduction to the study of landscape and the human figure. Elements and principles of design will be reviewed. The course explores various materials and techniques. Basic introduction to computer drawing is optional.		
ARTS 3301	Printmaking I	3 Credits
An exploration of line, texture, pattern, and shape combined with the basic techniques of relief printmaking in the production of woodcuts and linoleum cuts.		
ARTS 3311	Printmaking II	3 Credits
Basic elements of design, composition, and drawing applied to the techniques of relief printmaking in the production of woodcuts and linoleum cuts.		
ARTS 3401	Basic Design I	3 Credits
Basic elements, principles, materials, and techniques of two-dimensional visual art. Students are expected to research and write.		
ARTS 3411	Basic Design II	3 Credits
Basic elements, principles, materials, and techniques of three-dimensional visual art. Students are expected to research and write.		
ARTS 3501	Crafts I	3 Credits
Experiences in significant craft materials: wood, fabrics, fibers, and metals. Students learn elementary loom weaving techniques, fabric printing and painting, jewelry and metal work, macramé, and techniques of wood crafts.		
ARTS 3502	Crafts II	3 Credits
Continuation of Crafts I with an emphasis on jewelry and metal work.		
ARTS 3601	African-American Art History	3 Credits
Study of African-American Art of the eighteenth, nineteenth, and twentieth century.		
ARTS 4101	Illustration I	3 Credits
Exploration of illustration as a means of communicating ideas in nonverbal/pictorial ways. A variety of drawing styles, techniques, and materials will be explored in creation of drawings and illustrations for this class.		
ARTS 4111	Illustration II	3 Credits
Exploration of basic design, composition, style, and techniques and the development of problem solving skills in the creation of finished illustrations. A variety of drawing styles, techniques, and materials will be explored.		
ARTS 4301	Painting I	3 Credits
Painting media and techniques of oil, acrylic, or watercolor.		
ARTS 4311	African American Genre Painting	3 Credits
Continuation of Painting I. Emphasis on advanced techniques and easel and mural designs.		
ARTS 4601	Western Art History	3 Credits
Chronological review of art of the ancient world in prehistoric times to the study of the visual arts during the twentieth century. Field visits to city, county and state museums and galleries.		
ARTS 4701	Ceramics	3 Credits
Study of ceramics materials and processes such as modeling, hand building, and basic wheel techniques. Emphasis on designing, constructing, glazing, and firing earthenware and stoneware clays.		

ARTS 4711**Sculpture****3 Credits**

Study of three-dimensional forms and the limitations of sculptural media. Experiences include work in clay, wood, stone, metal, and plastic.

ARTS 4811**Weaving****3 Credits**

Techniques of weaving on four harness table of floor looms. Recent trends and developments are studied for creative drafting and pattern weaving. The course also covers concepts of design, color, and texture as used in textile construct.

Behavior Analysis**BEHV 1101****Introduction to Behavior Analysis: Professions****3 Credits**

This course provides an overview of careers in Behavior Analysis and psychology. The content includes ethical considerations for those conducting research or in applied practice. Additionally, content covers system support available for those practicing in the field, such as competency-based training, performance monitoring, and procedural integrity.

BEHV 2101**History of Behavior Analysis****3 Credits**

This course is a study of the work of those psychologists who have made the most significant contributions to the development of behavior analysis with emphasis on the various systems of psychology, research and experimentation.

BEHV 2103**Behavior Statistics****3 Credits**

A practical focus on the context of statistics in behavioral research, with an emphasis on looking at data before jumping into a test. This course provides students with an understanding of the logic behind the statistics: why and how certain statistical methods are used rather than just doing techniques by rote. Students move beyond number crunching to discover the meaning of statistical results and how they relate to the research questions being asked. Students will engage with real data and research studies as a base and move through analyses of data.

BEHV 3000**Basic Concepts in Behavior Analysis****3 Credits**

This course is designed to provide the basic characteristics, concepts, and principles of Behavior Analysis. This course will offer explanation of operant contingencies and include reinforcement, punishment, antecedent control, and behavior consequences. The course includes initial exposure to measurement of behavior and display and interpretation of behavior data. Also included are the seminal works of the founders of Behavior Analysis.

Prerequisites: BEHV 1101, PSYC 1101

BEHV 3101**Descriptive Analysis****3 Credits**

An examination of the processes of gathering, reporting, interpreting and making use of research data from non-experimental studies, ethnography study, phenomenological studies and field studies, etc., as well as the process of checking the trustworthiness of data by triangulation. The emphasis in the course is on non experimental qualitative methods appropriate to Behavior Analysis and psychology.

BEHV 3102**Experimental Analysis****3 Credits**

The course is designed to provide the student with insight into the ways that psychologists go about answering questions about behavior and skills in conducting scientific research. The course will provide opportunities for hands-on experience related directly to the theories and ideas of psychologists explored theoretically in General Psychology and the History of Psychology. Special emphasis is placed on direct student oriented experience with the research methodologies and statistical applications used to support or refute the findings of researchers.

BEHV 3103**Measurement in Behavior Analysis****3 Credits**

This course provides techniques for measurement of behavior, displaying and interpreting behavioral data, and experimental evaluation of interventions. Specifically the course includes selecting and defining target behaviors, examination of single-subject experimental designs, and planning and evaluating behavior analysis research. Also included are reviews of recent literature to support course content.

Prerequisite: BEHV 3000

BEHV 3104**Behavior Change in Behavior Analysis****3 Credits**

This course is designed to teach the methods for behavioral assessment, selecting intervention outcomes, and behavior change procedures. Specifically, course content includes functional analyses, environmental factors in interventions, and behavior change techniques such as the Premack principle, differential reinforcement, schedules of reinforcement, and shaping. Also included are reviews of recent literature to support course content. *Prerequisite: BEHV 3103*

BEHV 3105 **Learning and Motivation** **3 Credits**
The primary focus of the course is on basic processes in learning and motivation. Emphases will be on theoretical and experimental analyses of behavior, the practical applications of the theoretical perspectives, and behavioral psychology.
Prerequisites: PSYC 1101, BEHV 1101, and BEHV 3000

BEHV 3106 **Neuroscience** **3 Credits**
This course will treat the mind as a) a function of the nervous system and b) a product of evolution. The first half of the course will introduce the basics of neuroscience. The second half of the course will examine the neural basis and evolutionary background of cognition, learning, and memory. Lastly, we will discuss the biological basis of society and language.

BEHV 3112 **Experimental Analysis** **3 Credits**
The course provides insight into the methodologies used to understand and change behavior by Behavior Analysts and psychologists. In this course the student has hands-on experience in direct observation, measurement, operational definitions of behaviors with provision of ethical considerations. Special emphasis will be placed on direct student-oriented experience with the research methodologies and statistical applications used to support or refute the initial hypothesis of the study.
Prerequisites: BHEV 2103, BEHV 3000, BEHV 3103

BEHV 3117 **Counseling & Behavior Change** **3 Credits**
This course is designed as a survey of contemporary theories and techniques of counseling.

BEHV 3118 **Counseling & Minority Behavior** **3 Credits**
The course is designed to identify and explore issues, strategies and successes with minority clientele. Special emphasis will be placed on behavior change strategies and techniques for working with dysfunctional patterns moving toward effective change in the work, family and community settings.

BEHV 4000 **Selected Topics in Behavior Analysis** **3 Credits**
An in depth study of current topics, which are selected, developed and taught by a member of the faculty.

BEHV 4111 **Health Behavior** **3 Credits**
This course involves an examination of theories, issues and research findings regarding health psychology, the healthy personality and healthy mental functioning.

BEHV 4112/ AFRS 4311 **Behavior of the African American** **3 Credits**
An overview of contemporary topics in the area of Black Psychology, including the emergence of contemporary Black psychology, the Black family, self concept and motivation, theoretical background and others.
Prerequisite: PSYC 1101 or consent of the instructor

BEHV 4212 **Internship** **3 Credits**
An individual designed project involving off-campus study, research, and where applicable, work in a public or private agency; supervised by the sponsoring agency and faculty advisor.

BEHV 4213 **Research Seminar** **4 Credits**
The study and application of qualitative and quantitative research methods used in the social sciences for measurement, analysis and inferences of data. Emphasis on computer applications for analysis of and presentation of research data. Students will have opportunities to conduct action-oriented research projects and to prepare written reports in appropriate formats.

Criminal Justice

CRJU 1101 **Introduction to Criminal Justice** **3 Credits**
A study of the history, theory, and structure of the criminal justice system; introduction to substantive and procedural criminal law, police, courts, corrections, and juvenile justice.

CRJU 2102	Police & Society	3 Credits
A study of the role of the police in American society and an overview of police organization and administration.		
CRJU 3121	American Corrections: Practice & Policy	3 Credits
A study of the historical and philosophical development of the correctional system; the organization and functions of correctional agencies; and the role and responsibilities of personnel in the correctional setting.		
CRJU 3301	Constitutional Law in the Criminal Process	3 Credits
A case study approach to theoretical and applied knowledge of constitutional issues affecting the criminal justice system.		
CRJU 3311	American Court Systems	3 Credits
An examination of the history, philosophy, and basic concepts of the legal system: the organization and jurisdiction of federal, state, and local courts: and the legal process from inception to appeal. <i>Prerequisite: CRJU 1101</i>		
CRJU 3321	Race, Gender, Class & Crime	3 Credits
A comprehensive study of the role of crime in the lives of various minorities within American society. <i>Prerequisite: CRJU 1101</i>		
CRJU 3361	Human Behavior	3 Credits
The study of the origins of human and deviant behavior from a multidisciplinary approach (biological, psychological, sociological, criminological); addresses major theories and research including case studies illustrative of deviant behavior such as drug abuse, suicide, mental illness, and sexual deviance.		
CRJU 3432	Community Policing	3 Credits
Community policing philosophy, applications and issues and contemporary research of policing methods.		
CRJU 3521	Drugs, Alcohol, & Crime	3 Credits
History of pharmacology, health consequences, and crime-related aspects of mind-affecting drugs. Emphasis on effects on criminal behavior, the legal response to the problem and on treatment and prevention of abuse.		
CRJU 3610	Theories of Criminal Behavior	3 Credits
Provides a basic understanding of the complex factors related to crime, with concentration on principal theoretical approaches to the explanation of crime.		
CRJU 3901	Internship	6 Credits
Participation on staff of a criminal justice agency under co-supervision of faculty and agency personnel. This course requires field experience, periodic conferences and seminars, and compositions and readings designed to combine theory and professional practice. A forty-hour week, full-time internship is required.		
CRJU 4111	Criminology	3 Credits
A study of criminal behavior and its impact on society, overview of major theories and crime causation and empirical findings about numbers of crimes and the characteristics of offenders and victims. <i>Prerequisite: CRJU 1101</i>		
CRJU 4301	Jurisprudence of Criminal Law	3 Credits
An examination of the nature and scope of criminal law; the classification and analysis of crimes and the examination of specific offenses, justifications, excuses, and other defenses. <i>Prerequisite: CRJU 1101</i>		
CRJU 4311	Juvenile Justice	3 Credits
A study of children in the legal system, including issues and problems concerned with the social control and protection of young persons; the role and responsibilities of the juvenile court, law enforcement, and corrections. <i>Prerequisite: CRJU 1101</i>		

- CRJU 4331** **Comparative Criminal Justice Systems** **3 Credits**
An analysis of the design, operation, and legal basis for systems of justice in other countries, governmental, political, demographic, and economic factors in past and current trends in the adjudication of offenders; cross-cultural analysis of causes of crime and systems of justice.
Prerequisite: CRJU 1101
- CRJU 4411** **Criminal Investigations** **3 Credits**
An explanation of the history, theories, and procedures for investigating crimes.
Prerequisite: CRJU 1101
- CRJU 4420** **Crime Analysis** **3 Credits**
Examination of various approaches to crime analysis and its effect on planning for criminal justice and related programs.
Prerequisite: CRJU 1101
- CRJU 4501** **Violence, Crime & Justice** **3 Credits**
An examination of violence, criminal responses to violence, and the role of non-criminal justice agencies in the area of violence prevention; a review of theories, statistical data, and case studies from other disciplines, such as: law, psychology, sociology, history, and, of course, criminology and criminal justice.
Prerequisite: CRJU 1101
- CRJU 4521** **Criminal Justice Management** **3 Credits**
A focus on issues in the organization and management of criminal justice agencies, including police departments, prosecutors' offices, courts, jails, prisons, and community corrections.
Prerequisites: CRJU 1101 or CRJU 2102
- CRJU 4901** **Senior Seminar** **3 Credits**
Selected topics of current interest. Critical analysis of current research literature and development of action projects by seminar members.
Prerequisite: Permission of the instructor
- Dance**
- DNCE 2501** **Modern Dance Technique & Performance** **3 Credits**
This course is designed to teach students with basic to advanced skills techniques of modern dance that lead to performances. This course introduces students with beginner level to advance levels elements of dance that are necessary in order to improve their dance skills. This will then lead to dance performance. The student will be evaluated through class participation, written work, and demonstration of dance skills taught in class. This evaluation is based solely on the student's ability and not on the ability of others in the class, but the studio performance will be based on how well the class organizes a dance recital as well as individual choreography. By learning more about the art of dance, it is the hope of the instructor upon exiting this class, that each student will develop a better appreciation for this art form. It is helpful if students who take this class already have some dance training.
- DNCE 3501** **Appreciation & History of Dance** **3 Credits**
This course surveys dance cultures in America and the relationship of dance to the identity and expression of different groups in the United States. Jazz, modern, ballet, and multi-cultural dance forms will be the focus of the class. The course includes guest lectures, film, videos, performing artists, reading, discussions, research papers and attending a dance performance.
- DNCE 3503** **African-Caribbean Dance** **3 Credits**
Beginning with Dunham Techniques, the course introduces the rich dance cultures of the Caribbean. Students will learn the different dances of Haiti, Cuba, Jamaica, and Trinidad as they relate to their function in secular and religious culture. Students will also study the Dunham Dance Techniques as codified by distinguished dancer Katherine Dunham.
Prerequisites: ARTS 1501, 1511

DNCE 4201	Theatre Dance	3 Credits
The course is designed to expose the student to the dynamic styles used when dancing in and choreographing for theatrical presentations. This course will involve learning theatre dance styles, but also acting, costuming, and singing. The student will be required to participate in the theatre department musical production in the spring semester.		
<i>Prerequisites: DNCE 2501 and THEA 3101</i>		
DNCE 4501	Dance Theory	3 Credits
This course is an exploration of contemporary theories of movement as they relate to dance and how those theories shaped that development of different dance technique. The course also looks at the impact ballet had on dance and the development of different dance forms that were derived from ballet. Students study the theory behind Horton Technique, Graham Technique, Dunham Technique, as well as other techniques. This class will consist mainly of lecture, with some laboratory.		
<i>Prerequisites: DNCE 2501 and DNCE 3501</i>		
DNCE 4504	Interpretive Dance & Performance	3 Credits
This class is designed for the advanced, skilled performer. Students will learn the basic principles of choreography, and the theory and practice of interpretive dance.		
<i>Prerequisite: DNCE 2501</i>		
English		
ENGL 1101	English Composition I	3 Credits
A course designed to develop college-level reading and writing skills. Focuses on vocabulary, analysis of readings, grammar, mechanics, and the steps of the writing process. Introduces documented research and various patterns of organization and development. Minimum passing grade is "C."		
<i>Prerequisites: Regular admission or exit from ENGL 0099 or ENG 098 and READ 0099 or RDG 098</i>		
ENGL 1102	English Composition II	3 Credits
A course designed to further develop college-level reading and writing skills. Includes analysis of literary texts and specialized application of the research and writing skills learned in ENGL 1101. Minimum passing grade is "C."		
<i>Prerequisite: ENGL 1101</i>		
ENGL 2104	Advanced Composition	3 Credits
Extensive practice in composition forms and stylistic techniques. This course requires peer and self evaluation and frequent conferences with the instructor to guide extensive revision of compositions. Students develop a final portfolio illustrating their expertise in writing.		
<i>Prerequisite: ENGL 1102</i>		
ENGL 2105	Introduction to Literary Criticism	3 Credits
An introduction to theories and techniques of literary analysis, with practice in reading literary and critical texts, in writing critical essays, and in doing literary research. Includes a survey of critical approaches to literature.		
<i>Prerequisite: ENGL 1102</i>		
ENGL 2110	World Literature I	3 Credits
Survey of important works of world literature from ancient times through the mid-seventeenth century. The emphasis will be on examining works for their value both as artistic achievements and as cultural artifacts.		
<i>Prerequisite: ENGL 1102</i>		
ENGL 2121	British Literature I	3 Credits
A survey of important works of British literature from the Old English period through the eighteenth century.		
<i>Prerequisite: ENGL 1102</i>		
ENGL 2122	British Literature II	3 Credits
A survey of important works of British Literature from the Romantic period to the present.		
<i>Prerequisite: ENGL 1102</i>		
ENGL 2131	American Literature I	3 Credits
A study of the main currents of literary thought and expression in America from the colonial period to 1865.		
<i>Prerequisite: ENGL 1102</i>		

- ENGL 2132** **American Literature II** **3 Credits**
A study of the main currents of literary thought and expression in America from 1865 to the present.
Prerequisite: ENGL 1102
- ENGL 2521** **Introduction to Film Appreciation** **3 Credits**
Introduction to reading and interpreting the language of film through an understanding of filmmaking techniques, cinematic conventions and active viewing practices. The influence of key genres, movements, and figures, both American and international, will also be discussed.
- ENGL 3012** **Renaissance British Literature** **3 Credits**
Literature primarily of the Elizabethan and Jacobean eras, with emphasis on the transition from medieval to modern ideas, the rise and flowering of English drama, and the emergence of contrasting prose styles and schools of poetry. Includes such writers as Marlowe, Spenser, Shakespeare, Jonson, Donne, Bacon, and Milton.
Prerequisite: ENGL 2121 or ENG 210 or consent of the instructor
- ENGL 3014** **Romantic British Literature** **3 Credits**
The genesis of Romantic theory and the beginning of the Romantic revolt in English; significant literary aspects of the movement as shown in the works of Wordsworth, Coleridge, Byron, Shelley, and Keats; in the prose writing of Hazlitt, DeQuincey, Hunt, Lamb, and Scott.
Prerequisite: ENGL 2122 or consent of the instructor
- ENGL 3015** **Victorian British Literature** **3 Credits**
Literature during the reign of Queen Victoria, showing the merging of the Romantic tradition into the era of modern doubt. Includes such writers as Carlyle, Tennyson, the Brownings, Arnold, Ruskin, Meredith, the Rossetts, Swinburne, Pater, Hopkins, and Wilde.
Prerequisite: ENGL 2122 or consent of the instructor
- ENGL 3016** **Modern British Literature** **3 Credits**
Literature from the Edwardian period through the two world wars and decolonization to the present. Includes such writers as Hardy, Shaw, Conrad, Yeats, Joyce, Woolf, Lawrence, Eliot, Graves, Auden, Thomas, Beckett, Osborne, Pinter, and Stoppard.
Prerequisite: ENGL 2122 or consent of the instructor
- ENGL 3121** **The Bible as Literature I (Also RPHS 3121)** **3 Credits**
Critical survey of the various forms of literature found in the Old Testament.
Prerequisite: ENGL 1102
- ENGL 3122** **The Bible as Literature II (Also RPHS 3121)** **3 Credits**
Critical survey of the various forms of literature found in the New Testament.
Prerequisite: ENGL 1102
- ENGL 3212** **African-American Oral Literature (Also AFRS 3212)** **3 Credits**
Studies African-American folklore, preaching and speaking, and the lyrics of spirituals, blues, and rap in relation to African roots, historical conditions, and literary practice.
Prerequisite: ENGL 1102
- ENGL 3213** **African Literature (Also AFRS 3213)** **3 Credits**
An introduction to the “orature” and literatures (Anglophone and, in translation, vernacular, francophone, Swahili, and Arabic) of sub-Saharan Africa. Includes such writers as Achebe, Soyinka, Armah, Okri, Ngugi, Senghor, Beti, Oyono, Fagunwa, and Salih.
Prerequisite: ENGL 1102
- ENGL 3216** **African-American Poetry (Also AFRS 3216)** **3 Credits**
A survey of African-American poetry from the nineteenth century through the Harlem Renaissance to contemporary poetry, examining its relationships to the oral tradition and to literary, social, and political influences. Includes such writers as Claude McKay, Langston Hughes, Gwendolyn Brooks, Nikki Giovanni, Sonia Sanchez, and Rita Dove.
Prerequisite: ENGL 1102

- ENGL 3218** **African-Caribbean Literature(Also AFRS 3218)** **3 Credits**
An introduction to the literature of the Caribbean produced by writers of African descent. Includes such writers as Walcott, Braithwaite, Lamming, Marshall, Kincaid, Césaire, and Guillen.
Prerequisite: ENGL 1102
- ENGL 3321** **Introduction to Language Study** **3 Credits**
A general survey of linguistics, with emphasis on sociolinguistics, the historical development of the English language, and the structure of contemporary English.
Prerequisite: ENGL 1102
- ENGL 3416** **Introduction to Creative Nonfiction Writing** **3 Credits**
Guided practice in the writing of various forms of nonfiction (memoir or autobiography, personal essays, travel writing, cultural criticism) that are distinguished by the use of personal perspectives and literary techniques. Students will study and discuss examples by professional writers and other students, submit frequent writing projects, and hold frequent conferences with the instructor.
Prerequisite: ENGL 1102
- ENGL 3417** **Introduction to Poetry Writing** **3 Credits**
An introductory course with an emphasis on the craft of poetry writing. Students will explore and deconstruct a variety of poetic forms and conventions and engage in writing exercises that will help create their own poetry manuscript while building skill as writers. Reading will form the framework for the workshop format in which students will practice the art of constructive criticism and peer critique. To produce poems for workshops, students will write intensely and receive instruction in poetic forms, movements, voice and traditions.
Prerequisite: ENGL 1102
- ENGL 3418** **Introduction to Fiction Writing** **3 Credits**
An introductory course with an emphasis on the craft of fiction writing. Students will examine a variety of fiction texts in order to gain a theoretical understanding of the writing and reading of fiction which will allow them to analyze and critique fiction works. Reading will form the framework for the workshop format in which students will practice the art of constructive criticism and peer critique. To produce stories for workshops, students will write intensely and receive instruction in fiction techniques and literary elements including plot, theme, tone, setting, imagery and description.
Prerequisite: ENGL 1102
- ENGL 3515** **World Drama** **3 Credits**
A survey of important dramatic works from the Americas, Europe, Asia, and Africa.
Prerequisite: ENGL 1102
- ENGL 3800** **Peer Writing Tutor Seminar**
This course is designed to examine the theoretical and practical components of writing center work.
- ENGL 3810** **Peer Writing Tutor Practicum**
This course is designed to allow students who have successfully completed ENGL 3800 further opportunity to apply the theoretical and practical components of writing center work.
- ENGL 3900** **Internship for English Majors** **3 Credits**
This course is designed to give students practical experience working, researching, and/or studying in a public or private agency related to the field of English. Students will be supervised by the sponsoring agency as well as faculty advisor; all parties will work together to designate individual goals and responsibilities for each student. Intern positions may be obtained in any one of a broad range of relevant organizations, including but not limited to various media outlets, publishing and/or editing firms, non-profits, libraries, governmental agencies, educational and educational support facilities, and legal firms. Students must complete at least 100 hours of onsite work as well as additional writing and research assignments.
- ENGL 4011** **Shakespeare** **3 Credits**
Reading and critical discussion of the great tragedies, comedies, and historical plays of Shakespeare with attention to Shakespeare's life and to Elizabethan theater.
Prerequisite: ENGL 2121

- ENGL 4021** **The British Novel** **3 Credits**
An evaluative study of works of great English novelists. Rise and development of the English novel, together with an analytical appraisal of four elements—setting, character, plot and philosophy. Readings and discussion of various types, with emphasis upon the variety of methods by which the novel interprets life.
Prerequisite: ENGL 2122 or consent of the instructor
- ENGL 4112** **History of Literary Criticism** **3 Credits**
A survey of literary criticism from Plato, Aristotle, Longinus, and the Sophists through the modern and early contemporary period (including formalism, ethical criticism, structuralism, and the Black Arts movement). Emphasis on classic texts.
Prerequisites: ENGL 2104 and ENGL 2105
- ENGL 4121** **American Women's Writing** **3 Credits**
A study of writing by American women, from the colonial period to the present, with particular attention to issues of identity and literary authority. The course will consider writers such as Bradstreet, Wheatley, Rowlandson, Fuller, Jacobs, Dickinson, Chopin, Gilman, Wharton, Hurston, Moore, Stein, H.D., Morrison, Walker, and Angelou.
Prerequisites: ENGL 2131 and ENGL 2132 or consent of the instructor
- ENGL 4211** **African-American Drama (Also AFRS 4211)** **3 Credits**
A study of the development of African-American theater from minstrels to modern theater workshops and the plays of such writers as Langston Hughes, Lorraine Hansberry, Amiri Baraka, Ntozake Shange, and August Wilson.
Prerequisite: ENGL 1102
- ENGL 4217** **African-American Fiction (Also AFRS 4217)** **3 Credits**
A critical survey focusing on leading themes and techniques in the short stories and novels of such authors as Charles Chesnutt, Zora Neale Hurston, Richard Wright, Ralph Ellison, James Baldwin, Toni Morrison, Ishmael Reed, Alice Walker, and Gloria Naylor.
Prerequisite: ENGL 1102
- ENGL 4218** **African-American Nonfiction (Also AFRS 4218)** **3 Credits**
A survey of African-American nonfiction from the early slave narratives to the present, including W.E.B. DuBois, Alex Haley, Alice Walker, and others.
Prerequisite: ENGL 1102
- ENGL 4311** **Nineteenth Century American Literature** **3 Credits**
A study of fiction and poetry of the Romantic and Realist periods in the United States.
Prerequisite: ENGL 1102
- ENGL 4321** **American Literary Realism** **3 Credits**
A focus on the Realist and Naturalist movements in the United States, including local color writers. Includes such writers as Twain, Crane, James, Norris, Chesnutt, Chopin, and Dreiser.
Prerequisite: ENGL 1102
- ENGL 4332** **American Short Story** **3 Credit**
A survey of the development of the short story as a literary form from Poe to the present. Includes such writers as Harte, Henry, Anderson, Faulkner, Hemingway, O'Connor, Updike, Carver, and Barthelme.
Prerequisite: ENGL 1102
- ENGL 4335** **American Poetry** **3 Credits**
A study of poetry written in America, with an emphasis on significant themes, techniques, and movements.
Prerequisite: ENGL 1102
- ENGL 4400** **Special Topics in Literature** **3 Credits**
An in-depth exploration of a literary topic. The topic changes each time the course is offered. Examples of topics include The Gullah Culture, Contemporary Multiethnic American Literature, Islamic Literature (in translation), Latin American Fiction (in translation), and Japanese Literature (in translation). Can be repeated for credit with different topics.
Prerequisite: ENGL 1102

- ENGL 4416** **Creative Nonfiction Writing Seminar** **3 Credits**
 This course is designed to continue work in the craft and creation of creative non-fiction writing. In this seminar students will closely examine their writing and that of their peers, as well as a variety of creative and academic creative non-fiction texts in order to further a theoretical understanding of the writing and reading of creative non-fiction. Students will write intensely to produce works for peer critique in a workshop setting.
Prerequisite: ENGL 3416 or permission of the instructor with writing sample
- ENGL 4417** **Poetry Writing Seminar** **3 Credits**
 This course continues work in the craft and creation of poetry writing. In this seminar students will closely examine their writing and that of their peers, as well as a variety of creative and academic poetry texts in order to further a theoretical understanding of the writing and reading of poetry. Students will write intensely to produce works for peer critique in a workshop setting.
Prerequisite: ENGL 3417 or permission of instructor with writing sample
- ENGL 4418** **Fiction Writing Seminar** **3 Credits**
 This course continues work in the craft and creation of fiction writing. In this smaller workshop format, students will closely examine their writing and that of their peers, as well as a variety of fiction texts in order to further a theoretical understanding of the writing and reading of fiction. Students will write intensely to produce works for peer critique in a workshop setting.
Prerequisite: ENGL 3418 or permission of instructor with writing sample
- ENGL 4419** **Advanced Screenwriting Seminar** **3 Credits**
 An advanced course in screenwriting with an intensive emphasis on the craft of screenwriting. Students will explore and deconstruct conventions of American and foreign film and engage in writing exercises that will help create their own script while building their writing skills. Students will acquire detailed instruction in story structure, dialogue, character development and cinematic methods. By the end of the course each student will have produced a complete, polished original screenplay.
Prerequisite: THEA 4105 or permission of instructor with writing sample
- ENGL 4551** **Postcolonial Studies** **3 Credits**
 An exploration of such concerns as race, gender, nationality, and postcolonial subjectivity. Texts studied will include such writers as Jean Rhys, V. S. Naipaul, Salman Rushdie, Grace Nichols, and Okot p'Bitek, along with such theorists and critics as Homi Bhabha and Frantz Fanon.
Prerequisite: ENGL 1102
- ENGL 4621** **Popular Culture Studies** **3 Credits**
 An examination of American pop culture, with an emphasis on developments since World War II. A study of current trends in pop culture and cultural theory.
Prerequisite: ENGL 1102
- ENGL 4631** **Literary & Cultural Theory** **3 Credits**
 Focuses on current trends in literary and cultural theory. Introduction to major schools/tendencies, including Marxist materialism, dialogic and semiotic analysis, deconstruction, reader-response criticism, psychoanalytic criticism, new historicism, materialist feminism, and African-American feminism.
Prerequisite: ENGL 1102
- ENGL 4700** **Senior Seminar** **3 Credits**
 A capstone course in which students will be guided to synthesize previous coursework through intensive study of literary movements, genres, and authors. Methods include small group discussion, formal and informal oral presentations, and conferences with the professor. Each student will prepare a major paper demonstrating skill in research, writing, and critical thinking.
Prerequisite: Senior standing
- Fine Arts**
- FINE 2104** **Portfolio/Career Marketing** **3 Credits**
 This course is designed to advise students on their chosen career and the variety of possible job opportunities. Students will learn how to audition professionally and develop a portfolio for presentation in their area of concentration.

- FINE 2601** **Stagecraft** **3 Credits**
This is a course on how to use backstage equipment with safety, speed, and efficiency. The course will focus on the practical aspects of lighting and production. Students will practice with a variety of equipment available to meet the lighting demands of a production.
- FINE 2909** **Business Management through the Arts** **3 Credits**
This course is an introductory management course for the student seeking a career in the visual and performing arts. Students will be introduced to the various aspects of entertainment law.
- FINE 2999** **Legal Aspects of the Arts** **3 Credits**
This course studies the copyright issues and laws affecting artists, their impact on the mass media, entertainment media, fine arts, and academia. The course encourages creativity and discovery of knowledge, studies how unfair competition law protects the personal talents of media and entertainment figures, examines contract and agency law as it relates to professionals and artists in media industries, and assesses the adequacy of laws in the arts in an era of dynamic technological change.
- FINE 4909** **Special Topic**
Provides the student with an opportunity to address contemporary issues in real time. Topics may be chosen by faculty or resulting from student input.
- FINE 4999** **Seminar/Practicum/Internship** **3 Credits**
This is a senior level course with two components: 1. Students will be involved in off-campus, on-the-job observation and training in which the student pursues professional work in a variety of traditional and non-traditional careers appropriate to their academic program. An internship must be completed at 100 clock hours. 2. Students must have an understanding of the various kinds of research as well as knowledge in their field of concentration in preparation for graduate schools and professional entry positions. Students must show competence skills in their field of study, prepare for successful completion of departmental exit examinations, and prepare a marketable project in the field of study.
Prerequisite: Completion of 30 credit hours in BFA major

Foreign Languages

Arabic

- ARAB 1001** **Elementary Arabic I** **3 Credits**
An introduction to elementary modern standard Arabic. The course will focus on the phonology and writing system. Lectures in Arabic civilization and culture will be integrated into the language study. Not open to students who have more than one year of high school Arabic or who are native speakers of Arabic.
- ARAB 1002** **Elementary Arabic II** **3 Credits**
A continuation of Elementary Arabic I. The emphasis will be on speaking and writing skills. Intensive practice of sentence structure and basic vocabulary will be required. Various aspects of Arabic culture will be examined. Not open to students who have more than one year of high school Arabic or who are native speakers of Arabic.
Prerequisite: ARAB 1001
- ARAB 2001** **Intermediate Arabic I** **3 Credits**
An intensive review of grammar and sentence structure, along with drills in reading, speaking and writing. Language instruction will be supplemented with lectures and audio-video presentations.
Prerequisite: ARAB 1002 or two years of high school Arabic
- ARAB 2002** **Intermediate Arabic II** **3 Credits**
Continuation of Intermediate Arabic I.
Prerequisite: ARAB 2001

Chinese

CHIN 1001 **Elementary Chinese I** **3 Credits**
 An introduction to elementary Chinese. This course focuses on listening to, speaking, writing, and reading everyday Chinese. Lectures on Chinese civilization will be integrated into the language study. Not open to students who have more than one year of high school Chinese or who are natives of Chinese.

CHIN 1002 **Elementary Chinese II** **3 Credits**
 A continuation of CHIN 100I with more emphasis on writing. Intensive practice in grammar and composition will be required. Continuing study of Chinese culture. Not open to students who have more than one year of high school Chinese or who are natives of Chinese.
Prerequisite: CHIN 1001

CHIN 2001 **Intermediate Chinese I** **3 Credits**
 Intensive review of grammar and sentence structure, with emphasis on writing, speaking, and reading. Some cultural aspects will also be studied.
Prerequisite: CHIN 1002 or two years of high school Chinese

CHIN 2002 **Intermediate Chinese II** **3 Credits**
 Continuation of CHIN 2001.
Prerequisite: CHIN 2001

French

FREN 1001 **Elementary French I** **3 Credits**
 A beginning French course which focuses on practice in hearing, speaking, reading, and writing everyday French. The culture and civilization of France are also stressed. Not open to students who have more than one year of high school French or who are native speakers of French.

FREN 1002 **Elementary French II** **3 Credits**
 A continuation of FREN 1001 with emphasis on hearing, speaking, reading and writing.
Prerequisite: FREN 1001

FREN 2001 **Intermediate French I** **3 Credits**
 An intensive review of basic French with more emphasis on speaking, reading, and writing. Various cultural aspects of France and Francophone countries are examined.
Prerequisite: FREN 1002 or two years of high school French

FREN 2002 **Intermediate French II** **3 Credits**
 A continuation of FREN 200I. Intensive review in writing, speaking, and reading.
Prerequisite: FREN 2001

FREN 3101 **Advanced Conversation & Composition** **3 Credits**
 Intensive practice in conversational French based upon written texts and audio-visual documents. Development of writing and stylistic skills in addition to advanced review of grammatical structure.
Prerequisite: FREN 2002

FREN 3201 **French Civilization** **3 Credits**
 Acquaintance of the student with major contributions of France to Western civilization. The notion of Francophones will also be studied.
Prerequisite: FREN 3101

FREN 3203 **Survey of French Literature** **3 Credits**
 Diachronic study of French literature from the middle ages to modern times, with emphasis on major authors and/or works.
Prerequisite: FREN 3101

FREN 3401	Introduction of Business French	3 Credits
Basic notions of management, market studies, insurance, corporate laws, export-import, telecommunications and commercial correspondence will be introduced. <i>Prerequisite: FREN 3101</i>		
FREN 3402	Intermediate Business French	3 Credits
Same emphasis as FREN 3401 in addition to the usage of French Minitel through the Internet. <i>Prerequisite: FREN 3401</i>		
FREN 4100	Survey of African & Caribbean Francophone Literature	3 Credits
Study of selected writings in prose, poetry, and drama by major French-speaking African, North African, and Caribbean writers. <i>Prerequisite: FREN 3101</i>		
FREN 4500	Study in France	3-12 Credits
Summer study in France with the Study Abroad Program of the University System of Georgia. Topics and levels of study may vary. <i>Prerequisite: Recommendation of instructor</i>		

German

GRMN 1001	Elementary German I	3 Credits
A beginning course using a practical approach with emphasis on speaking, listening to, and reading everyday German. Not open to students who have more than one year of high school German or who are native speakers of German.		
GRMN 1002	Elementary German II	3 Credits
Continuation of GRMN 1001 with more emphasis on writing. <i>Prerequisite: GRMN 1001</i>		
GRMN 2001	Intermediate German I	3 Credits
Intensive review of grammar and structures. Practice in speaking and writing based on textual readings. <i>Prerequisite: GRMN 1002 or two years of high school German</i>		
GRMN 2002	Intermediate German II	3 Credits
Continuation of GRMN 2001. <i>Prerequisite: GRMN 2001</i>		

Spanish

SPAN 1001	Elementary Spanish I	3 Credits
A course for students with little or no previous language study. Practice in listening to, speaking, reading, and writing everyday Spanish. Introduction to Spanish culture. Not open to students who have more than one year of high school Spanish or who are native speakers of Spanish.		
SPAN 1002	Elementary Spanish II	3 Credits
Practice in listening to, speaking, reading, and writing Spanish. Continuation of SPAN 1001. <i>Prerequisite: SPAN 1001 or permission of instructor</i>		
SPAN 2001	Intermediate Spanish I	3 Credits
An intensive review of basic principles of the language; continued practice in listening, speaking, reading, and writing. <i>Prerequisite: SPAN 1002 or two years of high school Spanish</i>		
SPAN 2002	Intermediate Spanish II	3 Credits
Intensive review of basic principles of Spanish; continued practice in listening, speaking, reading, and writing. <i>Prerequisite: SPAN 2001</i>		

SPAN 3101	Advanced Conversation & Composition	3 Credits
A course focusing on understanding, speaking, and writing. Students will give oral presentations and write compositions on assigned topics.		
<i>Prerequisite: SPAN 2002</i>		
SPAN 3201	Civilization & Culture of Spain	3 Credits
An historical survey of the culture of Spain from the Pre-Roman era to the present. Classes will be conducted in Spanish.		
<i>Prerequisite: SPAN 3101</i>		
SPAN 3202	Civilization & Culture of Latin America	3 Credits
An historical survey of the culture of Latin American from the Pre-Columbian era to the present. Classes will be conducted in Spanish.		
<i>Prerequisite: SPAN 3101</i>		
SPAN 3204	Survey of Literature	3 Credits
Introduction to some of the principal authors, works, and ideas in the literatures of Spanish-speaking countries.		
<i>Prerequisite: SPAN 3101</i>		
SPAN 3401	Introduction to Business Spanish	3 Credits
A study of business terminology, including letter writing, insurance, banking, situations dealing with export and import companies, and job interviews.		
<i>Prerequisite: SPAN 1002 or two years of high school Spanish</i>		
SPAN 3402	Intermediate Business Spanish	3 Credits
A continuation of SPAN 3401 with further emphasis on terminology relating to banking, insurance, letter-writing, job interviews, and exporting and importing.		
<i>Prerequisite: SPAN 3401</i>		
SPAN 4101	Beginning Medical Spanish	3 Credits
A study of terminology vital to medical personnel, nursing students, and anyone in any health-related field.		
<i>Prerequisite: SPAN 1002 or two years of high school Spanish</i>		
SPAN 4102	Intermediate Medical Spanish	3 Credits
A continuation of SPAN 4101. Students will continue to learn vocabulary useful to anyone in any medical or health-related field.		
<i>Prerequisite: SPAN 4101</i>		
SPAN 4500	Study Abroad	3-12 Credits
Students spend one summer in the Study Abroad Program of the University System of Georgia. They take language, literature, and civilization courses and participate in extra-curricular activities, including cultural tours.		
<i>Prerequisite: Recommendation of instructor</i>		

Geography

GEOG 1101	Introduction to Human Geography	3 Credits
A study of man's relationship to the natural, physical, and cultural environment, world patterns of population, climate and industrial development; problems of agricultural, commerce, trade, transportation, and communication, and conservation of natural resources.		
GEOG 3122	The Geography of Poverty	3 Credits
This course provides an examination of the spatial dimensions of poverty in the United States and provides evidence that there is some utility in bringing the spatial perspective of the geographer to bear on the national problem of poverty. The course addresses disparities in wealth, economic prosperity and social-well being and quality of life issues in American cities. Different perspectives (geographical, sociological, economic, psychological, and cultural) on the definitions and dimensions of poverty are examined in some depth.		

- GEOG 3621** **Population Geography** **3 Credits**
The course is designed to acquaint the students with the essentials of population study from a geographer's perspective. Students will learn where to obtain pertinent demographic data and how to analyze it in a meaningful way with maps and statistics. It examines the characteristics and distribution of human populations across the diaspora paying special attention to the factors responsible for the spatial variations in mortality, fertility and migration patterns.
- GEOG 3631** **Urban Social Geography** **3 Credits**
An examination of the ways in which urban geography facilitates an understanding of cities, how cities are conceived, lived and represented. The course helps students understand how different social groups in cities affect the spatial configuration of the urban landscape and how such landscapes have changed over the course of human history. It discusses the ways in which different social groups make claims on space and place, and addresses the question of how communities are delimited in the framework of "social space".
- Gerontology**
- GRNY 2101** **Introduction to Gerontology** **3 Credits**
A general introduction to social issues in gerontology with emphasis on the normal activities of aging, review of current studies on the roles, activities, and status in the later years, including income status and needs as worker, retiree, and users of leisure services.
- GRNY/PSYC 3102** **Psychology of Aging** **3 Credits**
An exploration of the general psychological effects of aging on the populace of the United States of America; a comparison of aging and its effects on the populace of several other nations; a comparison of accepted and/or often used terms to describe chronological, physiological, and psychological aging as well as the concept of ageism and some of its effects.
Prerequisite: PSYC 1101 or PSY 201
- GRNY 3104** **Biological & Physiological Aspects of Aging** **3 Credits**
A study of the general biology of aging, physiological changes with age, theories of biological and physiological aging, factors affecting longevity, and genetic aspects of aging.
- GRNY 3120/AFRS** **African-American Aging** **3 Credits**
An examination of the historical, demographic, and socio-economic profiles of Blacks; an analysis of major problems encountered by Black elderly persons; review of issues such as income, health, housing, and transportation; emphasis on unique aspects of Black religion, family ties, language habits, coping behaviors, and population distribution.
- GRNY 4101** **Consumer Economics & Law for the Aging** **3 Credits**
An examination of age-related consumer and legal concerns. This will be a practical course including exploration of such topics as wills and other legal matters, generic drugs, health care costs, food and nutrition, budget management, fraud, and consumer protection laws.
- GRNY/SOWK 4110** **Services to the Elderly** **3 Credits**
An emphasis on the social, economic, and health needs of the elderly with attention to delivery systems that work; focus on knowledge, research, and actual projects; designed for students planning to work in public or private agencies serving the elderly.
- GRNY 4201** **Death & Dying** **3 Credits**
A study of the literature expressing historical, social, and cross-cultural attitudes towards death and dying; designed to help students understand death in its social context.
- GRNY 4301** **Physical Fitness & Recreation for the Elderly** **3 Credits**
A focus on the physiological, psychological, and sociological values of physical exercise and recreations for the older adult; an opportunity to develop physical fitness and recreational programs for healthy adults; and less vigorous ones.
- GRNY 4501** **Field Experience** **Credits Varies**
A field experience for students to work under professional supervision in a facility for older people, such as a home for the aged, senior citizens activity center, or housing development.
- GRNY 4705** **Seminar in Gerontology** **3 Credits**
An integration of theoretical classroom learning with practical experience gained by the students in the field.

Health Education

HEDU 1101	Concepts in Healthful Living	2 Credits
An introduction to concepts related to healthful living. These concepts are physical activity, stress management, nutrition, environmental sensitivity, sexuality, and weight management. (0-2-2)		
HEDU 1111	Physical Fitness for Life	2 Credits
An introduction to the role of physical fitness in a healthful lifestyle. This course involves developing exercise programs for each component of physical fitness. Students spend two hours each week on physical fitness activities and one hour each week exploring the relationship of physical fitness activities to a healthy lifestyle. (1-2-2)		
HEDU 1201	Physical Activity & Stress Management	2 Credits
A course focusing on the development of physical activity and relaxation programs that help students to manage and cope with stress in their lives. The course consists of two hours each week of physical activity and relaxation application and one hour each week exploring the nature of the human stress response. (1-2-2)		
HEDU 1211	Physical Activity & Body Composition	2 Credits
A course designed to help students develop and execute exercise programs that will develop a healthy body composition and achieve and maintain a desirable body weight. Students spend two hours each week participating in exercise programs. The course also explores theories regarding the relationship of exercise and body composition. (1-2-2)		
HEDU 1301	Weight Training	1 Credit
Participation in weight training exercise programs and weight resistance activities to achieve desired level of strength and a healthy level of body composition.(0-2-1)		
HEDU 1401	Physical Conditioning	1 Credit
Participation in weight training exercise programs that develop the five components of physical fitness. The major emphasis in the course is on the development of cardiovascular fitness. (0-2-1)		
HEDU 1601	Swimming	1 Credit
A beginning course in swimming. Students learn basic techniques and drown-proofing skills. (0-2-1)		
HEDU 1611	Swimming II	1 Credit
A course designed for development of advanced swimming fundamentals and techniques to be used for acquiring and maintaining a desirable quality of life and cardiovascular fitness. (0-2-1)		
HEDU 1621	Aqua Dynamics	1 Credit
A water aerobics class that focuses on all the components of physical fitness.(0-2-1)		
History		
HIST 1111	Survey of World History to Early Modern Times	3 Credits
A survey of the major civilizations of the world from the earliest time to approximately 1500.		
HIST 1112	Survey of World History from Early Modern Times to the Present	3 Credits
A survey of the major civilization of the world from about 1500 to the present.		
HIST 2111	A Survey of U.S. History to the Post-Civil War Period	3 Credits
An introductory survey of the formative years of the history of the United States.		
HIST 2112	A Survey of U.S. History from the Post-Civil War Period to the Present	3 Credits
A survey of African-American and American History from the Civil War to the present.		
HIST 2301	History of American Military Affairs	3 Credits
An introductory survey of military affairs in the United States from the Revolution to the present; designed to acquaint the student with the American military experience, to emphasize the problems involved in waging war, and to examine the effects of war on society.		

HIST 3101	Historical Research	3 Credits
An analysis of sources and critical methods for evaluating, organizing, and using these materials; a focus on selected historians and distinctive type of historical writing.		
<i>Prerequisites: HIST 2111 or HIS 202 and HIST 2112 or HIS 203</i>		
HIST 3207	Georgia History	2 Credits
A survey of the history of Georgia from pre-colonial times to present.		
HIST/AFRS 3301	African-American History Before 1900	3 Credits
A survey of the history of African-Americans beginning with the African background to 1900 with an overview of the twentieth century.		
HIST/AFRS 3312	The African-American in the 20th Century	3 Credits
An analysis of the modern African-American experiences such as African-American participation in the World Wars, the Depression, and the struggles for civil rights, identity, and self-determination.		
HIST 3411	History of Early Modern Europe	3 Credits
A study of the history of Europe from about 1500 until the French Revolution covering the Reformation, Scientific Revolution, absolutism, family and demographic developments, and the Enlightenment.		
HIST 3412	History of Modern Europe	3 Credits
A detailed study of the political, social, economic, and intellectual development in Europe since 1789. Emphasis is on western Europe.		
HIST 3501	Colonial America	3 Credits
An examination of cultures and institutions of colonial America before 1776.		
HIST 3502	American Revolution & New Nation	3 Credits
An examination of American cultures and institutions from the outbreak of the revolution through the early years of the New Republic.		
HIST 3503	American Civil War & Reconstruction	3 Credits
An intensive examination and analysis of the forces at work in American life during the crucial period from 1840 through 1877.		
HIST 3504	Recent American History	3 Credits
An intensive study of the political, social, and economic history of the United States from the First World War to the present.		
HIST 3601	Colonial & Early National Latin American History	3 Credits
An appraisal of the origins and development of social, political, economic, and intellectual characteristics of Latin America from the pre-Colonial era through the wars for independence.		
HIST 3801	Modern Asian History	3 Credits
An introduction to the origins and developments of the economic, political, social, and cultural characteristics of Asian nations with special emphasis on the roles of China, Japan, and India during the past four centuries.		
HIST 3901	Internship	Credit Varies
An individually designed course-project involving research in a government or private agency. Students will be under the joint supervision of the sponsoring agency and their faculty advisor. This internship will be arranged by the faculty advisor and department chair.		
HIST 3909	Readings in History	Credit Varies
Directed readings and other activities related to particular topic in the discipline.		
HIST/AFRS 4301	History of African-American Thought	3 Credits
A study of the ideas, institutional practices, values, and ideologies embraced by African-Americans. The course incorporates the philosophies and tactics of accommodation, integration, and separation.		
<i>Prerequisite: HIST 3301 or HIS 308 or permission of the instructor</i>		

HIST 4411 **History of Modern Britain** **3 Credits**
A survey of British history since the revolution of the seventeenth century, including its economic growth, its rise as a world power, and its role in the world today.

HIST 4601 **Latin America in the Modern World** **3 Credits**
An appraisal of the social, political, economic, and intellectual development of Latin America since independence with emphasis on the 20th Century.

HIST/AFRS 4701 **African History Before 1800** **3 Credits**
A study of major themes in the history of Africa prior to 1800: the African physical environment, early civilizations and state formation, the spread of Islam, the slave trade, the beginning of European colonization, and significant cultural developments.

HIST/AFRS 4702 **African History Since 1800** **3 Credits**
A study of major themes in the history of Africa since 1800: major cultural developments, colonial rule, African nationalism and independence, and global Africa.

HIST 4801 **History of China Since 1600** **3 Credits**
An examination of the major issues, revolutions, and personalities in the history of China from 1600 to the present; a comprehensive presentation of China's economics, politics, society, and culture during the past four centuries.

HIST 4805 **Twentieth Century East Asian Economic History** **3 Credits**
An examination of the themes, patterns, and problems of economic development in China, Japan, Korea, Taiwan, and Hong Kong since 1900. This course provides an historical background to the relations between economics and non-economic affairs.

HIST 4901 **Senior Seminar** **3 Credits**
A review of general historical time-lines of United States and world history with reference to trends in historiography and historical interpretations as well as a review of library research skills.

Homeland Security and Emergency Management

HSEM 1101 **Introduction to HSEM** **3 Credits**
A survey of the emerging field of homeland security and emergency management. The course provides students with a broad picture of the emergency management system in the United States, including historical events, practices, and policies that have had impacted the development of emergency management and homeland security as a governmental function and as a profession. Students will get an overview of the role and methods of emergency management and homeland security in protecting lives, property, and infrastructure.

HSEM 3110 **Politics & Policy of HSEM** **3 Credits**
Examines policies, programs, agencies, and institutions involved in U.S. disaster and emergency management. Focus is on the role of politics, public policymaking, and intergovernmental relations in managing all hazards at the local, state, and national levels. Emergency management and homeland security encompass a wide range of expertise and activities; policy and politics have significant impact on these preparedness, response and related activities before and during a disaster.
Prerequisite or Corequisite: HSEM 1101

HSEM 3120 **Law & Ethics in HSEM** **3 Credits**
Focuses on the legal, liability and ethical concepts underlying U.S. civil liberties and rights in the context of HSEM activities, from mitigation and prevention, to declarations of emergency or acts of terrorism. Topics addressed include surveillance, public health quarantine, property buyouts, federal laws passed in the aftermath of September 11, 2001, terrorists' attacks, rights of citizens and foreign nationals, government infrastructure for decisions concerning national and international legal rights, and jurisdictional issues.
Prerequisite: HSEM 1101

HSEM 3122 **International Humanitarian Law** **3 Credits**
An elective that provides an introduction to concepts and rules related to human rights law of armed conflict. Topics include humanitarian aid, legal principles, non-governmental organizations, the Nuremberg Charter, Geneva Convention, Genocide Convention, and background, statutes and experiences related to United Nations tribunals and the International Criminal Court.

HSEM 3130 **Emergency Planning, Mitigation & Incident Management** **3 Credits**
Provides foundation knowledge and develops skills and abilities in planning, hazard mitigation and incident management. It addresses planning principles and specific types of planning including emergency operations planning, continuity of operations and continuity of

government planning, and business continuity planning. It includes instruction on incident management, addressing direction, control and cooperation challenges, systems, and approaches across disciplines and levels of government. Training and exercises as key components of preparedness also are addressed.

Prerequisite or Co requisite: HSEM 3250

HSEM 3140 **Diversity Issues in HSEM** **3 Credits**

Examines the extent to which HSEM practitioners and their organizations serve the needs of diverse groups, including the elderly, disabled, women, racial and ethnic groups, the poor and/or disadvantaged, and other segments of the community. The course also explores ways of expanding participation of diverse groups in the design and implementation of disaster planning and policy.

Prerequisite or Co requisite: HSEM 3250

HSEM 3250 **Risk & Vulnerability Assessment** **3 Credits**

A study of a hazard identification and risk and vulnerability assessment across all types of hazards. The course provides instruction in analytical techniques and methodologies for threat and vulnerability assessment for public and private entities. It uses an all-hazards approach to assessing risk, addressing natural, human-caused, and technological hazards, and will include cyber and critical infrastructure threats.

Prerequisite or Co requisite: HSEM 1101

HSEM 3260 **Terrorism in the Modern World** **3 Credits**

A survey of the problem of terrorism from a contemporary perspective, emphasizing political and ideological roots of terrorism. Examines the history of terrorism, domestically and internationally, the roles of religion and culture, the structures and operations of terrorist organizations, and antiterrorism policies and policymaking.

HSEM 3360 **The Intelligence Community & the Intelligence Process** **3 Credits**

An elective course that examines the processes and challenges of state, local, and federal intelligence gathering and dissemination. Intelligence policy and practice will be addressed.

Prerequisite: HSEM 3110

HSEM 3400 **Public Health Issues in HSEM** **3 Credits**

An elective course that explores public health issues involved in homeland security and emergency management, including study of biological agents, prevention, preparedness, public health communications, pandemic planning, and public health response.

HSEM 3822 **Tools for Decision-making in HSEM** **3 Credits**

A study of technology tools and organizational and decision-making techniques useful in homeland security and emergency management. Examines use of communications, software, information management and other tools in HSEM settings. Includes use of hazard analysis and mapping software applications, including geographic information systems (GIS), and incident management technologies.

Prerequisite: HSEM 3250

HSEM 3840 **Effective HSEM Communication & Leadership** **3 Credits**

Prepares future HSEM professionals with communication and leadership skills to fulfill crucial roles of communicating and team-building with individuals in government, private sector, and the community. The course will explore the need for and provide tools for developing strong communication and leadership across a spectrum of constituencies and environments, including within the incident management system, with the objective of improved outcomes in disasters.

Prerequisite or Co requisite: HSEM 3250

HSEM 3901 **HSEM Internship** **3 Credits**

Designed to provide the HSEM major or minor with an opportunity to relate theory to practice through observation and actual experience with government, private sector, and/or non-profit sector organizations that have responsibilities for developing policy or performing work in the area of homeland security and emergency management.

Prerequisite: 75 credit hours or permission of instructor

HSEM 4000 **Independent Study** **3 Credits**
 An elective open to students with junior and senior standing who have earned at least 12 credit hours in HSEM. Independent study, which requires permission of the HSEM program coordinator, offers students an opportunity to conduct research under the direction of an instructor qualified in the subject or field of major interest.

HSEM 4601 **Topics in HSEM** **3 Credits**
 An elective that addresses an HSEM topic of special interest.
Prerequisites: HSEM 1101 and permission of instructor

HSEM 4901 **Senior Capstone Seminar** **3 Credits**
 A capstone course examining major issues in homeland security and emergency management. Students will produce a research project.
Prerequisite: Required HSEM courses through 3200 level or permission of instructor

Humanities

HUMN 1201 **Critical Thinking & Communication** **3 Credits**

This course is designed to assist in the development of skills in critical reading, critical thinking, and interpersonal communication in the context of contemporary issues. This course focuses not only on improving reading comprehension and analytical skills, but also on identifying problems with logic found in one's own communication and in that of others, on developing an awareness of techniques commonly used in advertising and political language, on understanding principles of interpersonal communication and public speaking, and on organizing, developing, and presenting audience-centered material.

HUMN 2011 **Humanities** **3 Credits**
 Designed as a multicultural, cross-disciplinary course to enable students to discover, interpret, and assess critically the intellectual and aesthetic expressions of cultures of America, Europe, Asia, and Africa.
Prerequisite: ENGL 1102 or ENG 109

Mass Communications

COMM 1000 **Mass Communications Colloquium** **2 Credits**
 This course is for entering freshmen. The one hour a week course will provide the students with similar content to the course in Freshman Experience. The course will also provide the faculty in the mass communications department opportunities to engage majors at an earlier time in their matriculation and provide guidance to freshman majors on curriculum and concentration areas.

COMM 2101 **Writing for the Media** **3 Credits**
 Lecture and laboratory course introducing students to the fundamentals of writing news stories for print and broadcast media including public relations.
Prerequisites: ENGL 1101 and ENGL 1102

COMM 2105 **Mass Media & Society** **3 Credits**
 General examination of the foundations, organization, control, and current status of the media. Economic and social impact of the media (radio, television, newspapers, books, magazines, and comics) is surveyed. Broad comparisons of the American with foreign media systems are included.

COMM 2106 **African-Americans in the Media** **3 Credits**
 A survey of the history, the contributions, representation, and portrayal of African-Americans and other minorities in the media. Assessment of the impact of such portrayal on social, political, and cultural interactions.

COMM 3101 **Media Arts & Design** **3 Credits**
 The development of basic skills in graphics for print and television. The course introduces students to the practice of image making and new technologies. It includes layout, page design, and other graphic elements necessary for public relations and advertising campaigns.

COMM 3102 **Photo-Journalism** **3 Credits**
 Instruction in taking, developing, and printing pictures for news purposes. Digital camera required.

- COMM 3105** **Writing for Newspapers & Magazines** **3 Credits**
A continuation of COMM 2101 with emphasis on writing for the print media.
Prerequisite: COMM 2101
- COMM 3110** **Desktop Publishing** **3 Credits**
An in-depth, hands-on application of at least two desktop publishing software packages (including InDesign) as writing tools.
Prerequisite: COMM 3102
- COMM 3120** **Introduction to Communications Theory** **3 Credits**
An overview of the major concepts and applications of human mass communications theories. While interpersonal and intercultural communications will be examined, applications of the theories and concepts in the mass media will be emphasized.
- COMM 3130** **History of Journalism** **3 Credits**
An historical survey of the principal developments in journalism from the eighteenth through the twentieth centuries.
- COMM 3201** **Feature Writing** **3 Credits**
A course designed to further develop a student's skill in researching, organizing, and writing news features and human interest stories.
Prerequisite: COMM 3105
- COMM 3301** **Introduction to Television Production** **3 Credits**
This course is designed to provide students with a working knowledge of the disciplines and techniques involved in television production. The course will also give students a basic operating knowledge of the terminology used in the television industry.
Prerequisite: COMM 3303
- COMM 3302** **Speech for Radio & Television** **3 Credits**
A course designed to teach the basic techniques of radio and television broadcasting. Emphasis on news casting, advertising, sports casting, and announcing formats.
Prerequisite: SPEH 1101
- COMM 3303** **Scriptwriting for Radio & Television** **3 Credits**
Scriptwriting for Radio and Television provides practical experience in writing various forms used in broadcast and film media and provides students with exposure to professional audio and video production equipment and techniques.
Prerequisite: COMM 2101
- COMM 3305** **Introduction to Film Production** **3 Credits**
Provides students a working knowledge of the disciplines and techniques involved in film production including a basic operating knowledge of the terminology and equipment used in the film industry.
Prerequisite: COMM 3901
- COMM 3306** **Introduction to Audio Production** **3 Credits**
Designed to provide students with a working knowledge of the disciplines and techniques involved in radio and other professional audio production systems. The course will also give students a basic operating knowledge of professional audio equipment and technology and appropriate terminology.
- COMM 3401** **Introduction to Public Relations & Advertising** **3 Credits**
An introduction to the role of public relations and advertising in our society, how "publics" and markets are determined and targeted, the different types of public relations fields, the use of public relations in image packaging, the use of advertising in selling goods and services, and the relationship of advertising agencies to advertisers and media.
Prerequisites: ENGL 1102, COMM 2101 and COMM 3110
- COMM 3402** **Advertising Media Sales & Purchases** **3 Credits**
Analysis of major media sales practices, including organization and preparation of radio, newspaper, television, or magazine presentations for advertising clients. Introduction to common media sales terminologies, data collection, and calculations and tools, including ratings and rate cards.

COMM 3901	History of Film	3 Credits
Class sessions are informal. The instruction process is lecture by the instructor, guest lecturers, out of class procedural demonstrations, examination and viewing of various film genres, and exercises by the class in various production situations. Student and group projects will be conducted in and outside of the regular class period.		
COMM 4101	Advertising Copy Writing	3 Credits
Principles and practices of planning, preparing, and writing effective advertising messages for newspapers, magazines, industrial publications, the trade press, radio, television, mail order, and billboards. Analysis and critique of current advertisements. Copy and product tests in relation to markets.		
COMM 4105	Editorial Writing	3 Credits
Conceptualizing, researching, and writing effective editorials for the mass media. <i>Prerequisite: COMM 3105</i>		
COMM 4106	Communications Practicum	3 Credits
Intensive field and laboratory practice on video, audio, or print projects under faculty supervision. <i>Prerequisites: COMM 3401 or COMM 4107 or COMM 4170 and Permission of instructor</i>		
COMM 4107	Advanced Television Production	3 Credits
Advanced instruction and practice in television production, including directing, programming, and equipment. <i>Prerequisite: COMM 3301</i>		
COMM 4108	Film & Television Directing	3 Credits
This course is designed to provide students with a working knowledge of the disciplines and techniques involved in the directing process for film and television, and will give students a basic operating knowledge of the terminology used in directing film and television production. <i>Prerequisite: COMM 3301 or COMM 3305</i>		
COMM 4109	Radio Production & Programming	3 Credits
This course will provide students with experience in how radio stations operate and the various programming functions involved in the radio and music industries.		
COMM 4110	Advanced Audio Production	3 Credits
Advanced instruction and practice in radio production, including directing, programming, and equipment. <i>Prerequisite: COMM 3301</i>		
COMM 4111	Film & Television Editing	3 Credits
This course will provide students with an introduction to linear and non-linear editing processes for film and television. <i>Prerequisite: COMM 3301 or COMM 3305</i>		
COMM 4112	Commercial Recording	3 Credits
This course will provide students with experiences in recording for the broadcast and music industries. Commercials, music video production, music production, and public service announcements will be examined. New approaches to digital music production and software usage in the music industry will also be covered. <i>Prerequisite: COMM 3306</i>		
COMM 4113	Advanced Post-Production Techniques	3 Credits
This course will provide students with advanced techniques for the non-linear editing processes for film and television. This course will give students expert operating knowledge of the terminology used in the post-production process of film and television productions. <i>Prerequisite: COMM 4111 or COMM 4112</i>		
COMM 4115	Independent Study	3 Credits
Directed individual work under the guidance of various faculty members. <i>Prerequisite: Permission of the instructor</i>		

- COMM 4170** **Advanced Newspaper Writing & Reporting** **3 Credits**
Instruction and practice in reporting all areas of public affairs. Includes ethics of journalism, law of libel, right of privacy, fair comment and criticism, privileged matter, and other issues.
Prerequisite: COMM 3105
- COMM 4201** **Copy Editing** **3 Credits**
Designed to give students training in the theory and practice of copy editing and headline writing. Simulated local news copy and wire service stories are used.
Prerequisite: COMM 3105
- COMM 4211** **Newspaper Production** **3 Credits**
Copy editing, headline writing and newspaper layout. Emphasis upon the principles and skills involved in producing a newspaper by the off-set of cold type method.
Prerequisite: Prior approval of instructor
- COMM 4402** **Public Relations & Advertising Campaigns** **3 Credits**
Analysis of contemporary public relations and advertising issues. Development of public relations and advertising campaigns involving research, planning, preparation and presentation for various types of public relations and advertising organizations. Problem-solving and decision-making techniques.
Prerequisites: COMM 3401 and COMM 4101
- COMM 4406** **Public Relations & Advertising Workshop** **3 Credits**
An intensive, hands-on course that stresses the production of professional quality public relations and/or advertising materials pre-approved or specified by the instructor. Students work in groups, but meet as a class with instructor for critiques. Focuses on products that meet professional standards in content, style, and quality.
Prerequisites: COMM 3401 and COMM 4101
- COMM 4705** **Communication Law & Ethics** **3 Credits**
Study of the laws affecting American media, including the concept of freedom of speech and press, federal regulatory agencies, libel, slander, copyright, and invasion of privacy.
Prerequisite: Junior or Senior Standing
- COMM 4810** **Introduction of Communications Research** **3 Credits**
An introduction to social science research concepts and techniques in the study of the mass media. Survey of quantitative research methods in the media situations and media rating services.
Prerequisites: COMM 2105, ENGL 1102, MATH 1101
- COMM 4815** **The Documentary** **3 Credits**
A survey and analysis of the documentary format employed in film productions, 1945-1970s, and preparation and production of a mini-documentary.
Prerequisites: COMM 3303 and COMM 4107
- COMM 4902** **Professional Media Internship** **3 Credits**
A course open only to juniors and seniors majoring in mass communications; students work with various professional media in Savannah and other areas. Junior or senior standing.
Prerequisites: COMM 2101 and permission of instructor

COMM 4904**Independent Study**

Independent study, on-line and print based, is designed to offer the individual student an opportunity to explore subjects outside of the traditional classroom setting. The specific course requirement will be formulated by the student under the direction of a selected instructor who possesses expertise in the subject matter. A grade point average of 3.00 is required. Exceptions to the 3.00 average may be made for students under extenuating circumstances.

An independent study form must be signed by the instructor of record and the department chairperson prior to a student's enrollment in the course. A statement regarding the conditions and credit/semester limits under which the course may be repeated must be clearly stated in the DESCRIPTION (Student may not be enrolled for more than 9 credits).

Music**MUSC 1101****Music Appreciation****3 Credits**

An introductory music course which emphasizes the repertoire most frequently heard in concert halls today—music from the baroque period to the present. Course content includes jazz, American popular idioms, and music from a wide span of cultures, including Indian, Arabic, Indonesian, African, Japanese, and Chinese.

MUSC 1201**Fundamentals of Music****3 Credits**

Course in rudiments of music designed for non-music majors.

MUSC 1311**Theory I****3 Credits**

Course in notation, time signatures, major and minor scales, intervals, melodic and rhythmic problems, sight-reading and musical dictation.

MUSC 1312**Theory II****3 Credits**

A continuation of MUSC 1312. Course in notation, time signatures, major and minor scales, intervals, melodic and rhythmic problems, sight-reading and musical dictation.

MUSC 1408, 2408, 3408 and 4408 are courses directly related to the official band of Savannah State University and run concurrently during the first semester according to student rank. A continuation of the course takes place during the second semester.

MUSC 1408**Band Organization (1st Semester)****1 Credit**

A course that focuses on band performance and technique development. Freshman level.

MUSC 1409**Band Organization (2nd Semester)****1 Credit**

A continuation of MUSC 1408.

MUSC 1411**Applied Percussion****1 Credit**

A private lesson held in the percussion studio for one hour a week by appointment only. Freshman level.

MUSC 1412**Applied Percussion (2nd Semester)****1 Credit**

A continuation a MUSC 1411.

MUSC 1422**Applied Major Area—Band Instruments (Music Majors Only) 1 Credit**

A continuation of MUSC 1421.

MUSC 1542**Basic Keyboard****3 Credits**

A basic course in the elements of piano playing. The course will cover practical playing skills, technical study, ensemble playing, sight-reading, harmonization and study of solo repertoire.

MUSC 1608, 2608, 3608, AND 4608 are courses directly related to the official choir of Savannah State University and run concurrently during the first semester according to student rank. A continuation of the course takes place during the second semester.

MUSC 1608	Choral Organization (1st Semester)	1 Credit
The official choir of Savannah State University. The choir studies and performs standard choral literature encompassing music from the pre-Baroque style to 20th century music and beyond. The choir makes appearances in support of the University. Freshman level.		
MUSC 1609	Choral Organization (2nd Semester)	1 Credit
A continuation of MUSC 1608.		
MUSC 1808, 2808, 3808 and 4808 are courses directly related to the official string ensemble of Savannah State University and run concurrently during the first semester according to student rank. A continuation of the course takes place during the second semester.		
MUSC 1808	Chamber Organization (1st Semester)	1 Credit
A course that involves the official percussion ensemble of Savannah State University which studies and performs chamber and ensemble music. The group performs at various functions on and off campus in support of the university. Freshman level.		
MUSC 1809	Chamber Organization (2nd Semester)	1 Credit
A continuation of MUSC 1808.		
MUSC 2101	Theory II	3 Credits
A continuation of MUSC 1311 and MUSC 1312. Diatonic harmony, modulation, chromatic chords, modes, harmonizations from melody and bass, analysis of examples.		
MUSC 2102	Theory II	3 Credits
A continuation of MUSC 2101. Diatonic harmony, modulation, chromatic chords, modes, harmonizations from melody and bass, analysis of examples.		
MUSC 2121	History & Literature of Music I	3 Credits
A survey of the history of music from the beginning of the Christian era to the Baroque period. Emphasis placed upon a study of representative works by major composers, together with a comprehensive analysis of style and musical development.		
MUSC 2122	History & Literature of Music II	3 Credits
A continuation of MUSC 2121 beginning with the Baroque period to the present.		
MUSC 2408	Band Organization (1st Semester)	1 Credit
A course that focuses on band performance and technique development. Sophomore Level.		
MUSC 2411	Applied Percussion (1st Semester)	1 Credit
A private lesson held in the percussion studio for one hour a week by appointment only. Sophomore level.		
MUSC 2412	Applied Percussion (2nd Semester)	1 Credit
A continuation of MUSC 2411.		
MUSC 2409	Band Organization (2nd Semester)	1 Credit
A continuation of MUSC 2408.		
MUSC 2522	Keyboard I	3 Credits
A continuation of MUSC 1542. The course will further develop student skills in practical playing skills, technical study, ensemble playing, sight-reading, harmonization and study of solo repertoire. <i>Prerequisite: MUSC 1542</i>		
MUSC 2608	Choral Organization (1st Semester)	1 Credit
The choir studies and performs standard choral literature encompassing music from the pre-Baroque style to 20th century music and beyond. The choir makes appearances in support of the University. Sophomore level.		

MUSC 2609 A continuation of MUSC 2608.	Choral Organization (2nd Semester)	1 Credit
MUSC 2641 Basic elements of tone production, diction, breathing, and style, expanded through performance of standard musical literature through one on one weekly lesson with qualified instructor.	Intermediate Voice I	1 Credit
MUSC 2642 Basic elements of tone production, diction, breathing, and style, expanded through performance of standard musical literature through one on one weekly lessons with qualified instructor.	Intermediate Voice II	1 Credit
MUSC 2808 A course that involves the official percussion ensemble of Savannah State University which studies and performs chamber and ensemble music. The group performs at various functions on and off campus in support of the university. Sophomore level.	Chamber Organization (1st Semester)	1 Credit
MUSC 2809 A continuation of MUSC 2808.	Chamber Organization (2nd Semester)	1 Credit
MUSC 3011 A cultural analysis of African folk music and its influence upon the development of spirituals, work songs, and jazz. Contributions of African-American music to both popular and classical traditions studied.	African-American Music	3 Credits
MUSC 3101 A course that is an intermediate course for the study in religious keyboarding. The course will survey piano repertoires in gospel spirituals music. This is a two-semester course required of all students interning in the religious sector. <i>Prerequisite: MUSC 2522</i>	Gospel & Spiritual Keyboarding I	3 Credits
MUSC 3102 A course designed to expose students to composers and arrangers of jazz, rock, and soul music. Improvisation also included.	Jazz Ensemble	3 Credits
MUSC 3111 A study of the construction of music from the eighteenth century to the present, including melodic and harmonic analysis of selections by major composers.	Theory III (Form & Analysis)	3 Credits
MUSC 3411 A private lesson held in the percussion studio for one hour a week by appointment only. Junior level.	Applied Percussion (1st Semester)	1 Credit
MUSC 3412 A continuation of MUSC 3411.	Applied Percussion (2nd Semester)	1 Credit
MUSC 3454 A course designed to present ideas, suggestions, and various methods involved in operating a band program.	Band Methods	2 Credits
MUSC 3455 A course designed to expose and present works for band with regards to style, difficulty, scoring, rhythm and melodic lines, and other critical aspects of playing, interpreting, and performing band literature.	Band Repertory	2 Credits
MUSC 3601 The study of the literature and performance practices of various periods, the history of choral music, study of representative works of English, Italian, German and American composers.	Choral Literature	3 Credits
MUSC 3608 The choir studies and performs standard choral literature encompassing music from the pre-Baroque style to 20th century music and beyond. The choir makes appearances in support of the University. Junior level.	Choral Organization (1st Semester)	1 Credit
MUSC 3609 A continuation of MUSC 3608.	Choral Organization (2nd Semester)	1 Credit

MUSC 3620	Choral Techniques	3 Credits
Course designed to develop basic techniques for choral musicians. Discussions include meter pattern, preparatory beats, cluing, diction, blend, balance, and intonation.		
MUSC 3641	Advanced Voice (Non-music Majors Only)	1 Credit
A continuation of MUSC 2641-2642. Further advanced techniques studied through selected musical literature.		
MUSC 3642	Advanced Voice	1 Credit
A continuation of MUSC 3641.		
MUSC 3644	Applied Major Area—Voice (Music Majors Only)	1 Credit
A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of advisor. Regular lessons scheduled and periodic performances expected.		
MUSC 3645	Applied Major Area—Voice (Music Majors Only)	1 Credit
A continuation of MUSC 3644.		
MUSC 3646	Voice Performance II	3 Credits
A course that is a study of vocal repertory, including art songs, arias from opera/oratorio/cantata, and musical theater, appropriate for first year students. Laboratory required. <i>Prerequisite: MUSC 2645</i>		
MUSC 3651	English and Italian/German/French Diction	1 Credit
A course to assist students with the pronunciation and sounds of English, Italian, French, and German for good vocal performance.		
MUSC 3652	English and Italian/German/French Diction	1 Credit
A continuation of MUSC 3651.		
MUSC 3653	Vocal Pedagogy	1 Credit
Methods and materials for the studio.		
MUSC 3751	Conducting	2 Credits
A study of the techniques of conducting and interpretation of instrumental and choral literature.		
MUSC 3752	Advanced Choral Conducting II	2 Credits
A continuation of MUSC 3751, with choral music concentration. <i>Prerequisite: MUSC 3751 or MUS 351</i>		
MUSC 3753	Advanced Instrument Conducting II	2 Credits
A continuation of MUSC 3751, with instrumental music concentration. <i>Prerequisite: MUSC 3751 or MUS 351</i>		
MUSC 3808	Chamber Organization (1st Semester)	1 Credit
A course that involves the official percussion ensemble of Savannah State University which studies and performs chamber and ensemble music. The group performs at various functions on and off campus in support of the university. Junior level.		
MUSC 3809	Chamber Organization (2nd Semester)	1 Credit
A continuation of MUSC 3808.		
MUSC 4010	Conducting and Directing	3 Credits
This course seeks to prepare the student to meet both the musical and non-musical challenges of conducting. A special emphasis will be given to learning material that will be valuable to professionals in the field of music education. This course is designed to introduce the student to the basics of conducting. It provides the basis for instrumental and choral conducting, and, as such, is intended for students in both areas. (The course is for music concentration majors). Students who apply themselves will gain the fundamental psychomotor techniques and score-reading skills necessary for clear and expressive conducting. The course will begin with choral work, the majority of the semester will focus on instrumental conducting, and acquiring the body of knowledge necessary for success in that realm.		

MUSC 4011	Theory IV Counterpoint and Composition	2 Credits
A study of the construction of music from the eighteenth century to the present, including melodic and harmonic analysis of selections by major composers.		
<i>Prerequisites: MUSC 2101, 2102 or MUS 211</i>		
MUSC 4012	Theory IV Counterpoint and Composition	2 Credits
A continuation of MUSC 4011.		
<i>Prerequisites: MUSC 3111 or permission from instructor</i>		
MUSC 4408	Band Organization (1st Semester)	1 Credit
A course that focuses on band performance and technique development.Senior level.		
MUSC 4409	Band Organization (2nd Semester)	1 Credit
A continuation of MUSC 4408.		
MUSC 4411	Applied Percussion (1 Semester)	1 Credit
A private lesson held in the percussion studio for one hour a week by appointment only. Senior level.		
MUSC 4420	Seminar: Instrumental Pedagogy and Techniques	1 Credit
A course designed to use comprehensive methods and materials in understanding the repertoire of instrumental music.		
MUSC 4536	Intermediate Keyboard II	3 Credits
Offered fall semesters only, this course surveys piano repertoire from Baroque through the Romantics (Baroque, Classical, and Romantic). Students are expected to take 2 semesters of the course in order to cover all of the periods of piano repertoire. Classroom instruction is largely devoted to directed listening to the music. Reading assignments are given for outside work.		
<i>Prerequisite: MUSC 2522.</i>		
MUSC 4608	Choral Organization (1st Semester)	1 Credit
The choir studies and performs standard choral literature encompassing music from the pre-Baroque style to 20th century music and beyond. The choir makes appearances in support of the University. Senior level.		
MUSC 4609	Choral Organization (2nd Semester)	1 Credit
A continuation of MUSC 4608.		
MUSC 4611	Opera and Art Song Literature	2 Credits
A course in which students listen with scores to representative opera and art song selections from various historical periods. Alternate years.		
<i>Prerequisites: French and German</i>		
MUSC 4632	Advanced Keyboard Performance II	3 Credits
A continuation of Music 4536, Intermediate performance, and surveys of the piano repertoire from Romantics through 20th century (Romantic, Impressionistic and 20th Century). Classroom instruction is largely devoted to directed listening to the music. Reading assignments are given for outside work. This course is required prior to internship.		
<i>Prerequisite: MUSC 4536.</i>		
MUSC 4641	Senior Voice (Non-music Majors Only)	3 Credits
A continuation of MUSC 3641-3642. Concert repertoire and public performance required.		
MUSC 4642	Gospel and Spiritual Performance I	3 Credits
A two semester advanced course in religious music. The applied course will concentrate on familiar Negro gospel and spiritual songs. This course is prerequisite for all students expecting to intern in Sunday schools, Churches, or other institutions needing religious songs. (4642 and 4643 required before religious internship and passing jury examination).		
MUSC 4643	Gospel and Spiritual Performance II	3 Credits
The second part to gospel spiritual choral music. The course will concentrate on a collection of the “Standard” old songs, popular works of best known composers, of sacred songs, collection of Jubilee songs known as Spirituals, the rarest and prime favorites songs. This course is required for all students expecting to intern in Sunday schools, Churches, or other institutions needing religious songs.		
<i>Prerequisite: MUSC 4642</i>		

- MUSC 4644** **Applied Major Area—Voice (Music Majors Only)** **1 Credit**
A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of advisor.
- MUSC 4645** **Musical Theatre** **3 Credits**
This course explores the origins of the Musical Theatre in the United States and the African American Contribution to the American Musical. Students will learn the different forms of musical theatre and develop a full production, with orchestra, scenery, choreography and choral.
- MUSC 4690** **Senior Voice Performance** **3 Credits**
An advanced applied voice course requiring major performance in SSU productions. The course reinforces what as previously been taught. The course is designed to provide students with an understanding of the difference aspect of vocal performance.
Prerequisites: MUSC 3645 and 4643. 100 hours of practicum
- MUSC 4808** **Chamber Organization (1st Semester)** **1 Credit**
A course that involves the official percussion ensemble of Savannah State University which studies and performs chamber and ensemble music. The group performs at various functions on and off campus in support of the university. Senior level.
- MUSC 4809** **Chamber Organization (2nd Semester)** **1 Credit**
A continuation of MUSC 4808.
- MUSC 4999** **Seminar/Practicum/Internship** **3 Credits**
A senior level course with two components: 1) Off-campus, on-the-job observation and training with the students pursuing professional work in a variety of traditional and non-traditional careers appropriate to their academic program. An internship must be completed at 100 clock hours for 3 credits. 2). Students must have an understanding of the various kinds of research as well as knowledge in their field of concentration in preparation for graduate schools and vocational entry positions. Students must show competence and skills in their field of study, prepare for successful completion of the departmental exit examination, and prepare a marketable project in the field of study.
Prerequisite: completion of 30 credit hours in BFA major
- Political Science**
- POLS 1101** **American Government** **3 Credits**
A comprehensive study of the origins, principles, structures, processes, and practices of American government, emphasis on various perspectives on democratic theory and practice of governmental institutions.
- POLS 2101** **Introduction to Political Science** **3 Credits**
An introduction to the concepts, issues, and methods of the field of political science; emphasis on basic analytical skills, including research methods that will be important in subsequent course work.
Prerequisite: For upper level POLS courses for majors/minors
- POLS 2201** **State & Local Government** **3 Credits**
A study of the structure, powers, functions, and problems of state and local governments and their roles in the federal government system.
- POLS 2401** **Global Issues** **3 Credits**
An interdisciplinary approach to selected topics in contemporary societies, using the sociological, economic, geographic, and political perspectives; an opportunity to equip students to understand and meet the challenges of a rapidly changing world community.
- POLS 2601** **Introduction to Public Administration** **3 Credits**
An introduction to the field of management in the public, non-profit, and international sectors; an investigation of the growth and patterns of modern bureaucracies with a focus on the federal, state, and local governments in the United States; theories and practices with emphasis on administration processes, including organizational behavior, leadership, decision-making, budgeting, personnel administration, and policy development and implementations.

POLS 3101	International Politics	3 Credits
A survey of the basic factors that motivate international relations; an examination of the causes of war and the institutions and processes of conflict resolution.		
POLS 3102	Comparative Government & Politics	3 Credits
A study of the methods, political environment, political structures, participation and socialization, public policy processes of selected political systems.		
POLS 3121	International Law	3 Credits
A survey of the principles of international law relative to functions of states and other international entities, diplomatic relations, and laws of warfare, with special emphasis on the relationship between international law and politics. <i>Prerequisite: POLS 3101 or PSC 303</i>		
POLS 3131	International Organizations	3 Credits
A study of the origins and evolution of international organizations, with emphasis on the United Nations and specialized agencies; factors favoring and impeding their development and their effect on political, economic, and social issues. <i>Prerequisites: POLS 2101 or PSC 201, POLS 3101 or PSC 303</i>		
POLS/AFRS 3141	African Government & Politics	3 Credits
Introductory survey of political patterns, political processes, and political ideologies in Africa; an examination of the legacy of colonialism, process of modernization, and the problems of political instability. <i>Prerequisite: POLS 2101 or PSC 201</i>		
POLS 3201	American Judicial Process	3 Credits
An examination of the institutions and operations of the American judicial system, with emphasis on the national, state and local judiciaries.		
POLS 3211	American Constitutional Law	3 Credits
A study of the basic principles of the United States Constitution and powers of the national and state governments, examined through Supreme Court decisions. The course also examines constitutional protections of individual civil liberties and rights. <i>Prerequisite: POLS 1101 or PSC 200</i>		
POLS/AFRS 3221	Civil Rights & Liberties	3 Credits
An examination of personal liberties guaranteed by the United States Constitution, including freedom of speech, religion, assembly, petition, the rights of privacy, and the right against age, sex, race, or economic discrimination.		
POLS 3231	American Presidency	3 Credits
An introduction to the structure and behavior of the presidency; an examination of presidential elections, the organization of the office, and its relations to the other national political institutions.		
POLS 3301	Research Methods in Political Science	3 Credits
An introduction to the quantitative and qualitative techniques for measurement, analysis, and inference of political data. <i>Prerequisites: POLS 1101 or PSC 200 and POLS 2101 or PSC 201</i>		
POLS 3401	Administrative Law	3 Credits
A study of cases illustrating how the conduct of public officials is regulated. <i>Prerequisite: POLS 3211 or PSC 311</i>		
POLS 3501	Public Personnel Administration	3 Credits
An analysis of the methods and theories in personnel administration, including selection, training, promotion, performance evaluation, and disciplinary actions. Critical issues such as merit, affirmative action, organization, and employee strikes are examined. <i>Prerequisite: POLS 2601 or PSC 202</i>		
POLS 3511	Organization Theory & Behavior	3 Credits
An investigation into contemporary organization theory and problems, including the determinants of organization design, structure, and process; performance; and the interrelationship between organization and individuals within the organization. <i>Prerequisite: POLS 2601 or PSC 202</i>		

POLS/AFRS 3601 African-American Politics 3 Credits

An examination of black political movements, participation of African-Americans in the American political system, particularly the electoral process, the power structure in African-American communities.

Prerequisite: POLS 1101 or PSC 200

POLS 3701 Georgia Government & Politics 2 Credits

A survey of Georgia state and local governmental institutions, functions, and processes, including the behavior of political leaders.

Prerequisite: POLS 1101 or PSC 200

POLS 3801 Gender & Politics 3 Credits

An analysis of the interactions between gender roles and the political systems; emphasis on the impact of gender politics on socialization, leadership recruitment and political participation, policy-making, and health care research.

POLS 3811 Urban Politics 3 Credits

An examination of political patterns, political processes, political conflict in metropolitan areas; interrelationship between urban growth and change in political institutions, processes, and solutions to problems of large cities.

POLS 3901 Internship Credit Varies

An individually designed course/project involving off-campus study and research in a government or private agency; designed to require the full semester for completion; joint supervision of the sponsoring organization and the faculty advisor; credit arranged by the faculty advisor.

Prerequisite: Permission of the instructor

POLS 4000 Special Topics 3 Credits

Special topics course will allow for different courses to be offered based on various topics chosen by faculty members or resulting from student requests. This will allow for current issues to be addressed, as well as courses by visiting and adjunct faculty. The course will be taught as a regular course with several students attending the same classes and laboratories (if offered).

**Note - If a given special topic is offered more than once per two-year period, it will be submitted for formal approval through regular university procedures. A course outline and syllabus will be submitted to and approved by the department chair prior to scheduling of course.*

POLS 4911 Directed Independent Study 3 Credits

Independent study, on-line and print-based, is designed to offer the individual student an opportunity to explore subjects outside of the traditional classroom setting. The specific course requirements will be formulated by the student under the direction of a selected instructor who possesses expertise in the subject matter. A grade point average of 3.00 is required. Exceptions to the 3.00 average may be made for students under extenuating circumstances.

**Note - An independent study form must be signed by the instructor of record and the department chairperson prior to a student's enrollment in the course. A statement regarding the conditions and credit/semester limits under which the course may be repeated must be clearly stated in the DESCRIPTION (may not be enrolled for more than 9 credits).*

POLS 4101/ENVS 4121 Environmental Law 3 Credits

A study of the legal processes relating to resource conservation, utilization, and the monitoring, control, and abatement of pollution of air, land, and water.

POLS 4201 Political Theory 3 Credits

An examination of the theoretical approaches to the basic political concepts in their historical context.

Prerequisites: HIST 1101 or HIS 101, HIST 1102 or HIS 102; and POLS 2101 or PSC 201, permission of the instructor

POLS 4211 Contemporary Political Theory 3 Credits

An analytical review of the writing of great thinkers from the end of the Middle Ages to the present; emphasis on recent political ideologies.

Prerequisites: POLS 2101 or PSC 201, POLS 4201 or PSC 403

POLS 4221	American Political Thought	3 Credits
A study of origins and development of American political thought from the colonial period to the present, emphasis on black political thought and current liberal-conservative debate.		
POLS 4311	Legislative Process	3 Credits
An examination of the machinery and function of law making in the United States with emphasis on the United States Congress. <i>Prerequisite: POLS 1101 or PSC 200</i>		
POLS 4401	Politics of Less Developed Countries	3 Credits
An introduction and examination of the political systems of selected countries in Africa, Asia, Caribbean, and Latin America. <i>Prerequisite: POLS 3102 or PSC 304</i>		
POLS 4501	The Media & Politics	3 Credits
An examination of the role of the media in American politics; includes the media's impact on the electoral process and its role as a check on the president and other elected officials.		
POLS 4511	Public Policy	3 Credits
A study of how the federal government perceives public issues, processes them, and executes public policies; an examination of the various decision-making theories; emphasis on case studies. <i>Prerequisites: POLS 1101 or PSC 200 and POLS 2601 or PSC 202</i>		
POLS 4521	Party Politics & Voting Behavior	3 Credits
An analysis of the evolution, nature, and role of American political parties; an examination of each of the major party systems and the literature on voting behavior with emphasis on the problems and methods of studying voting.		
POLS 4601	American Foreign Policy	3 Credits
A survey of the objectives and the formulation of American foreign policy. <i>Prerequisite: POLS 1101 or PSC 200</i>		
POLS 4611	American National Security Policy	3 Credits
A study of organizations and processes involved in the formulation and execution of American national security policy; topics on nuclear strategy bureaucratic politics, and the programming and budgeting process. <i>Prerequisite: POLS 1101 or PSC 200 or permission of instructor</i>		
POLS 4901	Senior Seminar	3 Credits
An examination of selected topics in political science. Open only to senior majors. <i>Prerequisite: Permission of the instructor</i>		
Psychology		
PSYC 1101	Introduction to General Psychology	3 Credits
This introductory survey course explores the scientific study of human nature, behavior, and cognitive processes. The major areas of psychological study will be reviewed including history, biology, memory, learning, development, personality, abnormal and social psychology. Emphasis will be placed on applying psychological principles and data to life experiences.		
PSYC 2103	Human Growth & Development	3 Credits
An introductory, non-laboratory based examination of human development across the life span with an emphasis on normal patterns of physical, cognitive and social development.		
PSYC 3301	Social Psychology	3 Credits
A study of individuals and their social context, beginning with the study of the social behavior of animals and including human function in small groups, in societies, and in cross-cultural perspectives; attitudes, motives, and social perception will be emphasized. <i>Prerequisites: PSYC 1101</i>		

- PSYC 3311** **Group Process** **3 Credits**
 A utilization of group dynamics and counseling techniques to develop self-awareness and team-awareness in managing the problems, stresses, and challenges of life. The course is designed to identify dysfunctional patterns and to move toward more effective and creative modes of functioning in the work, family, and community settings.
Prerequisite: PSYC 1101
- PSYC 3401** **Test & Measurements** **3 Credits**
 An introduction to measurement which covers statistical methods, research designs and research problems and the administration and evaluation of psychological tests.
Prerequisite: PSYC 1101
- PSYC 4101** **Theories of Personality** **3 Credits**
 An exploration of the theoretical basis of personality with emphasis on structure, dynamics, personality, development, normal and deviant behavior, attitudes, beliefs, and opinions.
Prerequisites: PSYC 1101, 3301
- PSYC/AFRS 4311** **Psychology of the African-American** **3 Credits**
 An overview of contemporary topics in Black psychology, including self-concept, achievement, motivation, and the Black family.
Prerequisite: PSYC 1101
- PSYC 4501** **Humanistic Psychology** **3 Credits**
 A study of the individual and his relationship; individual perception, personality, motivation and self-esteem as the bases for individual self-actualization in relationships with other individuals, organization, and society.
Prerequisite: PSYC 1101
- PSYC 4601** **Diagnostic Psychology** **3 Credits**
 An examination of the traditions and controversies that arise in diagnosing psychiatric disorders, with specific attention to diagnostic principles, procedures, assessment, techniques, testing, and socio-cultural factors.
Prerequisite: PSYC 1101
- PSYC 4701** **Abnormal Psychology** **3 Credits**
 Covers the contemporary approach to the description and understanding of maladaptive and pathological human processes. The varieties of abnormal experiences and behavior will be presented and discussed. The study method will be used in providing a comprehensive review of current approaches to the recognition and categorization of mental disorders. Causes and treatment of psychopathology will be discussed.
Prerequisite: PSYC 1101, 4101
- Religious and Philosophical Studies**
- RPHS 2101** **Introduction to Philosophy** **3 Credits**
 The basic survey course of the field of philosophy. An introduction to logic, ethics, ontology, and religion, etc., as a basis for additional study in philosophy. Required for minors.
- RPHS 3101** **Philosophy & Psychology of Religion** **3 Credits**
 A study of philosophical concepts associated with religion and the psychology of the religious experience. Team-taught with a member of the Department of Social and Behavioral Sciences.
Prerequisite: RPHS 2101 or permission of the instructor
- RPHS 3102** **Philosophy & Psychology of Love** **3 Credits**
 A study of the nature of love, using philosophical as well as psychological sources.
Prerequisite: RPHS 2101 or permission of the instructor

RPHS 3103	Philosophy of Film	3 Credits
<p>This course is a study of major theoretical issues relating to film and the cinematic experience. We will focus our study on four central issues in film theory. 1) The relationship between the camera, the object filmed, and the object projected on the screen. What is it we see when we watch a film? To what extent is film realistic or expressionistic? 2) The voyeuristic character of the cinema. What has Freudian psychoanalysis contributed to the knowledge of the cinema? 3) The boundaries of time and space created by the film's image. Where does the film event occur? What is the context for the film event? 4) The film industry's relation to social conditions in America, through the depiction of men, women, minorities, and economic classes in the United States and around the world. How also does the economics of Hollywood affect the American aesthetic?</p> <p><i>Prerequisite: RPHS 2101 or permission of the instructor</i></p>		
RPHS 3111	Principles of Logic	3 Credits
<p>An introduction to the systematic study of reasoning from the time of Aristotle and Plato through such modern thinkers as Boole and Toulmin.</p> <p><i>Prerequisite: RPHS 2101 or permission of the instructor</i></p>		
RPHS 3121	The Bible as Literature (Also ENGL 3121)	3 Credits
<p>A critical survey of the various forms of literature in the Old and New Testaments.</p> <p><i>Prerequisite: ENGL 1102 or permission of the instructor</i></p>		
RPHS 3231	Introduction to Eastern Religions	3 Credits
<p>A study of the teachings of Taoism, Confucianism, Hinduism, and the various sects of Buddhism.</p> <p><i>Prerequisite: RPHS 2101 or permission of the instructor</i></p>		
RPHS 4211	Philosophies of the African-American Experience	3 Credits
<p>A study of philosophical analyses and reflections relevant to the experiences of African-Americans. Will consider works and ideas of such historical figures as W.E.B. Du Bois and Alain Locke and contemporary thinkers such as bell hooks.</p> <p><i>Prerequisite: RPHS 2101 or permission of the instructor</i></p>		
RPHS 4221	The Jewish & Islamic Traditions	3 Credits
<p>A study of religious thought as it has influenced the Old Testament, the New Testament, and the Koran.</p> <p><i>Prerequisite: RPHS 2101 or permission of the instructor</i></p>		
RPHS 4241	Ethics	3 Credits
<p>A survey of the various systems of ethics found in the world's religions and in the writings of the world's great philosophers, such as Confucius, Aristotle, Socrates, Mill, James, and Santayana.</p> <p><i>Prerequisite: RPHS 2101 or permission of the instructor</i></p>		
RPHS 4311	Mysticism	3 Credits
<p>A survey of the common threads of mysticism found in Hinduism, Buddhism, the Sufi sect of Islam, Christianity, and the literature of Persia, China, Japan, India, and western civilization.</p> <p><i>Prerequisite: RPHS 2101 or permission of the instructor</i></p>		
RPHS 4411	Philosophical Issues	3 Credits
<p>An exploration of such topics as the nature of being, freedom and determinism, language and meaning, the concept of beauty, and the mystery of death.</p> <p><i>Prerequisite: RPHS 2101 or permission of the instructor</i></p>		
RPHS 4601	Special Topics in Religion	3 Credits
<p>A study of topics of special interest to students and instructors. Subjects could include types of religious belief (such as indigenous religions of Africa and the Americas), approaches to religious thought or experience (such as feminist theology, mysticism, or transcendentalism), or topics that stimulate religious thinking (such as love, friendship, death, the nature of the soul, the nature of evil).</p> <p><i>Prerequisite: RPHS 2101 or permission of the instructor</i></p>		

Social Work

SOWK/SOCI 2101**Social Statistics****3 Credits**

An introduction to statistical methods relevant to sociological research, social work theory and practice, and the social sciences in general; the integration of user-friendly statistical software packages in the social sciences (e.g. CHIPPENDALE SHOWCASE)

SOWK 2200**Human Needs & Human Services****3 Credits**

This is the gateway course to the undergraduate Bachelor of Social Work (BSW) degree. It provides an introduction to human services and the profession of social work, including opportunities and career choices available to human services professionals. Students are exposed to the range of problems and social issues that require individuals and groups to seek help. This course clarifies perceptions of the profession and its organizational response to human needs. Students are afforded opportunities to interact with professional social workers. Required for the social work major, but open to all majors.

Prerequisite: Sophomore standing

SOWK 2205**History of Social Welfare & Social Policy****3 Credits**

This is the first course in the policy sequences. It provides an introduction to the historical significance of social values on the development of social welfare policies and programs. Concepts relative to social welfare developments are introduced. Students are introduced to beginning level assessment skills of social problems, social programs, and policy analysis.

Prerequisites: SOWK 2200 and admission to the major

SOWK 3101**Research Methods II****3 Credits**

This course enables students to understand and apply scientific thought and procedures to social work practice. Emphasis is on the research process and its relevance for social work practice (i.e., conducting a thorough literature review, conceptualizing and operationalizing variables, formulating hypotheses, developing tools of data collection, selecting techniques of data collection, conducting an analysis, and preparing a research report to enhance social work practice).

Prerequisites: SOWK 2101/SOCI 2101, 2205, 3201, 3305, and instructor permission

SOWK 3201**Human Behavior & the Social Environment I****3 Credits**

This first course in the human behavior sequence studies the bio-psycho-social, cultural and spiritual influences on the life cycle from pre-birth through adolescence. Emphasis is on understanding the interactions between individuals, groups, institutions and communities and their environments from various perspectives including a systems, ecological, strengths, diversity, and human development.

Restricted to social work majors.

Prerequisites: SOWK 2200 and admission to major

SOWK 3202**Human Behavior & the Social Environment II****3 Credits**

The second course in the human behavior sequence continues the examination of the bio-psycho-social, cultural and spiritual influences on the life cycle from late adolescence/early adulthood through old age and death. Emphasis is on understanding the interactions between individuals, groups, institutions and communities and their environments from various perspectives including a systems, ecological, strengths, diversity, and human development. Restricted to social work majors.

Prerequisites: SOWK 2205, 3201, 3305

SOWK 3220**Human Diversity & Social Work Practice****3 Credits**

This course offers a critical analysis and understanding of social work practice with client populations from diverse backgrounds (i.e., social class, culture, geography, disability, gender, age, sexual orientation, among others). Course content emphasizes the use of self-awareness as a tool used to enhance cultural competency skills for generalist practice. Restricted to social work majors.

Prerequisite: SOWK 2200 and admission to major

SOWK 3305**Introduction to Social Work Practice****3 Credits**

This course, the first of four methods courses in the practice sequence, introduces students to the professional practice of social work. Course content includes the history of the development of social work as a profession including social upheavals and the influence of social movements on service delivery. This course provides a survey of different approaches to the delivery of social services especially from a medical to a participatory empowerment model. The problem-solving method, various field settings in which social work is practiced and interviewing as a skill are introduced. Students are expected to complete volunteer service in an approved human service agency. Restricted to social work majors.

Prerequisite: SOWK 2200 and admission to major

- SOWK 3340** **Interventive Methods I** **3 Credits**
 This second course in the practice sequence is designed to assist students in developing interpersonal skills clients at the micro and mezzo levels of generalist practice. Students develop personal skills and enhance their self-awareness using various methods of interventions applied via case studies, role plays, logs and other forms of demonstrations. Restricted to social work majors.
Prerequisites: SOWK 2205, 3201, 3305
- SOWK 3341** **Interventive Methods II** **3 Credits**
 This third course in the practice sequence is taken in conjunction with the first field practicum sequence course SOWK 4701. The course focuses on practice approaches, problem solving, and intervention modalities using the systems perspective at the mezzo level of generalist practice. Restricted to social work majors.
Prerequisites: SOWK 3340; Co requisites: SOWK 4701, 4901
- SOWK 3342** **Interventive Methods III** **3 Credits**
 The final course in the practice sequence emphasizes macro level interventions with large entities such as institutions, organizations, communities, and neighborhoods, rural and urban, nationally and internationally. Utilizing multiple roles of the generalist worker and integrating knowledge from social policy, students learn to be data gatherers, analysts, consultants, mobilizers, advocates, activists, leaders, and promoters of social justice as they implement corrective methods to system dysfunctions and attendant problems on people's lives. Methods III is taken in conjunction with the final field practicum course SOWK 4702. Restricted to social work major.
Prerequisites: SOWK 2205, 3201, 3202, 3305, 3340, 3341; Co requisites: SOWK 4702, 4902
- SOWK 4106** **Social Work with Families & Children** **3 Credits**
 A course designed to give social work majors comprehensive exposure and a historical perspective to the concept of family and child welfare (FCW) as a societal concern and as an area of practice in social work. The course analyzes social policies and service delivery relevant for families and children. This is the first of two courses required for BSW Title IV-E Child Welfare recipients. This is an elective course for non IV-E social work students and other interested majors.
Prerequisites: Junior standing or consent of instructor
- SOWK 4201** **Gerontological Social Work** **3 Credits**
 This course offers an overview of social work theory and practice on aging and older adult populations. Emphasis is placed on the bio-psycho-social, cultural, spiritual, economic, and health needs of the elderly with particular attention to policies, programs, and intervention strategies of intervention that meet the needs of the older adult population. Elective course open to all majors at junior level and above.
Prerequisites: Junior standing or consent of instructor
- SOWK 4301** **Substance Abuse Intervention Strategies** **3 Credits**
 A survey of issues, personality factors, physiological and psychological effects, and treatment processes associated with substance abuse. Emphasis is on the specific effects of different drug classifications; understanding drug cultures; women, children, elderly and ethnic group addiction; and co-dependency and enabling. Open to all majors at junior level and above.
Prerequisites: SOWK 2205, 3201, 3305, or instructor permission
- SOWK 4410** **Implementation of Social Welfare Policies** **3 Credits**
 The second course in the policy sequence provides students with critical analytical and assessment skills essential to understanding the purpose and function of social policy. Students are required to analyze several policies. Restricted to social work majors.
Prerequisites: SOWK 2205, 3201, 3202, 3340
- SOWK 4510** **Crisis Intervention** **3 Credits**
 An examination of the theories and techniques of short-term intervention and subsequent referral procedures. Topics include suicide, battering, HIV/AIDS, rape, death, dying, and communities experiencing disasters such as hurricanes, flood, and air crashes. Elective course open to all interested majors.
Prerequisites: SOWK 2205, 3201, 3305
- SOWK 4701** **Field Experience I** **6 Credits**
 This is the first of a two-part senior field practicum sequence. Students are assigned to social service agencies (field placement) to observe and engage in generalist social work practice. Students are provided opportunities to apply social work knowledge, values, and skills acquired in the classroom to social service delivery systems under structured supervision with a professional social worker. Student interns must complete 20 hours per week for a total of 300 field practicum hours. Restricted to social work majors.
Prerequisites: Completion of the Liberal Arts Core, the BSW foundation content (SOWK 2205, 3101, 3102, 3201, 3305, 3340, senior standing and passing of the Regents' Examination); Co requisites: SOWK 3341, 4410

SOWK 4702**Field Experience II****6 Credits**

This is the second course in the senior field practicum sequence. Students typically continue their assigned field placement from SOWK 4701 and are expected to apply advanced generalist techniques. Integration of social work knowledge, values, and skills is strengthened as students move towards greater independent practice in their field placement. Students must complete 20 hours per week for a total of 300 field practicum hours. Restricted to social work majors.

Prerequisites: SOWK 3341, 4701, 4901; Co requisites: SOWK 3342, Senior Standing

SOWK 4901**Senior Seminar I****3 Credits**

This is part one of a two-semester capstone course for the BSW major. This course is an integrative reflective experience for students as they approach the end of their BSW studies. Students utilize social work ethics and values as central themes to guided discussions, group exercises, and written assignments designed to facilitate and insure the integration of social work methods, knowledge, and skills for effective generalist practice. Students prepare for final senior exit requirement as determined by the department. Restricted to social work majors enrolled in SOWK 4701.

Prerequisite: Senior standing; Co requisites: SOWK 3341, 4701

SOWK 4902**Senior Seminar II****3 Credits**

This is part two of the sequence capstone course for the BSW major. Students are required to complete a major presentation of their field practicum experience, which they will orally defend, integrating a generalist understanding of social work. The course outcomes should reflect the student's perspective on social work practice and should include their BSW experience in terms of social work core course, electives, volunteer experiences, field practica, class discussions, and professional meetings and conferences. Restricted to social work majors.

Prerequisite: SOWK 4901; Co requisites: SOWK 3342, 4702

SOWK 5501**Law, Race & Poverty in the Welfare of Children****3 Credits**

This course is required for BSW senior social work majors and MSW 1st Year students who are Title IV-E Child Welfare recipients. The course focuses on differential application of law on child welfare issues and the interventions of human service workers. Emphasis is on child abuse and neglect, separation and loss, foster care, kinship care, the courts and legal issues related to decision-making.

Prerequisites: Senior status or instructor permission

SOWK 6000**Special Topics****3 Credits**

Special topics course will allow for different courses to be offered based on various topics chosen by faculty members or resulting from student requests. This will allow for current issues to be addressed, as well as courses by visiting and adjunct faculty. The course will be taught as a regular course with several students attending the same classes and laboratories (if offered). If a special topic is offered more than once per two-year period, it will be submitted for formal approval through regular university procedures. A course outline and syllabus will be submitted to and approved by the department chair prior to scheduling of course.

Prerequisite: Consent of instructor

SOWK 6100**Independent Study****3 Credits**

Independent Study, on-line and print-based, is designed to offer the individual student an opportunity to explore subjects outside of the traditional classroom setting. The specific course requirements will be formulated by the student under the direction of a selected instructor who possesses expertise in the subject matter. A grade point average of 3.00 is required. Exceptions to the 3.00 average may be made for students under extenuating circumstances.

An independent study form must be signed by the instructor of record and the department chairperson to a student's enrollment in the course. A statement regarding the conditions and credit/semester limits under which the course may be repeated must be clearly stated in the DESCRIPTION (may not be enrolled for more than 9 credits).

Prerequisites: Consent of instructor with approval of Department Chair

Sociology**SOCI 1101****Introduction to Sociology****3 Credits**

An analysis of contemporary society and North American culture and its major institutional forms (the family, religion, education, economic and political systems).

SOCI 1160	Social Problems	3 Credits
A survey and analysis of social problems, their interrelationships and linkage to social institutions in contemporary North American society.		
SOCI/SOWK 2101	Social Statistics	3 Credits
An introduction to statistical methods relevant to sociological research, social work theory and practice, and the social sciences in general; the integration of user-friendly statistical software packages in the social sciences (e.g. CHIPPENDALE SHOWCASE).		
SOCI 3101	The Family	3 Credits
A study of the role of the family in the development of the individual family formation and disintegration, cross-cultural and sub-cultural variations in family structure and experience, and the future of the family. <i>Prerequisite: SOCI 1101</i>		
SOCI 3122	Sociology of Poverty	3 Credits
This course examines theories on the causes of poverty and provides an examination of empirical studies concerning the trends and determinants of poverty.		
SOCI 3201	Classical Theory	3 Credits
This course will focus on the pivotal theories contributed not only to the development of the field of sociology but also to the evolution of ideas concerning social life. <i>Prerequisite: SOCI 1101</i>		
SOCI 3219	Deviance & Conformity	3 Credits
This course will introduce students to the various theories, concepts and forms of deviant behavior.		
SOCI 3301	Sociology of Aging	3 Credits
This course examines aging, including ageism, the changing roles and relationships of elders in society as well as theories and concepts of aging.		
SOCI/SOWK 3401	Social Research Methods	3 Credits
The methods and techniques of social science research, research design, methods of data gathering and analysis, sampling and survey research techniques, and interpretation and presentation of research findings. <i>Prerequisite: SOCI 2101</i>		
SOCI 3425	Sex, Roles & Gender	3 Credits
This cross examines the evolutionary and cross-cultural analysis of sex roles in human societies with a special focus on the relative status of women. <i>Prerequisite: SOCI 1101</i>		
SOCI/AFRS 3611	Minorities & the Social Environment	3 Credits
An examination of the problems faced by minority groups in American society, especially where skin color and language pose social, cultural, and economic barriers; an examination of conflicts between dominant public attitudes and minorities, and among minority groups such as Black Americans, Puerto Ricans, Native Americans, Chicanos, and other sizable ethnic groups. <i>Prerequisite: SOCI 1101 or SOCI 1150</i>		
SOCI 3621	Demography	3 Credits
An examination of social, economic, political, and environmental factors as they relate to population growth, composition, and distribution. The course considers how population change affects the structure and organization of societal institutions and focuses on basic demographics analysis as well as on past and current population trends and issues. <i>Prerequisite: SOCI 1101</i>		

SOCI 3631	Urban Sociology	3 Credits
A sociological study of the city, its growth, characteristics, and problems in the United States and elsewhere; an introduction to the literature, empirical data, and research on the urban phenomenon. The course provides conceptual clarity and understanding of the urban and urbanization process.		
SOCI 3651	Sociology of Religion	3 Credits
The analysis of religion as a social institution and cultural phenomenon; cross-cultural studies of religious belief; symbol and ritual; the role and future of religion in secular society.		
SOCI 3901	Internship	Credit Varies
An individual-designed project involving off-campus study, research, and where applicable, work in a public or private agency; supervised by the sponsoring agency and faculty advisor; a stipend may be arranged for some work-related projects.		
SOCI 4101	Individual Study & Independent Research	3 Credits
Independent reading or research in selected areas of sociological interest; supervised by a department member.		
SOCI 4111	Criminology	3 Credits
An investigation of crime and the criminal in modern, especially, urban society; a sociological examination of the causes of crime, its impact on major social institutions, methods of treatment, and preventive programs.		
SOCI 4135	Sociology of Law	3 Credits
This course will also examine work of theorists who proposed and popularized various concepts, theories, and paradigms relevant to the study of law and society.		
SOCI 4311	Juvenile Delinquency	3 Credits
This course is designed to provide students with an overview of the social dimensions of juvenile delinquency, its nature, extent, distribution, prevention and control.		
SOCI 4312	Contemporary Theory	3 Credits
An examination of the contemporary and classical theoretical models in sociology; an investigation of the development of social thought from the Afro centric and the Euro centric perspectives. <i>Prerequisite: SOCI 1101</i>		
SOCI 4421/AFRS 4421	Seminar on the African-American Experience	3 Credits
A study of historic and current trends in selected sociological frames of reference of experiences encountered by Black people in the United States; emphasis on social movement and social change, urban life, institutional forms (family, religion, education), and political and economic struggles and achievements.		
SOCI 4901	Senior Seminar	3 Credits
A comprehensive review of sociological concepts, theories, and topics, including research methodology and statistical concepts. Students interested in pursuing graduate study in sociology are encouraged to enroll in this course. <i>Prerequisite: SOCI 3401 or permission of the instructor</i>		

Speech

- SPEH 1101** **Principles of Speech** **1 Credit**
 Study and practice in speech preparation and delivery. Elements of speech production, types of speeches, and oral interpretation are emphasized. Fall and Spring. **(3-0-3)**
Prerequisite: Sophomore standing
- *SPEH 2101** **Voice and Diction** **3 Credits**
 Study and practice in effective voice production, with emphasis upon breath control, posture, articulation and pronunciation. Fall. **(3-0-3)**
- *SPEH 2111** **Oral Interpretation** **3 Credits**
 Intensive study and practice in the oral interpretation of poetry, prose, and drama. Individual activity primarily emphasized. Fall. **(3-0-3)**
- SPEH 4101** **Advanced Speech** **3 Credits**
 A course emphasizing self-improvement in all phases of diction and delivery and providing experience in various speaking situations.
Prerequisite: SPEH 1101

Theatre

- THEA 2101** **Introduction to Theatre** **3 Credits**
 Focus on the components of theatre, its past and present history, its major shapers and movers, and how to develop an appreciation of the theatre experience. For non-theatre minors. Fall and Spring. **(3-0-3)**
- THEA 2601** **Stagecraft** **3 Credits**
 A course on backstage equipment, how to use it to maximum effort with safety, speech, and efficiency, THEA 2601 will focus on the practical aspects of lighting and production. Students will work with a variety of equipment available to meet the lighting demands of a production.
- THEA 3004** **Scene Design** **3 Credits**
 An exploration and investigation of scenic design. The course will explore and analyze modern scenic elements used in the various play genres. The art and skills required in designing scenery are explored in detail. This includes the developing models, plans, and color schemes for student productions.
- THEA 3101** **Acting I** **3 Credits**
 Designed to teach performers the basic fundamentals and techniques of acting. Students learn to control the body's creative energy by participating in exercises as solo acting, duo acting and basic audition.
- THEA 3122** **Movement I** **3 Credits**
 An introduction course to stage movement and kinetic practice and intentions.
- THEA 3123** **Movement II** **3 Credits**
 A continuation of Movement I, Movement II covers the basic principles for developing fitness and examines the means by which one becomes an actress through improvisation, scene study and improvising play.
Prerequisite: THEA 3122
- THEA 3125** **Stage Make Up & Costumes** **3 Credits**
 A systematic study of form, line, balance, tone, shade, value and pattern with reference to the human form and its costume. The basic principles and practice in make-up, stage, screen, and television are used. Students will practice in using cosmetics, wigs, hairpieces, and facial prosthetics and masks.
- THEA 4051** **Black American Theatre & Performance** **3 Credits**
 Will cover significant development in the American Black Theatre since 1900 as reflected through the major playwrights and theatre organizations.
- THEA 4055** **Theatre History I** **3 Credits**
 Covers theatre history, dramatic literature and theory from Italian to the Pre-Algden era. The physical theatre and culture of the period will be studied as they affect the theatre of each period.

THEA 4101

Acting II

3 Credits

A laboratory class providing practical experiences within the area of acting as demonstrated in Acting I. Students enrolled in this class are required to complete one modern scene study assignment for production and one complete audition that entails two contrasting monologues. This course works toward a culminating activity, which is a one-act modern play to be performed for jury.

Prerequisite: THEA 3101

THEA 4103

Advanced Acting/TV/Cinema

3 Credits

Offers advanced work in special problems of applying acting techniques to the demands of modern media. Practicum experience is designed for television and cinema. The course leads the actor/student to a finished mini-production of either a television or film project.

THEA 4104

Acting III

3 Credits

Studies the problems and techniques in periods and styles through intensive scene study and performance of Greek, Shakespearean and Romantic works.

Prerequisites: THEA 4101, 4103

THEA 4105

Playwriting

3 Credits

A laboratory course that explores dramatic writing including study and practice in writing for the modern stage. This course will be conducted upon the principles of critical readings, script analysis, and dramatic genres.

THEA 4111

Performance/Production/Management

3 Credits

Permits the student to learn through theatre production, marketing strategies, front of house duties, fundraising and proposal writing, and the roles and responsibilities of a producer.

THEA 4201

Auditioning and Directing

2 Credits

Explores elementary principles of stage plays, practice work in directing and auditioning, and one-act plays; attention is given to the principles of selecting, casting, and rehearsing of plays through exercises, lectures, and demonstrations.

Prerequisite: completion of 18 credits hours in Concentration area

College of Sciences and Technology

Freshman Year Experience

COST 1103 **Freshman Year Experience** **2 Credits**
 This course is designed to assist students in the academic and social transitions associated with college life. The development of specific success skills such as financial literacy, time management, note-taking and study strategies, critical thinking, effective communication, and career and academic guidance activities will be included in this class.

Astronomy

ASTR 1010 **Introduction to Astronomy** **3 Credits**
 This is a one-semester introduction course to astronomy. Some of the topics to be covered include: sun, planets and moons; origin of the solar system; nature and evolution of stars; exploding stars; stellar remnants, including white dwarfs, neutron stars, and black holes; molecules in space; galaxies and quasars; past and future of the Universe; and life in the Universe. A field trip to the Planetarium may be required.
Prerequisites: ENGL 0099, READ 0099, and MATH 0099

Biology

BIOL 1001 **Introduction to Life Science** **1 Credit**
 Introduction to the biological sciences, career exploration, and the responsibilities of professionals in these careers. **(1-0-1)** Freshman elective course for Biology Major.

BIOL 1103 **General Biology** **3 Credits**
 Chemistry of life cell structure and function, metabolism, cellular respiration, photosynthesis, plant and animal organization and growth, origin and evolution of life, ecosystems, and the biosphere. **(3-0-3)**

BIOL 1103L **General Biology Lab** **1 Credit**
 Lab taken concurrently with BIOL 1103. **(0-2-1)**

BIOL 1104 **Human Biology** **3 Credits**
 Human organization, functions of various organ systems in humans, development, the biosphere and inheritance; human population concerns. **(3-0-3)**

BIOL 1104L **Human Biology Lab** **1 Credit**
 Lab taken concurrently with BIOL 1104. **(0-2-1)**

BIOL 1107 **Principles of Biology I** **4 Credits**
 Introduction to broad themes in biology, with emphasis on chemistry and origin and evolution of life, metabolic diversity and regulation, cell structure and function, classical genetics, macromolecular synthesis (including proteins), recombinant DNA, and biotechnology. **(3-0-3)**
Prerequisites: CHEM 1211 (For biology, marine science and environmental science majors)

BIOL 1107L **Principles of Biology I Lab** **1 Credit**
 Lab taken concurrently with BIOL 1107. **(0-2-1)**

BIOL 1108 **Principles of Biology II** **4 Credits**
 Introduction to organismal and developmental biology; structure and physiology of plants and animals relative to their evolution and adaptation to different environments, classification, comparative and diverse adaptations in the biological kingdoms, neural and endocrine control processes, and immunology. **(3-0-3)**
Prerequisites: CHEM 1212 and BIOL 1107

BIOL 1108L **Principles of Biology II Lab** **1 Credit**
 Lab taken concurrently with BIOL 1108. **(0-2-1)**

BIOL 1401	Introduction to Biological Chemistry	2 Credits
Basic principles and concepts of biology, life and living organisms, basic and applied biology, and an overview of the interface between biology and chemistry.(2-0-2)		
BIOL 2515K	Human Anatomy & Physiology I	4 Credits
Gross anatomy, histology and physiology of human organ systems (Not for biology majors; Non-majors course intended for health profession students). (3-3-4) <i>Prerequisite: BIOL 1103 or BIOL 1104 or CHEM 1211 or consent of instructor</i>		
BIOL 2516K	Human Anatomy & Physiology II	4 Credits
A comprehensive study of the structure, location and functions of the organs and systems of the human body. Gross anatomy, histology, micro and macroscopic studies of organs especially nervous, musculo-skeletal, endocrine and reproductive systems. (3-2-4) <i>Prerequisite: BIOL 2515K</i>		
BIOL 3000	Laboratory Techniques for Medical Science	3 Credits
Procedures involved in urinalysis, hematology, blood-banking, parasitology, and tissue examination. (1-4-3) <i>Prerequisite: BIOL 1108</i>		
BIOL 3101	General Botany	3 Credits
An introduction to general principles of plant life with special emphasis given to cellular organization, anatomy, physiology, inheritance, taxonomy, and modern aspects of plant science, such as plant biotechnology and genetic engineering.(3-0-3) <i>Prerequisite: BIOL 1108</i>		
BIOL 3101L	General Botany Lab	1 Credit
Lab taken concurrently with BIOL 3101.(0-2-1)		
BIOL 3201	Molecular and Cell Biology	3 Credits
An overview of eukaryotic cells, with an emphasis on animal cells.Analysis of the anatomy and physiology of cells and subcellular components, including molecular biochemical and evolutionary perspectives.(3-0-3) <i>Prerequisites: CHEM 1212 and BIOL 1108</i>		
BIOL 3201	Molecular and Cell Biology Laboratory	1 Credit
Lab taken concurrently with BIOL 3201. (0-2-1)		
BIOL 3211	Zoology	3 Credits
A study of major phyla of invertebrate animals, morphology, physiology, life histories, and taxonomic relationships of selected representatives of groups and an intense survey of the morphology, taxonomy, physiology, behavior, and ecology of the chordates, with attention given to basic principles and theories. (3-0-3) <i>Prerequisite: BIOL 1108</i>		
BIOL 3211L	Zoology Lab	1 Credit
Lab taken concurrently with BIOL 3211.(0-2-1)		
BIOL 3301	Genetics	3 Credits
The principles of genetic analysis and the nature of genes.Discussion of the chromosomal and the molecular basis of transmission, replication, mutation, and expression of heritable characteristics.Includes modern developments in genetics, such as the physical nature and fine structure of the gene, its relationship to proteins, protein synthesis, growth, and differentiation and regulation of gene function. (3-0-3) <i>Prerequisite: BIOL 1108</i>		
BIOL 3301L	Genetics Lab	1 Credit
Lab taken concurrently with BIOL 3301.(0-2-1)		
BIOL 3321	Microbiology	3 Credits
Introduction to origin, diversity, anatomy, and physiology of microorganisms; principles of immunology; environmental and applied microbiology.(3-0-3) <i>Prerequisite: BIOL 1108</i>		

BIOL 3321L	Microbiology Lab	1 Credit
Lab taken concurrently with BIOL 3321.(0-2-1)		
BIOL 3401	Ecology & Evolutionary Biology	3 Credits
Mechanisms of evolution in relation to the genetics of plants, animals, and man; speciation and natural selection; ecological processes in the development, structure, and organization of biomes; biogeography; population ecology; communities, and ecosystems; species interactions; and the evolution of behavior. (3-0-3)		
<i>Prerequisite: BIOL 1108</i>		
BIOL 3401L	Ecology & Evolutionary Biology Lab	1 Credit
Lab taken concurrently with BIOL 2401.		
BIOL 3501	Animal Behavior	3 Credits
Ethological approach to animal behavior; physiological, ontogenetic, and phylogenetic causes and adaptive significance of behavior are examined. Principles of animal behavior are studied, emphasizing social organization, communication, and genetic development. (3-0-3)		
<i>Prerequisite: BIOL 1108</i>		
BIOL 3501L	Animal Behavior Lab	1 Credit
Lab taken concurrently with BIOL 3501.(0-2-1)		
BIOL 3511	Vertebrate Anatomy	3 Credits
Comparative studies of structures, across the vertebrate phylum.Includes analysis of evolutionary changes in vertebrates.(3-0-3)		
<i>Prerequisite: BIOL 1108</i>		
BIOL 3511L	Vertebrate Anatomy Lab	1 Credit
Lab taken concurrently with BIOL 3511.(0-2-1)		
BIOL 3601K	Biocomputing	4 Credits
An introduction to a broad range of computational tools and methods, which can be used to solve biological and statistical problems.Emphasis on computational analysis of nucleic acid and protein structure, and structure-function relationships.(3-2-4)		
<i>Prerequisites: CSCI 1130 and BIOL 1108</i>		
BIOL 3621	Urban Health & Hygiene	3 Credits
An introduction to a variety of environmental and occupational health hazards of an urbanized society. Covers biological and health effects of environmental pollutants, disease vectors, food and housing sanitation, and principles of industrial hygiene. Social and psychological stresses environmental health planning and management are also discussed. (3-0-3)		
<i>Prerequisite: Junior standing</i>		
BIOL 3701	Bioethics	1 Credit
A course designed to promote responsible conduct of science. Topics covered include scientific integrity, misconduct in science, conflict of interest, plagiarism, informed consent, data management, animal welfare, laboratory safety, responsible authorship, intellectual property, copy rights and patents. (1-0-1)		
<i>Prerequisite: Instructor's approval</i>		
BIOL 3801	Animal Physiology	3 Credits
A study of vertebrate systemic physiological processes. Topics covered are bioenergetics, temperature regulation, endocrine control mechanisms; digestive, urinary, cardiac, respiratory, excretory, and reproductive systems; membranes; and neurophysiology. (3-0-3)		
<i>Prerequisite: BIOL 3201</i>		
BIOL 3801L	Animal Physiology Lab	1 Credit
Lab may be taken concurrently with BIOL 3801. (0-2-1)		
BIOL 4201	Toxicology	3 Credits
General principles of toxicology, testing procedures, target organs, toxic substances, and risk assessment. Emphasis is on the mechanisms involved in chemical carcinogenesis, mutagenesis, and teratogenesis. (3-0-3)		
<i>Prerequisites: BIOL 1108 and CHEM 3511</i>		

BIOL 4211	Reproductive Biology	3 Credits
Comparative anatomy, physiology, and endocrinology of male and female reproductive systems with emphasis on gametogenesis, early embryonic development, and mechanisms of birth control in humans. (3-0-3) <i>Prerequisite: BIOL 3201</i>		
BIOL 4211L	Reproductive Biology Lab	1 Credit
Lab taken concurrently with BIOL 4211. (0-2-1)		
BIOL 4270	Mycology	3 Credits
Ecology, physiology systematics, development of microfungi and organisms of general, industrial, and economic importance. (3-0-3) <i>Prerequisite: BIOL 3321</i>		
BIOL 4270L	Mycology Lab	1 Credit
Lab taken concurrently with BIOL 4270. (0-2-1)		
BIOL 4301	Biotechnology-An Overview	3 Credits
An overview of principles and techniques involved in biotechnology. The impact of biotechnology on mankind, with reference to its applications in agriculture, medicine, horticulture, forestry, fisheries, and environmental protection is discussed. (3-0-3) <i>Prerequisites: Any one of the following or its equivalent-BIOL 2201, 3301, CHEM 4101</i>		
BIOL 4301L	Biotechnology-An Overview	1 Credit
Lab taken concurrently with BIOL 4301. (0-3-1)		
BIOL 4411	Genetic Engineering Technology I	3 Credits
A basic understanding of molecular biology and its applications. Concepts and principles of recombinant DNA technology, its relevance to generic engineering, and its uses in basic and applied biology. Molecular mechanisms of gene transfer, integration and expression of foreign gene(s) in target tissues/organisms. (3-0-3) <i>Prerequisite: Any one of the following or its equivalent-BIOL 2201, 3301, 4301, CHEM 4101</i>		
BIOL 4411L	Genetic Engineering Technology I Lab	1 Credit
Lab taken concurrently with BIOL 4411. (0-3-1)		
BIOL 4412	Genetic Engineering Technology II	4 Credits
Principles and applications of biotechnology/molecular biology laboratory methods. Use recombinant DNA technology, gene transfer, regeneration of transgenics, analysis of transgene expression and other related techniques in biotechnology/molecular biology research. (1-5-4) <i>Prerequisites: BIOL 4301 or 4411, junior standing and the consent of the instructor</i>		
BIOL 4601	Neuroscience	3 Credits
A study of neural function from the cellular through the behavioral levels. Analysis of neural structures and functions from the perspectives of electrophysiology, neurotransmitter mechanisms and pharmacology, neural networks, and comparative neuroanatomy. (3-0-3) <i>Prerequisites: BIOL 3201; 3511</i>		
BIOL 4601L	Neuroscience Lab	1 Credit
Lab taken concurrently with BIOL 4601. (0-2-1)		
BIOL 4611	Developmental Biology	3 Credits
The study of organismal development, with an emphasis on animal systems. Course will include an analysis of genetic and hormonal factors during embryonic differentiation, with a perspective on phylogenetic relationships. (3-0-3) <i>Prerequisites: BIOL 3201, 3301, and 3511</i>		
BIOL 4611L	Developmental Biology Lab	1 Credit
Lab taken concurrently with BIOL 4611. (0-3-1)		

BIOL 4631	Endocrinology	3 Credits
Physiology of the endocrine glands and their control of metabolism and reproductive cycles.(3-0-3) <i>Prerequisites: BIOL 3201 and 3801</i>		
BIOL 4631L	Endocrinology Lab	1 Credit
Lab taken concurrently with BIOL 4631.(0-2-1)		
BIOL 4641	Parasitology	3 Credits
General principles of parasitism; classification, morphology, and life cycle of parasites of vertebrates, and immunoparasitology.(3-0-3) <i>Prerequisite: BIOL 1108</i>		
BIOL 4641L	Parasitology Lab	1 Credit
Lab taken concurrently with BIOL 4641.(0-2-1)		
BIOL 4651	Physiological Chemistry	3 Credits
Advanced biological chemistry, emphasizing intermediary metabolism, and regulation of metabolic pathways. New developments in metabolism, role of enzymes and enzyme kinetics involving chemistry of liver, kidney, respiratory functions will be stressed. (3-0-3) <i>Prerequisite: BIOL 3201</i>		
BIOL 4651L	Physiological Chemistry Lab	1 Credit
Lab taken concurrently with BIOL 4651.(0-2-1)		
BIOL 4681	Immunology	3 Credits
Introduction to the study of infection and immunity in disease, cell-mediated and humoral immunity, immunological methods, and immunochemistry.(3-0-3) <i>Prerequisites: BIOL 3201, 3321</i>		
BIOL 4681L	Immunology Lab	1 Credit
Lab taken concurrently with BIOL 4681.(0-2-1)		
BIOL 4701	Molecular Genetics	3 Credits
A study of molecular basis of inheritance with emphasis on the chemical nature of the gene, DNA replication, transcription, translation, and regulation of gene expression. The practical aspects include gene cloning, sequencing, and other recombinant techniques. (3-0-3) <i>Prerequisite: BIOL 3301</i>		
BIOL 4701L	Molecular Genetics Lab	1 Credit
Practical laboratory exercises in gene cloning, sequencing and other recombinant DNA techniques. (0-2-1)		
BIOL 4711	Molecular Biology	3 Credits
Detailed analysis of structure and ultrastructure of the cell; biochemistry, biophysics, physiology, and molecular genetics.(3-0-3) <i>Prerequisites: CHEM 3501, BIOL 2201 and 3301</i>		
BIOL 4711L	Molecular Biology Lab	1 Credit
Lab taken concurrently with BIOL 4711.(0-2-1)		
BIOL 4901	Senior Seminar	1 Credit
This course will provide instruction on researching and presenting a review of an area of specialized knowledge relevant to the students program of study. Students will produce written and oral reports that summarize the material. If the student is also required to complete Senior Research/Internship (4902), then the research work should be planned as part of the reports. (1-0-1) <i>Prerequisite: Completion of 3000 level of core curriculum</i>		
BIOL 4902	Senior Research/Internship	1-3 Credits
A research project under faculty supervision, which includes researching the background on a given problem, defining a hypothesis, and planning and executing experiments. A written report/manuscript and oral presentation are required. (1-2-2) <i>Prerequisites: Completion of 3000 level of core curriculum, BIOL 4901 (may be concurrent enrollment), and consent of faculty advisor</i>		

BIOL 4903 **Senior Research II** **1-3 Credits**
 This class is intended as a continuation of research or internship activities from 4902. Consent of instructor and the faculty advisor are required.
Prerequisite: Completion of 300 level core curriculum, 4901 and 4902 (may be concurrently enrolled in 4902 and consent of faculty advisor)

BIOL 4930 **Senior Synthesis** **2 Credits**
 A review of academic training in preparation for transition to the next professional level. Students will enroll in this course within 2 semesters of degree completion. Students will review degree material and complete the department Exit Exam. A passing grade on the Exit Exam is required to pass the class. Graduate training and career options will also be explored. **(2-0-2)**
Prerequisite: Completion of 3000 level of core curriculum

Chemistry

*Note: Unless otherwise noted, lecture courses meet three hours each week and carry three semester hours credit. Laboratory courses meet four hours each week and carry one semester hour credit. Courses marked with an * cannot be used to satisfy the requirements for major in chemistry.*

CHEM 1101K* **Introductory Chemistry** **4 Credits**
 Introduction to chemistry for non-science majors. Topics to be covered include atomic structure, periodicity, and chemical processes in the natural world. Laboratory exercises will supplement lecture material. **(3-3-4)**

CHEM 1115* **Chemical Calculations** **3 Credits**
 Introduction to the use of mathematics to solve chemical problems encountered in CHEM 1211 and 1212. **(3-0-3)**

CHEM 1211 **Principles of Chemistry I** **3 Credits**
 First course in a two-semester sequence covering the fundamental principles and applications of chemistry. This course covers composition of matter, stoichiometry, periodic relations, and nomenclature. **(3-0-3)**
Prerequisite: All students are required to take a Chemistry Placement Test

CHEM 1211L **Principles of Chemistry I Lab** **1 Credit**
 Laboratory exercises to supplement the lecture material of CHEM 1211.
(0-4-1)
Prerequisite or Co requisite: CHEM 1211

CHEM 1212 **Principles of Chemistry II** **3 Credits**
 Second course in a two-semester sequence covering the fundamental principles and applications of chemistry. **(3-0-3)**
Prerequisite: CHEM 1211

CHEM 1212L **Principles of Chemistry II Lab** **1 Credit**
 Laboratory exercises to supplement the lecture material of CHEM 1212.
(0-4-1)
Prerequisite: CHEM 1211L; Co requisite: CHEM 1212

CHEM 2101 **Synthesis Lab** **2 Credits**
 This laboratory course is designed to prepare chemistry majors for upper level laboratory courses. The laboratory experiments will include quantitative analysis, inorganic synthesis and computational methods. **(0-6-2)**
Prerequisite: CHEM 1212L

CHEM 2501 **Organic Chemistry I** **3 Credits**
 The first of two semester introductory courses covering the principles of organic chemistry. The properties, preparation, reactions, and interrelationships of the important classes of organic chemistry. **(3-0-3)**
Prerequisite: CHEM 1212

CHEM 2501L	Organic Chemistry I Lab	1 Credit
Laboratory techniques in organic chemistry; synthesis and reactions of organic compounds and spectroscopic analysis. Lab taken concurrently with CHEM 2501 (0-4-1) <i>Prerequisite: CHEM 1212L; Co requisite: CHEM 2501</i>		
CHEM 2511	Organic Chemistry II	3 Credits
A Continuation of Organic Chemistry I. (3-0-3) <i>Prerequisite: CHEM 2501</i>		
CHEM 2511L	Organic Chemistry II Lab	1 Credit
A Continuation of Organic Chemistry Laboratory I. (0-4-1) <i>Prerequisites: CHEM 2501L; Co requisite: CHEM 2511</i>		
CHEM 3101	Analytical Chemistry	3 Credits
Principles and techniques in volumetric and gravimetric determinations. Principles of chemical equilibria using chromatographic, spectrophotometric, and potentiometric methods of analysis. (3-0-3) <i>Prerequisite: CHEM 1212</i>		
CHEM 3101L	Analytical Chemistry Lab	1 Credit
Lab taken concurrently with CHEM 3101. (0-4-1) <i>Prerequisite: CHEM 1212L; Co requisite: CHEM 3101</i>		
CHEM 3201	Instrumental & Data Analysis	3 Credits
Instrumental techniques used in chemical analysis with emphasis on accuracy and precision. Statistical and regression methods for the interpretation of data. (3-0-3) <i>Prerequisite: CHEM 3101</i>		
CHEM 3201L	Instrumental Analysis Lab	1 Credit
Lab taken concurrently with CHEM 3201. (0-4-1) <i>Prerequisite: CHEM 3101L; Co requisite: CHEM 3201</i>		
CHEM 3302	Research	2 Credits
Supervised research including literature search, laboratory experimentation, and interpretation and presentation of results. (0-6-2) <i>Prerequisite: Junior standing</i>		
CHEM 3401	Physical Chemistry I	3 Credits
Properties of gases, thermodynamics, thermo-chemistry, physical transformation and equilibrium, phase diagrams, chemical equilibrium. (3-0-3) Lab taken concurrently with CHEM 3401. (0-4-1) <i>Prerequisites: MATH 2111, PHYS 1112K or 2212</i> <i>Co requisite: CHEM 3401</i>		
CHEM 3401L	Physical Chemistry I Lab	1 Credit
Equilibrium electrochemistry, chemical kinetics, reaction dynamics, quantum theory, atomic and molecular structure, modern spectroscopy. (3-0-3) <i>Prerequisite: CHEM 1212L; Co requisite: CHEM 3401</i>		
CHEM 3411	Physical Chemistry II	3 Credits
Equilibrium electrochemistry, chemical kinetics, reaction dynamics, quantum theory, atomic and molecular structure, modern spectroscopy. (3-0-3) <i>Prerequisite: CHEM 3401</i>		
CHEM 3411L	Physical Chemistry II Lab	1 Credit
Lab taken concurrently with CHEM 3411. (0-4-1) <i>Prerequisite: CHEM 3401L; Co requisite: CHEM 3411</i>		

CHEM 3522	Advanced Synthesis Lab	2 Credits
The focus of this laboratory course will be on advanced synthetic methods in organic, inorganic chemistry and biochemistry. A wide range of compounds will be synthesized and characterized using appropriate separation and spectroscopic techniques. The interpretation of spectroscopic spectra will be emphasized. (0-6-2) <i>Prerequisites: CHEM 2101, CHEM 2511 and CHEM 2511L</i>		
CHEM 4101	Biochemistry	3 Credits
Structure and function of proteins, nucleic acids, carbohydrates, and lipids. Emphasis on mechanistic analysis of metabolic pathways and enzymes activity. <i>Prerequisite: CHEM 2511 and BIOL 1108</i>		
CHEM 4111	Advanced Biochemistry	3 Credits
Recent advances in medical biochemistry with clinical correlations. Biochemistry of metabolic diseases, neuroendocrine and reproductive biochemistry, signal transduction, receptor chemistry, transcriptional regulation, cancer biochemistry, and oncogenes and oncoproteins. (3-0-3) <i>Prerequisite: CHEM 4101</i>		
CHEM 4121	Advanced Inorganic Chemistry	3 Credits
Principles of inorganic chemistry with emphasis on atomic structure, chemical bonding, solid state, coordination chemistry, organic metallic chemistry, and acid-base theories. Chemistry of selected elements. (3-0-3) <i>Prerequisites: CHEM 1211, 3401, and 3411</i>		
CHEM 4201	Medicinal Chemistry	3 Credits
Synthesis, structure, and mode of action of therapeutically active compounds. Design of pharmaceutical agents based on enzyme mechanism, structure activity relationships, and computer modeling. (3-0-3) <i>Prerequisites: CHEM 2511, 4101</i>		
CHEM 4301	Chemistry of the Environment	3 Credits
Chemical processes important in the environment from naturally occurring and man-induced systems. Thermodynamic and chemical considerations of fuels; the thermodynamics of the atmosphere; atmospheric photochemistry; chemistry of natural water systems; chemistry of pesticides, fertilizers, and other important environmental contaminants; aspects of the carbon, nitrogen, and sulfur cycles. (3-0-3) <i>Prerequisite: CHEM 3101</i>		
CHEM 4301L	Chemistry of the Environment Lab	1 Credit
Lab taken concurrently with CHEM 4301. (0-4-1) <i>Prerequisite: CHEM 3101L</i>		
CHEM 4531	Advanced Organic Chemistry	3 Credits
Survey of modern organic synthesis with emphasis on mechanism of reactions. (3-0-3) <i>Prerequisite: CHEM 2511</i>		
CHEM 4601	Polymer Chemistry	3 Credits
Chemistry of polymers and the chemical and physical properties of polymers are discussed. Molecular weight characterization, structure and morphology and fabrication of polymer. (3-0-3) <i>Prerequisites: CHEM 2511, 3401</i>		
CHEM 4601L	Polymer Chemistry Lab	1 Credit
Lab taken concurrently with CHEM 4601. (0-4-1) <i>Prerequisite: CHEM 2511L</i>		
CHEM 4801	Special Topics	3 Credits
Discussion of current topics in organic, analytical, physical chemistry, biochemistry, or polymer chemistry. (3-0-3)		

CHEM 4901	Chemical Seminar	1 Credit
Modern development in specific subdivisions of the field of chemistry. (1-0-1) <i>Prerequisite: Junior or senior standing</i>		
Civil Engineering Technology		
CIVT 3101K	Surveying	5 Credits
A comprehensive study of taping, leveling, angle, and direction measurements, theodolites, traverse measurements computation of coordinates, areas, and volumes; topographic surveying, contouring; techeometry, EDMIs, and Total Stations route surveying; simple and transition horizontal and vertical curves; triangulation; introduction to aerial surveying and photogrammetric methods; introduction to GPS and GIS; use and care of instruments; computer applications. (3-4-5) <i>Prerequisites: MATH 1113; Co requisite: ENGT 2101K</i>		
CIVT 3201K	Civil Engineering Materials	2 Credits
A comprehensive study of the physical, mechanical, and other important properties of materials; fabrication of method of manufacturer; durability and long-term performance, specifications and standards; laboratory testing procedures; applications or methods of use of various civil construction materials which include aggregates, concrete, cementitious materials, masonry, wood, bituminous, iron, and steel. (1-2-2) <i>Prerequisite: MATH 1113</i>		
CIVT 3211	Construction Estimating & Management	3 Credits
Construction planning and management; contracting (types, methods, documents); specifications, mathematical techniques of construction cost estimating; preparation and submission of bid; construction scheduling (CPM); project administration (financial, personnel, claims and disputes, change orders, safety); computer applications. <i>Prerequisite: CIVT 3201K</i>		
CIVT 3301K	Hydraulics & Engineering Hydrology	4 Credits
Elements of fluid mechanics; pressure measurement; hydrostatics; forces on submerged plane and curved surfaces, buoyancy; fluids in motion; hydraulic and energy gradients; forces exerted by jets on flat plates and curved vanes; orifices, notches and weirs; flow in pipes; simple pipe networks; open channel flow; pumps. Hydrologic cycle; precipitation data analysis; hydraulics of groundwater flow; equilibrium and non-equilibrium conditions; groundwater exploration; surface runoff; hydrographs; reservoir storage; flood routing; hydrological forecasting; computer applications. (3-2-4) <i>Prerequisite: ENGT 3101</i>		
CIVT 3401K	Highway & Transportation Engineering	4 Credits
A study of several transportation modes. Emphasis will be placed on the linkage of these modes for the effective and economic movement of people, materials, and equipment. It will also include the fundamentals of highway design, layout, foundations, and pavements; grade intersections and separations; highway cross-sections, traffic and safety requirements. (3-2-4) <i>Prerequisites: CIVT 3101K, 3201K, MATH 2111, and ENGT 2101K</i>		
CIVT 3601K	Soil Mechanics & Foundation Design	5 Credits
A study of engineering properties of soil as a construction material and foundations for buildings. Topics include the soil classifications, Atterberg limits, shear strength, consolidations and settlement. This knowledge is then applied to the design of various types of foundations such as spread footings, piles, earth retaining structures and substructure elements. (4-2-5) <i>Prerequisites: CIVT 3201K and ENGT 3601</i>		
CIVT 3701	Structural Analysis	4 Credits
A comprehensive study of the behavior response of various structural forms that are employed, and an enumeration of the various loading conditions that a structure must support. Emphasis will be placed on the fundamentals and matrix method of structural analysis of simple and complex structural systems including trusses, beams, frames, arches, cable structures, and influence lines. It will also cover an introduction to the theory of statically indeterminate structures. <i>Prerequisites: ENGT 3601 and ENGT 3201</i>		
CIVT 4101K	Structural Design I (Steel)	3 Credits
A study of structural design procedures of structural elements utilizing latest design methods according to building and design codes. Emphasis will be on the integration of designing steel structures from conception to working drawings. Course content includes		

identification and calculation of various loads, structural framing, designing of trusses, joists, beams, columns, and simple connections. (2-2-3)

Prerequisites: CIVT 3201K, 3701, and ENGT 2101K

CIVT 4111K **Structural Design II (Reinforced Concrete)** **3 Credits**
 A study of the fundamentals of reinforced concrete design. Emphasis will be on the principles and practices involved in the structural components and the design of reinforced concrete utilizing latest design methods in accordance with the ACI-codes. Course content includes designing of rectangular and T beams, one-way slabs, columns, footings, and retaining walls. (2-2-3)
Prerequisites: CIVT 3201K, 3701, and ENGT 2101K

CIVT 4201K **Environmental Engineering** **4 Credits**
 Basic concepts of environmental interrelationships; principles of environmental chemistry, microbiology, ecology and health; water quality parameters; water treatment processes; wastewater treatment processes; sludge treatment and disposal; industrial waste waters; design of water, wastewater and sludge treatment units; water distribution and wastewater collection systems; design principles; and computer applications. (3-2-4)
Prerequisites: CHEM 1211, 1211L, and CIVT 3301K

CIVT 4211 **Environmental Pollution Control** **3 Credits**
 Water pollution; point and diffuse sources; river pollution and oxygen sag curve analysis; groundwater pollution analysis; eutrophication of lakes; coastal pollution; solid wastes management (collection, storage and transport); processing and transformation; incineration, composting, sanitary land filling; recycling; hazardous waste management types; RCRA, CERCLA and others; treatment and disposal methods; air pollution (air pollutants and interaction products); and preventive and control measures.
Prerequisite: CIVT 4201K

CIVT 4301 **Urban Planning** **2 Credits**
 Historical development of urban centers and planning practices; theories, policies and quantitative techniques used; statistical methods; forecasting techniques; decision-making analysis; planning management; functional planning physical, land use, transportation, housing and real estate; historical preservation; environmental planning and monitoring, computer applications.
Prerequisites: CIVT 3211, 3401K, and 4201K

Computer Science Technology

CSCI 1130 **Computer & its Applications** **3 Credits**
 An introductory course specially designed to help students become computer literate. The course covers the history of computers, hardware, software, and use of the state-of-the-art technology. Another unique feature of this course is that students use Internet, MS OFFICE applications using word processing, spreadsheets, and HTML language to create home pages.

CSCI 1301 **Computer Science I** **3 Credits**
 An introduction to the principles of computer programming with emphasis on problem solving methods. The topics include an introduction to data representation, data type and control structures, procedures and functions, and programming methodology.
Prerequisite: MATH 1111

CSCI 1302 **Computer Science II** **4 Credits**
 An introduction to object-oriented programming language using abstract data type. Emphasis will be placed on encapsulation, inheritance and polymorphism, recursive programming, pointers, linked lists, stacks, strings, and trees.
Prerequisite: CSCI 1301

CSCI 1371 **Computing for Engineers & Scientists** **3 Credits**
 Foundations of computing with an emphasis on design and implementation of algorithms that complement and support engineering and scientific problem solving.

CSCI 1501K	Computing for Engineers I	3 Credits
This course presents the conceptual foundations and limitations of computing with design construction analysis of algorithms, and data structures. The course prepares students wherein they will be able to show evidence of adequate performance with respect to design and construct algorithms, and data structures, to solve problems in a high level (pseudo) language. Emphasis will be given on the manipulation of complex data structures, recursive and iterative algorithms, and designs of algorithm with high levels of modularity and object-oriented approaches. (2-3-3)		
CSCI 1502K	Computer for Engineering II	3 Credits
Introduction to techniques and practices for implementing algorithms. Emphasis on professional software practices. Projects focus on interactive and computationally intensive programs, including large program management. (2-3-3) <i>Prerequisite: CSCI 1501K</i>		
CSCI 1610	Programming in Java	4 Credits
An introduction to Java, which is a simple, object-oriented, distributed, interpreted, robust, secure, architecture-neutral, portable, high-performance, multithreaded and dynamic language. The course includes extensive use of classes, support of networking, basic data structures, abstract data type, recursion, and searching and sorting. <i>Prerequisite: MATH 1111</i>		
CSCI 2215	Perl Scripting	4 Credits
Designed to teach students how to use PERL (Practical Extraction and Reporting Language) for Web/CGI scripting. <i>Prerequisite: CSCI 1301</i>		
CSCI 2231	Introduction to UNIX	3 Credits
An introduction to UNIX operating system, which will provide a convenient and consistent interface to the wide variety of peripheral devices that are connected to the computer. Students learn history and fundamentals of SUN Operating System, by entering commands using Shell, the UNIX file systems; text file utilities. Vi editor, Shell scripts, AWK (Aho, Weingenger, Kernighan) programming language, and Local Area Networking Utilities. <i>Prerequisite: CSCI 1301</i>		
CSCI 3000	Data Structure & Algorithm Design	3 Credits
Introduction to computation complexities, object-oriented programming, basic data structures; lists, stacks, trees, recursion, and graphs. <i>Prerequisite: CSCI 1610</i>		
CSCI 3102	Visual Basic	3 Credits
An introduction to Visual Basic and Windows 95 applications. Topics include Form, List Box, Text Box, Scroll Bars, Menu and other windows resources. <i>Prerequisite: CSCI 3000</i>		
CSCI 3210	Advanced Java	3 Credits
An introduction to Java and Web page programming. Students write basic Java applets. <i>Prerequisites: CSCI 3000, CSCI 1610</i>		
CSCI 3385	Computer Network & Design	3 Credits
Introduction of distributed system architecture, data transmission, protocol levels, types of network layers, terminal based networks, modems, and multiplexers. A unique feature of this course is that students set up a LAN using Solaris, Novell and Windows NT. The course provides hands-on experience for students. <i>Prerequisite: CSCI 1301</i>		
CSCI 4110	Operating Systems	3 Credits
Study of process control, CPU scheduling, primary memory management, and secondary memory management. <i>Prerequisite: CSCI 3000</i>		
CSCI 4210	Data Base Management	3 Credits
Introduction to database application design. Topics include problem analysis, various data models, implementation, using Microsoft access, forms, reports, SQL, and database programming. <i>Prerequisite: CSCI 3000</i>		

CSCI 4310 **Compiler Construction** **3 Credits**
Introduction to compiling process, language elements, finite automata, grammar, parsing methods, top-down parsing, bottom-up parsing, and code generation.

Prerequisite: CSCI 3000

CSCI 4410 **Web Based Programming** **3 Credits**
Introduction to web server programming, Internet information server object: Request, Response, Application, Server session. Programming skills via using basic server objects, including working with data source like Access, SQL server.

Prerequisite: CSCI 3000

CSCI (YAMA) 4901 **Search Engine Design** **3 Credits**
Introduction to develop a simple Internet search engine. Yamacraw project classified 5 categories: Vision and Design, Implementation, Extension, Installer, and Maintainers, Users. Students will implement a test version of a search engine. Software layers include: NT server, SQL Server, Internet Information Server, ASP Web Interfact.

Electronics Engineering Technology

ELET 3101K **Electric Circuit I** **3 Credits**
The concept of current, voltage, power, and resistance. The course deals with units, basic electrical laws, series and parallel circuits, network theorems, and instruments. AC sources, capacitance, inductance, and magnetism are introduced. Circuits are analyzed using PSPICE Laboratory work parallels class work and include the use of various AC and DC instruments. (2-2-3)

Prerequisite: MATH 1113

ELET 3111K **Electric Circuit II** **3 Credits**
The second part of the electric circuit sequence. The course deals with impedance and admittance in sinusoidal circuits. Resonant circuits, three-phase circuits, harmonics and transformer theory are also studied. Circuits are analyzed using PSPICE. Laboratory work parallels class work. (2-2-3)

Prerequisite: ELET 3101K

ELET 3201K **Electronics I** **3 Credits**
A study of discrete electronic devices. Semiconductor diodes, BJTs and FETs are studied with emphasis on characteristic curves. BJT and FET amplifiers are studied in-depth and various configurations of small and large signal amplifiers are studied. Circuits are analyzed using PSPICE. Laboratory work parallels class work. (2-2-3)

Prerequisite: ELET 3101K; Co requisite: ELET 3111K

ELET 3211K **Electronics II** **3 Credits**
A study of the characteristics, performance, and application of the most common linear integrated circuits. The emphasis of this course is on operational amplifiers, comparators, multipliers, oscillators, voltage regulation, oscillators, phase-locked loops and data converters. Applications will illustrate use, and laboratory exercises will enhance learning. (2-2-3)

Prerequisite: ELET 3201K

ELET 3301K **Digital Systems I** **3 Credits**
A comprehensive study of binary and hexadecimal numbers, Boolean algebra, truth tables, Karnaugh maps, and combination logic using basic gates. Flip-flops, counters, registers, encoders, and decoders are also presented. Circuit simulation software is used in both classroom and laboratory work. (2-2-3)

Prerequisite: ELET 3101K

ELET 3311K **Digital Systems II** **3 Credits**
A thorough study of sequential design. Techniques and issues relevant to design will be covered in-depth and project work will emphasize the use of LSI, MSI, and SSI circuits in the application and design of complex digital systems. Analog-to-digital converters (ADC), digital-to-analog converters (DAC), programmable logic devices (PLDs), and introduction to microprocessors are also studied. Circuit simulation software used in both classroom and laboratory. (2-2-3)

Prerequisite: ELET 3301K

- ELET 3401K** **Microcomputer Interfacing** **3 Credits**
A study of microprocessors and microcomputer systems. Related hardware and software issues of X86 will be covered. The course also covers memory systems, input/output devices and interfacing mechanisms. Classroom instruction is enhanced by laboratory work. **(2-2-3)**
Prerequisite: ELET 3301K
- ELET 3411K** **Microcontrollers** **3 Credits**
A comprehensive study of micro controller hardware and software. System architecture includes the CPU, timer, serial, and parallel I/O ports, RAM and ROM. The software portion of the course covers assembly language. Classroom instruction will be enhanced by laboratory work. **(2-2-3)**
Prerequisite: ELET 3301K
- ELET 3501K** **Control Systems** **3 Credits**
Analysis and design of linear feedback control systems are studied. Nyquist's and Routh's stability criteria, Bode plots, transient behavior, static error coefficients, and the steady-state behavior of various system types are presented. The root-locus method and block diagram representation and simplification are also included. Classroom instruction will be enhanced by laboratory work. **(2-2-3)**
Prerequisites: ELET 3111K and MATH 2111
- ELET 3511K** **Electrical Machinery** **3 Credits**
An introductory course in the characteristics and application of basic electric machinery. Three phase distribution systems, transformers, DC generators, AC generators, DC motors, and AC motors are studied. Laboratory work parallels classroom instruction. **(2-2-3)**
Prerequisite: ELET 3111K
- ELET 3701K** **Data Acquisition System** **2 Credits**
An introduction to the techniques for interfacing the basic measurement and instrumentation circuitry and systems to monitor physical characteristics such as temperature, pressure, strain, and distance by using data acquisition system. Typical instrumentation and measuring problems will be solved in the laboratory. **(1-2-2)**
Prerequisite: ELET 3101K
- ELET 4101K** **Programmable Logic Controllers** **3 Credits**
PLC, ladder logic, programming, installation, and troubleshooting of PLC systems. Sensors and their wiring, I/O modules and wiring, and fundamentals of plant communications are studied. Laboratory work parallels classroom instruction. **(2-2-3)**
Prerequisite: ELET 3301K
- ELET 4401K** **Industrial Electronics** **3 Credits**
A study of the necessary background for understanding the concept and utilization of various electronics devices, circuits and systems which are essential in industrial control and automation. Recent development and practices in industry are presented. Students apply the knowledge from Electronics II and Digital Systems II to develop application-oriented systems. **(2-2-3)**
Prerequisites: ELET 3211K, 3311K
- ELET 4411K** **Computer Electronics** **3 Credits**
A study of the theory of operations of the various electronic devices and components of the microcomputer. The installation, maintenance, and troubleshooting of microcomputer peripheral is also studied. Laboratory work parallels classroom instruction. **(2-2-3)**
Prerequisite: ELET 3301K
- ELET 4611K** **Fiber Optics** **3 Credits**
A study of the basic understanding of optics systems, fiber optics, types, and characteristics related to computer communication. Additional coverage includes fiber optic couplers, multiplexers, demultiplexers, and distribution system. Laboratory work parallels classroom instruction. **(2-2-3)**
Prerequisite: CSCI 3385
- ELET 4621K** **Digital Communications** **3 Credits**
Sampling, coding, decoding, and digital multiplexing. The course will also cover the networking essential concepts, with emphasis on Microsoft Networking system. **(2-2-3)**
Prerequisite: ELET 3311K

- ELET 4901K** **Senior Project** **1 Credit**
 The selection of an appropriate engineering project for design and development. The majority of work is spent in the laboratory researching, designing, prototyping, debugging, and fabricating the project. Engineering note book is required. Course requirements include oral and written reports on the project. **(0-2-1)**
Prerequisite: Permission of the instructor
- Engineering**
- ENGR 1101** **Introduction to Engineering** **1 Credit**
 The course consists of material and learning activities that would build and sustain the interest of the student in engineering and that would produce behavioral modification in the student to adequately prepare him/her for a successful academic career in engineering.
- ENGR 1161K** **Computing for Engineers & Scientists** **3 Credits**
 Foundations of computing with an emphasis on design and implementation of algorithms that complement and support engineering problem solving. **(2-3-3)**
Prerequisite: MATH 1113
- ENGR 2001** **Principles & Applications of Engineering Materials** **3 Credits**
 The structure-property-processing-performance relationships of engineering materials are described. Materials selection is treated as a part of engineering design.
Prerequisites: CHEM 1211 and 1211L
- ENGR 2010** **Computational Modeling for Engineers** **3 Credits**
 This course encompasses numerical analysis/methods techniques for solving engineering problems using software development. Topics include sources of error in computing, the use of modular software design, basic numerical methods, and optimization.
Prerequisites: CSCI 1371 and MATH 3101
- ENGR 2025** **Introduction to Signal Processing** **4 Credits**
 Introduction to signal processing for discrete-time and continuous-time signals. Filtering. Frequency Response. Fourier Transform. Z Transform. Laboratory emphasizes computer-based signal processing. **(3-3-4)**
Prerequisites: MATH 2511 and CSCI 1502
- ENGR 2030** **Introduction to Computer Engineering** **3 Credits**
 Computer system and digital design principles. Architectural concepts, software, Boolean algebra, number systems, combinational datapath elements, sequential logic, and storage elements. Design of DRAM control and I/O bus.
Prerequisite: CSCI 1371
- ENGR 2031** **Digital Design Lab** **2 Credits**
 Design and implementation of digital systems, including a team design project. CAD tools, project design methodologies, logic synthesis, and assembly language programming. **(1-3-2)**
Prerequisite: ENGR 2030
- ENGR 2040** **Circuit Analysis** **3 Credits**
 Basic concepts of DC and AC circuit theory and analysis.
Prerequisites: ENGR 2025, PHYS 2212, and MATH 3301
- ENGR 2110** **Creative Decisions & Design** **3 Credits**
 To learn fundamental techniques for creating, analyzing, synthesizing, and implementing design solutions to open ended problems with flexibility, adaptability, and creativity through team and individual efforts. **(2-3-3)**
Prerequisites: ENGR 2770 and CSCI 1371
- ENGR 2201** **Statics for Engineers** **2 Credits**
 Elements of statics in two and three dimensions, centroids, and friction.
Prerequisites: MATH 2111 and PHYS 2211

ENGR 2202	Dynamics of Rigid Bodies	3 Credits
Kinematics and dynamics of particles and rigid bodies in one, two, and three dimensions. Work-energy and impulse-momentum concepts. <i>Prerequisites: ENGR 2201 and CSCI 1371</i>		
ENGR 2770	Introduction to Engineering Graphics & Visualization	3 Credits
Engineering graphics and visualization including sketching, line drawing, simple wire frame, and solid modeling. Development and interpretation of drawings and specifications for the product realization. (2-3-3)		
ENGR 3001	Mechanics of Deformable Bodies	3 Credits
Stress and strain, axially loaded members, torsion of circular members, bending of beams, transformation of stress and strain and column buckling. <i>Prerequisites: ENGR 2201 and MATH 3301</i>		
ENGR 3322	Engineering Thermodynamics	3 Credits
Introduction to thermodynamics. Thermodynamic properties, energy and mass conservation, entropy and the second law. Second-law analysis of thermodynamic systems, gas cycles, vapor cycles. <i>Prerequisites: PHYS 2211 General Physics II, MATH 3301, and CSCI 1371</i>		
ENGR 3770	Statistics & Applications	3 Credits
Introduction to probability, probability distributions, point estimation, confidence intervals, hypothesis testing, linear regression, and analysis of variance. Also applications in the engineering planning and Design are discussed. <i>Prerequisite: Math 2511</i>		
Engineering Technology		
ENGT 2101K	Computer Graphics	3 Credits
An introduction to computer graphics hardware and software with emphasis on hands-on experience using one or more CAD systems. (1-4-3) <i>Prerequisite: MATH 1113</i>		
ENGT 2111K	CAD Applications	1 Credit
Covers architectural, chemical, civil, electronics and mechanical CAD applications. (0-2-1) <i>Prerequisite: ENGT 2101K</i>		
ENGT 2201	Technical Writing	2 Credits
Covers fundamentals of writing technical reports and research papers; illustrating technical data; making oral presentations; and participating in group communications. <i>Prerequisite: ENGL 1102</i>		
ENGT 2803	Introduction to Renewable Energy Entrepreneurship	
The course is primarily based on case studies and business planning. There are two broad themes to the class. In the first part we focus on the process of creating entrepreneurial companies. We will examine business issues of identifying opportunities in energy and environment, implementing strategies, and formulating and implementing the business plans. In the second part, we focus more specifically on the challenges of raising funds, dealing with investors and exploring issues in renewable (solar) energy and environment. We will occasionally change our perspective then, looking at the process from an investor's perspective. <i>Prerequisite: ENGL 1102</i>		
ENGT 3101	Statics	3 Credits
A study of applied engineering mechanics of rigid bodies in equilibrium. Analysis of forces, reactions and moments in various force systems for both two and three dimensional systems. Determination of centroids of composite area and the moment of inertia will also be studied. <i>Prerequisites: MATH 2101; PHYS 1111K or PHYS 2211K</i>		

ENGT 3201	Applied Mathematics for Engineering Technology	1 Credit
Application of mathematics in the practice of engineering. The course consists of selected topics in matrix algebra, vectors, calculus, and statistics with emphasis on their application in engineering technology disciplines. <i>Prerequisite: MATH 2111</i>		
ENGT 3301	Quality Control	3 Credits
A study of statistics, probability, control charts for variables and attributes, and acceptance sampling plans. <i>Prerequisite: ENGT 3201</i>		
ENGT 3501	Dynamics	2 Credits
The study of kinematics, the motion and movement of a body in terms of displacement, velocity acceleration and time; and kinetics, the relations between motion of a body and the forces that caused the motion. Topics include rectilinear motion as well as curvilinear motion. <i>Prerequisite: ENGT 3101</i>		
ENGT 3601	Strength of Materials	3 Credits
A comprehensive study of the concept of the stress-strain relationship and how this relates to the design of structural members. Emphasis will be on the stress distribution due to axial tension and compression, thermal, torsion, and transverse loading and their combinations. Course content will also include pure bending, transformations of stress, shear and bending moment diagrams, slope and deflection of beams by integration, and Euler's formula for columns. <i>Prerequisites: ENGT 3101 and MATH 2111</i>		
ENGT 3701	Engineering Economy	3 Credits
A study of the fundamental concept and analytical tools of engineering economy. The elements of engineering decision-making process, compound interest and equivalence are examined. This course also covers present worth, uniform annual cost, rate of return and depreciation method as well as income taxes to help make the correct engineering business decision. <i>Prerequisites: MATH 1113, permission of the instructor</i>		
Environmental Science		
ENVS 1140	Environmental Issues	3 Credits
Survey of global environmental issues facing humankind from philosophical, sociological, historical, ecological, and technological perspectives. (3-0-3) <i>Prerequisites: none</i>		
ENVS 2401	Introduction to Environmental Science	3 Credits
Mechanism of evolution in relation to plants, animals and man, population dynamics, ecological processes, population ecology, species interactions, evolution of behavior, biomes, biogeography, pollution, and ecosystem sustainability. (3-0-3) <i>Prerequisites: none</i>		
ENVS 2401L	Introduction to Environmental Science Lab	1 Credit
Lab taken concurrently with ENVS 2401.(0-2-1)		
ENVS 3121	Environmental Ethics	3 Credits
The basics in philosophical and ethical thought, especially as related to the development in mankind of a new ecological ethic. (3-0-3) <i>Prerequisites: HUMN 2011, ENVS 2401</i>		
ENVS 3201/MSCI 4301K	Limnology	3 Credits
Evolution and morphology of ponds, lakes, and streams; physical and chemical characteristics of inland water, aquatic biota, their taxonomy and ecology.(3-0-3) <i>Prerequisites: ENVS 2401, BIOL 2401, CHEM 1211, CHEM 1212</i>		
ENVS 3201L	Limnology Lab	1 Credit
Lab taken concurrently with ENVS 3201.(0-2-1)		

ENVS 3203/MSCI 3301K	Environmental Chemistry	3 Credits
The chemistry of the Earth's natural processes in air water and soil, toxic pollutants, soil, water, air, and sediment chemistry in relation to pollutants, natural waters and acid base chemistry of the carbonate system, redox, solid phase-solution equilibria, ion adsorption and desorption phenomenon. (3-0-3) <i>Prerequisites: ENVS 2401, CHEM 1211, CHEM 1212</i>		
ENVS 3203L	Environmental Chemistry Lab	1 Credit
Lab taken concurrently with ENVS 3203.(0-2-1)		
ENVS 3205/BIOL 3321	Environmental Microbiology	3 Credits
Relationships of microorganisms to their environment and to other organisms, symbiotic, soil and aquatic microorganisms are considered, genetically engineered microorganisms as well as principles of bioremediation. (3-0-3) <i>Prerequisites: BIOL 1107, BIOL 1108</i>		
ENVS 3205L/BIOL 3321L	Environmental Microbiology Lab	1 Credit
Lab taken concurrently with ENVS 3205.(0-2-1)		
ENVS 3301	Environmental Radiation	3 Credits
Atomic structure, nuclear radiation, radioactive decay, interaction of charged particles and electron with matter, methods of radiation detection, radiation dosimetry and, radiation protection. (3-0-3) <i>Prerequisites: CHEM 1211, CHEM 1212, PHYS 1111K</i>		
ENVS 3301L	Environmental Radiation Lab	1 Credit
Lab taken concurrently with ENVS 3301.(0-2-1)		
ENVS 3621/BIOL 3621	Environmental Health and Hygiene	3 Credits
Human exposure and health effects of chemicals, occupational health hazards, regulatory safety procedures, management requirements, disease vectors, food and housing sanitation risk assessment, principles of industrial hygiene. (3-0-3) <i>Prerequisites: ENVS 2401, BIOL 1107, BIOL 1108</i>		
ENVS 4101/MSCI 4401K	Contaminant Hydrology	3 Credits
Topics dealing with the fundamentals of the hydrologic cycle, budget and aquatic; precipitation, evapo-transpiration, stream flow; containment transport; ground water flow and urban vs. watershed models (3-0-3) <i>Prerequisites: MATH 1113, MATH 2101</i>		
ENVS 4101L	Contaminant Hydrology Lab	1 Credit
Lab taken concurrently with ENVS 4101.(0-2-1)		
ENVS 4121/POLS 4101	Environmental Law	3 Credits
Overview of the historic development and evolution of legal principles, the legal processes relating to resource conservation, environmental regulations and statutory laws. (3-0-3) <i>Prerequisites: ENVS 2401, ENVS 3121</i>		
ENVS 4202	Principles of Ecotoxicology	3 Credits
Toxic chemicals and their fate and distribution in various ecosystems, toxicity of chemicals on the individual, populations and communities, relationship of dose and response, and biomarkers in population studies. (3-0-3) <i>Prerequisites: ENVS 2401, CHEM 2501</i>		
ENVS 4301	Solid and Hazardous Waste Management	3 Credits
Hazardous wastes disposal techniques, problems associated with current waste disposal techniques, major pathways of pollutant migration from disposal sites, emphasis on critical issues facing industry, government, and the public. (3-0-3) <i>Prerequisites: ENVS 3203, CHEM 2501</i>		

ENVS 4401	Environmental Impact Assessment	3 Credits
Land use planning, zoning, subdivision and community organization, human growth, control, local, state and federal regulations, multi disciplinary terms are organized to produce actual EIS's, geology, soils, topography, hydrology, meteorology, biology, sociology and economics are all involved. (3-0-3)		
<i>Prerequisites: ENVS 2401, ENVS 3121</i>		
ENVS 4801/MSCI 4902	Internship	2 Credits
Supervised training, apprenticeship, and experience with an appropriate agency, written internship report, and report presentation. (1-0-1)		
<i>Prerequisite: Senior Standing</i>		
ENVS 4901/MSCI 4901	Environmental Synthesis Seminar	1 Credit
Most updated environmental literature search, research methodology, synthesis, manuscript preparation, and seminar presentation. (1-0-1)		
<i>Prerequisite: Senior Standing</i>		
ENVS 4910	Special Topics	3 Credits
In depth discussion and review of most critical environmental issues, toxic chemicals, soil, water and air pollution, and new remedial methodologies. (2-0-2)		
<i>Prerequisite: Senior standing</i>		
Forensic Science		
FSCI 1101	Introduction to Forensic Science	3 Credits
An introduction to forensic science from a chemist's perspective; basic principles of chemistry and their application to forensic science; evidence collection and preservation, drugs of abuse, poisons, arson investigations, explosives and DNA analysis.		
FSCI 3001	Computer Forensics	3 Credits
This course introduces students to the technical and legal aspects of electronic evidence and the computer forensic investigative process. Topics covered include the discovery and recovery of electronic evidence stored on or transmitted by computers, networks, and cellular devices. Students will learn how computer forensics increasingly plays a role in investigations of both traditional and cyber crimes.		
FSCI 3201	Forensic Evidence in Law Enforcement	3 Credits
Principles of criminal law and procedure, preparation and presentation of evidence; examination of witnesses, and methods of legal research. Emphasis will be placed on court opinions defining the rules of search and seizure and advisability of evidence. (3-0-3)		
FSCI 3301	Principles of Forensic Sciences	3 Credits
Application of chemical and instrumental techniques that are currently used in crime laboratories to examine firearms, tool marks, documents, arson accelerants, drugs, hairs, plastics, paints, glass, soil, and textile fibers.		
<i>Prerequisite: CHEM 1211 or FSCI 1101</i>		
FSCI 3301L	Principles of Forensic Science Laboratory	1 Credit
Lab to supplement FSCI 3301. (0-3-1)		
FSCI 3401	Forensic Science Research/Internship	2 Credits
This course involves supervised research including literature search, laboratory experimentation and investigations related to forensic science as well as interpretation and presentation of results.		
<i>Prerequisites: Junior standing and FSCI 3301</i>		
FSCI 4101	Personal Identification & DNA Fingerprinting Analysis	3 Credits
Modern techniques in personal identification with various methods in DNA fingerprint analysis, DNA profiling, DNA typing in rape and murder cases and in cases of paternity testing. (3-0-3)		
<i>Prerequisites: CHEM 2511, BIOL 1108 and FSCI 3301</i>		
FSCI 4102	Personal Identification & DNA Fingerprint Analysis Lab	1 Credit
Lab taken concurrently with FSCI 3301. (0-3-1)		
<i>Prerequisites: CHEM 2511L and BIOL 1108L</i>		

FSCI 4201	Drug Abuse & Drug Analysis	3 Credits
Chemical, pharmacological, toxicological and pathological characteristics of commonly abused drugs, including alcohol, barbiturates, narcotics, stimulants and hallucinogens. <i>Prerequisites: CHEM 2511, BIOL 1108 and FSCI 3301</i>		
FSCI 4201L	Drug Abuse & Drug Analysis	1 Credit
Laboratory to supplement FSCI 4201.(0-3-1) <i>Prerequisites: CHEM 2511L and BIOL 1108L</i> *These courses cannot be used to satisfy the requirements for major in chemistry.		
FSCI 4401	Crime Scene I	2 Credits
Students will participate in the development and processing of a mock crime scene. Students will process the crime scene, collect and analyze evidence, perform instrumental and chemical analyses as well as carry out general investigative procedures. Students will then submit to the instructor a written formal report based on their results. <i>Prerequisites: Senior standing and FSCI 3301</i>		
FSCI 4402	Crime Scene II	2 Credits
Students will perform an extensive literature review to obtain documentation to support their results from Crime Scene I. Students will then present their findings under mock court conditions and be asked to defend these results and their hypotheses. <i>Prerequisites: Senior standing and FSCI 4401</i>		
FSCI 4501	Forensic Science – Case Studies	3 Credits
This course is a series of presentations of true crime case studies, including high profile cases such as Ted Bundy, “The Night Stalker” Richard Ramirez, “The Unabomber” Theodore Kaczynski, Lee Harvey Oswald and more. Discussions will focus on the importance of forensic evidence collected, evidence validity and explanation of evidence significance to the jury. <i>Prerequisites: FSCI 3201 or permission from the instructor</i>		
FSCI 4901	Forensic Science Seminar	1 Credit
This course is a series of student presentations designed to train students in the art of public presentation of scientific papers. Students will be required to search the literature for a specific topic in Forensic Science or related area using library resources including SciFinder Scholar and submit a primary and a review abstract. If the instructor approves the abstracts, the student will choose either the review or primary article for presentation. <i>Prerequisites: FSCI 3201 and FSCI 3301</i>		

Industrial Technology Management

INTM 3101	Motion & Time Study	3 Credits
A comprehensive study of cost analysis, production and inventory control, balancing of production lines, incentive pay and motion studies. Topics include problem solving techniques, operation and process charts, motion economy, work measurement, and motivational concepts.		
INTM 3201	Cost Estimating	3 Credits
A study of preparing detailed cost estimates for new and existing products. The course content is divided into the following areas: labor costs, materials cost, accounting principles, forecasting, operation and product estimating, and engineering economics.		
INTM 3301	Production & Inventory Control	3 Credits
A study of selecting and installing a computerized inventory control system such as Material Requirements Planning (MRP). The following topics are included: forecasting, master production scheduling, material requirements planning, inventory management, production activity control, and critical path scheduling.		

Integrated Science

ISCI 1101	Integrated Science I	3 Credits
Nature, physical properties, structure and evolution of the physical universe, nuclear energy and the atom, cosmology, the nature of energy and its conservation.(3-0-3)		

ISCI 1111K **Integrated Science II** **4 Credits**

The physical earth, biological evolution, ecological processes, and human development. (3-2-4)

Note: This is a 4-credit physical science course with laboratory.

Marine Sciences**MSCI 1501K** **Introduction to Marine Biology** **4 Credits**

Introduction to the form, function, classification, and ecology of marine organisms and ocean literacy principles. Ocean literacy is an understanding of the ocean's influence on human kind and human kind's influence on the ocean. An ocean-literate person understands the essential principles and fundamental concepts, can communicate about the oceans in a meaningful way, and is able to make informed and responsible decisions regarding the oceans and ocean resources. (3-2-4)

Prerequisites - none, this course is for non-science majors.

MSCI 1701 **Introduction to Aquarium Science** **3 Credits**

An introduction to the care and maintenance of captive aquatic plants and animals. This course satisfies an Area D – Science, Math, and Technology, Option 1 (non-science major) requirement of the Core Curriculum. (3-0-3)

Prerequisites: None.

MSCI 1705 **Outreach and Public Display** **2 Credits**

An introduction to effective oral, written, and graphical communication of scientific concepts to the public. This course includes a student practicum experience conducting public education and outreach activities. This course partially satisfies the requirements for the Aquarium Certificate.

(2-0-2)

Prerequisites: None.

MSCI 1801K **Marine Biology** **4 Credits**

Introduction to the physiology, morphology, taxonomy, and ecology of marine organisms and their role in oceanographic processes. (3-2-4)

Prerequisites: None.

MSCI 2010K **Introduction to Oceanography** **4 Credits**

An introduction to physical, chemical and geological oceanography. (3-2-4)

Prerequisites: none

MSCI 2701K **Aquarium Systems I** **4 Credits**

Overview of the important physical, chemical, and biological components necessary to maintain a healthy captive environment. Emphasis is placed on knowledge of the cultured organism and recreating natural environments, within the limitations of current technologies. Introduces water filtration techniques and environmental maintenance strategies. Laboratories introduce common analytical techniques, culture maintenance and observation over the semester.

Pre-requisites: MSCI 2010K Oceanography or MSCI 3101K Marine Science I), or taken concurrently with instructor's permission.

MSCI 2702K **Aquarium Systems II** **4 Credits**

A detailed investigation of aquatic maintenance systems, water filtration, wastewater treatment in small- and large-scale aquaria. Fundamental physical, chemical, and biological properties modified by these systems are discussed. Emphasis is placed on developing a working knowledge of the equipment necessary to maintain healthy aquatic environments. Overview of techniques to promote reproduction and sustaining long-term and multi-generational culture. Discusses current research improving high-density culture of commercial species. Laboratory experiences will include analytical techniques, equipment maintenance and repair, active culture maintenance over the semester.

Prerequisites: MSCI 2701K Aquarium Systems I

MSCI 2902 **Aquarium Science Internship** **8 Credits**

Internship with an aquaculture facility providing the student a keystone experience in the Aquarium Science Certificate Program, combining fundamental instructional knowledge with practical employment experiences in the field.

Prerequisites: MSCI 2702K Aquarium Systems II

MSCI 3101K	Marine Science I	4 Credits
Survey of basic concepts and interrelationships of physical, geological, chemical, and biological oceanographic and inshore ecosystems. Introduction to function and application of oceanographic equipment. (3-2-4)		
<i>Prerequisites: BIOL 1108K; CHEM 1212, or instructor's approval</i>		
MSCI 3102K	Marine Science II	4 Credits
Introduction to the physiology, morphology, taxonomy, and ecology of marine organisms and their role in oceanographic processes. (3-2-4)		
<i>Prerequisites: BIOL 1108K; CHEM 1212, or instructor's approval</i>		
MSCI 3301K	Marine Environmental Chemistry & Analysis	4 Credits
Chemical composition and processes of seawater and coastal waters; methods and techniques employed in analyzing environmental parameters; carbonate buffering system of seawater, biogeochemical cycles. (3-2-4)		
<i>Prerequisites: CHEM 1212; MSCI 2010 or MSCI 3101K</i>		
MSCI 3401K	Invertebrate Zoology	4 Credits
Survey of the major invertebrate taxa emphasizing function and special adaptations to coastal and marine environments. Practical emphasis on collection, preserving, sorting, and classifying, especially local species. (3-2-4)		
<i>Prerequisite: BIOL 1108K, (fall of odd years only)</i>		
MSCI 3501K	Ichthyology	4 Credits
Evolution, classification, anatomy, physiology, and ecology of fishes. Includes methods for the collection, identification, maintenance, and study of Southeastern coastal marine and estuarine species. (3-2-4)		
<i>Prerequisites: BIOL 1108K and MSCI 3102</i>		
MSCI 3702	Introduction to Geographical Information Systems	3 Credits
This course will develop student skills in GIS and demonstrate its interdisciplinary applications in marine sciences, city planning, and engineering and will serve as a required course for undergraduate interns in the NOAA-funded program, "Habitat Restoration and Land Use Monitoring Using GIS Technology: A Student Training Program" and as an elective in marine science and engineering. (3-0-3)		
MSCI 3901	Technical Writing & Seminar	3 Credits
The practical study of organizing and presenting scientific and technical information through writing and oral presentation. Covers the key elements of effective oral communication and written communication in memoranda, letters, reports, articles, and abstracts. Introduces the application and practical capabilities of computers, word processing, and integrated software. (3-0-3)		
<i>Prerequisite: ENGL 1102</i>		
MSCI 4201K	Marine Ecology	4 Credits
The principles of ecology related to marine and estuarine ecosystems. Theoretical population dynamics, age distributions, competition, and predation are discussed. (3-2-4)		
<i>Prerequisites: MSCI 3101, 3102</i>		
MSCI 4301K	Biological Oceanography	4 Credits
Global-scale considerations of biological features and processes within oceanic environments including: marine biogeography, oceanographic nutrient cycles, food webs and energy flow, plankton biology and ecology, impacts of climate change on the oceans, and a class study of estuarine plankton communities. (3-2-4)		
<i>Prerequisites: MSCI 3101, 3102, 3301</i>		
MSCI 4401K	Marine Sediments	4 Credits
Students will learn the concepts of sedimentology, stratigraphy, and paleoceanography in a regional context by exploring sedimentary environments along a transect from the Appalachian Mountains to the Mid-Atlantic Ridge. (3-2-4)		
<i>Prerequisites: MSCI 3101 or GEOL 1121K</i>		
MSCI 4447	Marine Mammalogy	3 Credits
An introduction to the biology of marine mammals, including cetaceans, pinnipeds, sirenians, and sea otters. Topics covered include evolution, physiology, behavior, and ecology of marine mammals. Particular attention is paid to current topics in the management and conservation of marine mammals. (3-0-3)		
<i>Prerequisites: Junior standing; MSCI 3102 (BIOL 1108K preferred)</i>		

- MSCI 4501** **Current Issues in Oceanography** **3 Credits**
This course provides background information, letters, milestone journal articles, and guidance in literature searches for discussion/debate on current issues in oceanography. **(3-0-3)**
Prerequisites: BIOL 1108K; CHEM 2501 or BIO 1104
- MSCI 4901** **Research** **1 Credit**
Provides background information and assistance for students to engage in original independent scientific research. By describing how to find pertinent scientific literature on a topic, problem, or question, explaining how to apply for summer research internships at marine laboratories and oceanographic institutions, and describing the organizational need and elements of the research report, the student should be able to design an independent research project, write the background or introduction of the report from library research and interviews. **(1-0-1)**
Prerequisites: Junior Standing; MSCI 3901, (or concurrent enrollment in MSCI 3901)
- MSCI 4902** **Senior Research/Internship** **1-3 Credits**
A research project under faculty supervision, which includes researching the background on a given problem, defining a hypothesis, and planning and executing experiments. A written report/manuscript and oral presentation are required.
Prerequisite: Completion of 3000 level of core curriculum, MSCI 4901 (may be concurrent enrollment), and consent of faculty advisor
- MSCI 4903** **Senior Research/Internship II** **1-3 Credits**
This class is intended as a continuation of research or internship activities from MSCI 4902. Consent of instructor and the faculty advisor are required.
Prerequisite: Completion of 3000 level of core curriculum, MSCI 4901, and MSCI 4902 (may be concurrently enrolled in MSCI 4902) and consent of faculty advisor.)
- Mathematics**
- MATH 1111** **College Algebra** **3 Credits**
A course presenting topics in algebra in a manner that will prepare students to study trigonometry and to manage their present and future daily mathematical needs. Topics included are the real number system, functions and polynomials, inequalities (first and second degree), systems of equations, and operations with exponential numbers (including radicals).
- MATH 1113** **Precalculus** **3 Credits**
A course designed to prepare students for a successful study of calculus. Topics include functions and their graphs, inverse functions, exponential and logarithmic functions, trigonometric functions and their inverses, analytic trigonometry, application of trigonometric functions, fundamentals of analytic geometry, and polar coordinates.
Prerequisite: MATH 1111 or a minimum score of 475 on the SAT-MAT
- MATH 1501** **Precalculus for Engineers** **4 Credits**
Analytical geometry, the function concept, polynomials, exponential, logarithms, trigonometric functions, mathematical induction, and the theory of equations. **(3-2-4)**
- MATH 2101** **Calculus I** **4 Credits**
An integrated approach to differential calculus and an introduction to integral calculus. Topics include functions, graphs, the derivative, applications of the derivative, maxima and minima, velocity and acceleration, rates of change, antidifferentiation, the fundamental theorem of calculus, and basic integration techniques.
Prerequisite: MATH 1113
- MATH 2111** **Calculus II** **4 Credits**
A continuation of MATH 2101. Topics include logarithmic, exponential, and other transcendental functions, applications of integration, integration techniques. L'Hopital's rule, improper integrals, and infinite series.
Prerequisite: MATH 2101

MATH 2121	Calculus III	4 Credits
A continuation of MATH 2111. Topics include plane curves, parametric equations, polar coordinates, vectors and geometry of space, vector-valued functions, functions of several variables, partial derivatives, and multiple integrals.		
<i>Prerequisite: MATH 2111</i>		
MATH 2201	Elementary Statistics	3 Credits
Topics include mean, median, range, variance and standard deviation of raw and grouped data, probabilities, correlation, the normal distribution, the t-distribution, statistical inference, including the pooled t-test, the analysis of variance, chi-square test, and regression analysis.		
<i>Prerequisite: MATH 1111</i>		
MATH 2301	Introduction to Discrete Math	3 Credits
The study of the logical and algebraic relationships between discrete objects. The roots of discrete math lie deep in set theory, directed graphs and relations, functions, combinatorics, logic, Boolean algebra, graph theory, and recurrence relations.		
<i>Prerequisite: MATH 1113 (MATH 2101 or MAT 212 is recommended also)</i>		
MATH 2501	Calculus I for Engineers	4 Credits
This course is designed to present an integrated approach to differential calculus and integral calculus. Topics include functions, derivatives, product and chain rules, graphs, Newton's method, maxima and minima, and other applications of differentiation, Fundamental theorem of calculus, integration techniques, definite integrals, infinite series and convergence tests.		
<i>Prerequisite: MATH 1113 or ENGR 1113K</i>		
MATH 2511	Calculus II for Engineers	4 Credits
This course is a continuation of MATH 2501 - Calculus I for Engineers. Topics include L'Hopital's Rule, Improper Integrals, Taylor Approximation, Infinite Series and Power Series, Numeric Integration, Linear Algebra, the Theory of Linear Functions and Equations in Several Variables.		
<i>Prerequisite: MATH 2501</i>		
MATH 2521	Calculus III for Engineers	4 Credits
This course is a continuation of MATH 2511, Calculus II for Engineers. Topics included are vector calculus, parametric curves and motion, functions of several variable, Newton's method in several variables, optimization, differentials, double and triple integrals, vector analysis, line integrals, surface integrals, and the theorems of Green, Gauss, and Stokes.		
<i>Prerequisite: MATH 2511</i>		
MATH 3101	Linear Algebra	3 Credits
Topics include matrix algebra, solutions of linear systems, vectors and vector spaces, linear independence, spanning sets, bases, ranks, determinants, matrix inversion, linear transformations, null space, range, and eigenvalues.		
<i>Prerequisite: MATH 2111 or MAT 213</i>		
MATH 3201	Probability & Statistics I	3 Credits
Topics include sample spaces, elementary theorems of probability, permutations and combinations, random variables, discrete and continuous distributions and density functions, mathematical expectation, and moment generating functions of probability distributions.		
<i>Prerequisite: MATH 2111</i>		
MATH 3211	Foundations of Higher Mathematics	3 Credits
Topics include sets, propositional calculus, truth tables, predicate calculus, universal and existential quantifiers, proofs about sets, basic methods of proof, mathematical induction, relations and functions, and cardinality.		
<i>Prerequisite: MATH 2121</i>		
MATH 3301	Differential Equations	4 Credits
Topics include differential equations of the first order and first degree, linear equations, variation of parameters, method of undetermined coefficients, inverse operators, Laplace transforms, systems of differential equations, and applications.		
<i>Prerequisite: MATH 2111</i>		
MATH 3401	Modern Geometry	3 Credits
A course designed to give a modern view of geometry, including advanced treatment of standard topics in Euclidean geometry, as well as the study of non-Euclidean systems.		
<i>Prerequisite: MATH 2111</i>		

MATH 3501	Numerical Analysis	3 Credits
Topics include solving of linear equations, Gauss-Seidel and Jacobi methods, error analysis, approximating functions by infinite series, iteration techniques, techniques of integration, to include trapezoidal and Simpson's rules.		
<i>Prerequisites: MATH 2111 and CSCI 1302</i>		
MATH 3602	Linear & Discrete Mathematics	4 Credits
Basics of sequences and rates of growth, counting methods, graph theory and graph algorithms, linear algebra, linear programming, and combinatorial optimization.(3-2-4)		
MATH 4101	Abstract Algebra I	3 Credits
Introductions to groups, subgroups, homomorphisms, isomorphisms, cyclic groups, permutation groups, direct products, Abelian groups, and Sylow's theorem.		
<i>Prerequisite: MATH 3211</i>		
MATH 4111	Abstract Algebra II	3 Credits
A course exploring the theory of rings, fields, integral domains, and vector spaces.		
<i>Prerequisite: MATH 4101</i>		
MATH 4201	Analysis I	3 Credits
Topics include sets and functions, the real number system, elementary topology of the real line, limits of sequence, space of continuous functions, differentiation, and Riemann integration.		
<i>Prerequisites: MATH 2121, 3211</i>		
MATH 4211	Analysis II	3 Credits
A course presenting further topics in integration, Stokes theorem, Gauss divergence theorem, infinite series, sequences and series of functions, functions of several variables, and basic measure theory.		
<i>Prerequisite: MATH 4201</i>		
MATH 4221	Complex Analysis	3 Credits
Topics include complex numbers, elementary functions, analytic functions, complex integration, Laurant and Taylor series, residues, conformal mapping, and applications.		
<i>Prerequisite: MATH 2121</i>		
MATH 4311	Probability & Statistics II	3 Credits
Topics include sampling theory, statistical inferences, estimation and tests of hypotheses, multivariate distribution, transformation of random variables, conditional and marginal distributions, and Bayesian estimation.		
<i>Prerequisites: MATH 2121 and 3201</i>		
MATH 4401	Number Theory	3 Credits
Topics include the theory of mathematical induction, divisibility theory in the integers, prime numbers and their distribution, the theory of congruences and modular arithmetic, Fermat's theorem, and number theoretic functions.		
<i>Prerequisite: MATH 3211</i>		
MATH 4411	Statistical Methods	3 Credits
Topics include statistical concepts and methods basic to experimental research in natural and social sciences, methods of estimation and tests of hypotheses, categorical data analysis (only to two-dimensional contingency tables), introduction to analysis of variance, correlation, regression, and experimental design.		
<i>Prerequisite: MATH 3201</i>		
MATH 4421	Regression Analysis	3 Credits
Topics include matrix algebra, simple linear regression, residual analysis techniques, multiple regression, nonlinear regression, dummy variables, and influence statistics.		
<i>Prerequisites: MATH 3101 or MAT 319, 3201 or MAT 217</i>		
MATH 4501	Introduction to Topology	3 Credits
Topics include fundamental concepts of topology: set theory, the real number line, continuity, compactness, connectedness, separations axioms, the axioms of choice, and metric spaces.		
<i>Prerequisite: MATH 3211</i>		

MATH 4601 **Mathematical Research** **1-3 Credits**

A course designed for students who wish to participate in mathematics seminars and independent research. Credit varies from 1 to 3 hours.

Prerequisite: Junior or senior standing

MATH 4701 **History of Mathematics** **3 Credits**

The origin and development of mathematical ideas, beginning with geometry and algebra and continuing through selected topics in modern mathematics.

Prerequisite: MATH 2111

MATH 4901 **Senior Seminar** **1-3 Credits**

A course to develop students' use of mathematical skills and a chance to explore a mathematical concept in-depth.

Mechanical Engineering**MECT 3101K** **Engineering Materials** **3 Credits**

An overview of structures, properties, and applications of metals, polymers, ceramics, and composites commonly used in industry. Problem-solving skills are developed in the areas of materials selection, evaluation, measurement, and testing. (2-2-3)

Prerequisites: CHEM 1211, 1211L

MECT 3411 **Thermodynamics** **3 Credits**

The fundamentals of thermodynamics. Use of gas tables is introduced. Property relations for ideal gasses and incompressible liquid are introduced. Application of first and second laws to closed and open systems is studied. Heat engines, refrigerators, heat pumps, availability, and irreversibility are studied.

Prerequisite: PHYS 1111K or PHYS 2211K

Military Science**MILS 1101** **Introduction to Military Science & Skills Development** **2 Credits**

Instruction providing a basic understanding of the U.S. military. The course includes the following subjects: 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, role of the ARNG and USAR, and roles of the commissioned and noncommissioned officer. Skills development includes instruction and practical exercises in basic mountaineering skills as well as knot tying, belaying, and rappelling. This course is acceptable as a PE requirement. MILS 5000 should be taken concurrently. (1-1-2)

MILS 1102 **Basic Military Leadership** **2 Credits**

This course continues the development of critical military skills, leadership, and management techniques. It provides basic leadership techniques and principles, professional ethics, and senior subordinate relationships. One weekend field trip is required. (2-1-2)

MILS 2001 **Evolution of Warfare** **2 Credits**

Science and art of warfare as practiced by American military leaders from the French and Indian Wars through present times. The role of the US Army is also examined in its social, economic, and political contexts.

MILS 2201 **Basic Military Skills** **2 Credits**

Introduction and practical exercises covering basic skills necessary as a future leader in the U.S. Army. The course includes the following subjects: land navigation and map reading, basic first aid, survival, and communications. (2-1-2)

MILS 2202 **Basic Military Tactic** **2 Credits**

Instruction introduces students to the fundamentals of Army leadership and management techniques. Focus is placed on the mission, organization, and composition of small unit teams; principles of offensive and defensive operations stressing firepower, movement, and communications techniques, and introduction to troop leading procedures. (2-1-2)

MILS 2250 **Basic Field Internship Ft. Knox, KY** **5 Credits**
An intense summer program conducted at Ft. Knox, Kentucky, for six weeks. Designed as an alternative method to meet the prerequisites of the advanced course for students who have no basic course military science instruction. **(V-V-5)**

MILS 3301 **Advanced Tactics & Applied Leadership I** **3 Credits**
Instruction on the principles of leadership and the leader's role in directing small units in a variety of tactical scenarios. Emphasis is placed on developing and executing orders, troop leading procedures, and squad tactical reaction procedures. Land navigation and communication subjects are also included in the course. **(3-2-3)**
Prerequisite: Completion of or placement credit for the Basic Course

MILS 3302 **Advanced Tactics & Applied Leadership II** **3 Credits**
Continued instruction on the principles of leadership and the leader's role in direction of small units in a tactical environment. Emphasis is placed on offensive and defensive tactics, patrolling techniques, and conducting after-action reviews. Instruction in management and leadership techniques emphasizes Green Tab Leadership and leadership assessment. **(3-2-3)**
Prerequisite: MILS 3301

MILS 3350 **Advanced Military Skills Practicum Ft. Lewis, WA** **5 Credits**
The study and practical application of military skills and leadership ability during a six-week encampment experience. Encampment and training are conducted at Ft. Bragg, N.C. Instruction and evaluations are done by U.S. Army ROTC Cadet Command. **(V-V-5)**
Prerequisites: MILS 3301 and MILS 3302

MILS 4401 **Military Leadership & Management Seminar** **3 Credits**
Instruction covers U.S. Army Command and Staff functions. Military and professional knowledge topics include writing in the Army style, oral communications, conducting briefings, preparing to conduct training, and evaluating training. **(V-1-5)**
Prerequisites: MILS 3301, MILS 3302, and MILS 3350

MILS 4402 **Transition to Lieutenant** **3 Credits**
Instruction prepares MS IV cadets in their transition from cadet/student to commissioned officer. The course also covers military law, the law of land warfare, and additional basic knowledge and individual needs to become a professional officer. **(V-1-3)**
Prerequisite: MILS 4401

Naval Science

NSCI 1001 **Introduction to Naval Science** **2 Credits**
Introduce midshipmen to NROTC program mission, organization, regulations and broad warfare components of the naval service. Included is an overview of officer and enlisted rank and rating structure, training and education, promotion and advancement and retirement policies. This course also covers naval courtesy and customs, as well as a study of the organization of the naval service. Students are familiarized with the major challenges facing today's naval officers, especially, in the areas of leadership and human resources management.
Lecture: 3.00 **Lab:** 00

NSCI 1002 **Seapower & Maritime Affairs** **3 Credits**
A survey of American Naval and Maritime history from the American Revolution to the present with emphasis on major developments. Attention will be focused on Mahan's geopolitical theory; economic and maritime forces; U.S. military and maritime strategy; and a comparative analysis of American and foreign maritime strategies.
Lecture: 3.00 **Lab:** 00

NSCI 1003 **Sailing** **3 Credits**
A foundation course that provides students with fundamental knowledge and skills to be a competent crew member. The course covers the basic theory of sailing, nomenclature, seamanship, boat equipment and safety, and application inland waters navigation rules for sailing craft. Upon completion of this course, students will be Skipper "B" qualified. Practical skills to be mastered consist of rigging and sailing from a pier; sail to weather; sail two figure eight courses with two tacks and two jibes; man overboard maneuver; a capsizes; return to dock and secure.
Lecture: 2.00 **Lab:** 1.00

- NSCI 2101** **Naval Ships Systems I Engineering** **3 Credits**
A detailed study of ship characteristics and types, including ship design, hydrodynamics forces, stability, compartmentalization, propulsion, electrical and auxiliary systems, interior communications, ship control and damage control. Basic concepts or the theory and design of steam, gas turbine and nuclear propulsion, shipboard safety and firefighting are also covered.
Lecture: 3.00**Lab:** 00
- NSCI 2102** **Leadership & Management** **3 Credits**
An introduction of management functions as they apply to routine daily military activities. The concepts of planning, organizing, staffing, directing, controlling and coordination are introduced and examined using lecture, seminar and case study methods. The course includes discussions on responsibility and accountability, power and influence, managerial theories, decision making, personnel appraisal, organizational structure and communications. Emphasis is placed on management of personnel and physical resources.
Lecture: 3.00**Lab:** 00
- NSCI 3003** **Navigation** **3 Credits**
An in-depth study of piloting and celestial navigation theory, principles, and procedures, as well as the rules of the nautical road, ship employment and relative motion analysis. Students learn piloting navigation: the use of charts, visual and electronic aids, and the theory and operation of compasses. Celestial navigation is covered in depth. Students develop practical skills in piloting, celestial navigation, and relative motion analysis. Other topics include tides, currents, effects of wind and weather, use of navigational instruments, ship employment, types and characteristics of electronic navigation systems, naval command and control, and afloat naval communications.
Lecture: 2.00 **Lab:** 1.00
- NSCI 3004** **Naval Operations & Seamanship** **3 Credits**
A study of basic naval command and control, forms of naval communications to include visual, radiotelephone and satellite systems. Students will know basic terms, equipment procedures and safety precautions used for replenishment at sea (UNREP). A study of controllable and non-controllable forces in ship handling, and comprehends relative motion and demonstrates capability to solve problems associated with relative motion. Students will also know the principle rules for maneuvering ships in formations and the use of tactical publications. Understand in port and at sea watch organization and procedures.
Prerequisite: NSCI 3003 Navigation
Lecture: 2.00 **Lab:** 1.00
- NSCI 3101** **Evolution of Warfare** **3 Credits**
This course traces the historical development of warfare from the dawn of recorded history to the present, focusing on the impact of major military theorists, strategist, tacticians, and technological developments. Students acquire a basic sense of strategy, development and understanding of military alternatives, and become aware of the impact of historical precedent on military thought and actions.
Lecture: 3.00 **Lab:** 00
- NSCI 4001** **Naval Ships Systems II Weapons** **3 Credits**
This course outlines the theory and employment of naval RADAR, SONAR, and weapons systems. Students explore the processes of detection, evaluation, threat analysis, weapon selection, delivery, guidance and naval ordnance. Fire control systems, major weapons types, and military platforms are discussed. The concept of command-control- communications and intelligence is explored as a means of weapons systems integration as are space and electronic warfare.
Lecture: 3.00 **Lab:** .00
- NSCI 4050** **Naval Drill** **0 Credit**
Introduces the student to basic military formations, movements, commands, courtesies and honors, and provides practice in unit leadership and management. Physical conditioning and training are provided to ensure students meet Navy/Marine Corps physical fitness standards. NSCI 4050 is required each semester for all NROTC students.
Lecture: .00 **Lab:** 0.00
- NSCI 4102** **Amphibious Warfare** **3 Credits**
A historical survey of the development of amphibious doctrine and the conduct of amphibious operations. Emphasis is placed on the evolution of amphibious warfare in the 20th century, especially, during World War II. Present day, potential, amphibious operations and their limitations, including the rapid deployment force concept, will be discussed.
Lecture: 3.00 **Lab:** .00
Restrictions: Must be a Junior or Senior

NSCI 4104 **Leadership & Ethics** **3 Credits**
 A study of military leadership and management which investigates techniques and concepts of task accomplishment in the absence of a normative business environment. The course includes an examination of military law, ethical leadership, personal responsibility, authority and bureaucracy. The focus of discussion is on those aspects of leadership and management not normally present in civilian enterprise such as operation in the presence of hostility and morale management.
Prerequisite: NSCI 2102
Lecture: 3.00 **Lab:** .00

Physical Sciences

ENVR 3101K **Environmental Radiation** **4 Credits**
 A study of radioisotopes and radiation energy in the environment. Topics to be discussed are atomic structure and nuclear radiation, radioactive decay, interaction of charged particles and electrons with matter, methods of radiation detection, radiation dosimetry and radiation protection. (3-2-4)
Prerequisites: PHYS 1111K, PHYS 1112K, and General Inorganic Chemistry

GEOL 1121K **Physical Geology** **4 Credits**
 A course designed for students majoring in environmental science. The course is also useful for students majoring in civil engineering, marine science, and naval science who may take it as an elective. Topics include composition of the earth and its minerals, volcanoes, and earthquakes and their causes. (3-2-4)
Prerequisites: MATH 1111 and basic knowledge of chemistry and physics

PHSC 1011K **Physical Science I** **4 Credits**
 A course examining scientific facts and scientific laws pertaining to the physical universe. (3-2-4)

PHSC 1012K **Physical Science II** **4 Credits**
 A study of the earth in space, its form on the geographic grid, and map projections, atmosphere; oceans, ocean tides, and the eclipses; climate; soils and vegetation; temperature; latitude; heat budget of the earth. The earth's crust and its relief forms are discussed. (3-2-4)

Physics

PHYS 1111K **Introductory Physics I** **4 Credits**
 An introductory course, which includes material from mechanics, thermodynamics, and waves. Elementary algebra and trigonometry are examined. (3-2-4)
Prerequisite: MATH 1113

PHYS 1112K **Introductory Physics II** **4 Credits**
 An introductory course, which includes material from electromagnetism, optics, and modern physics. Elementary algebra and trigonometry are examined. (3-2-4)
Prerequisite: PHYS 1111K

PHYS 2211K **Principles of Physics I** **4 Credits**
 An introductory course, which includes material from mechanics, thermodynamics, and waves. Elementary differential calculus is used. (3-2-4)
Prerequisite: MATH 2101 or MATH 2501

PHYS 2212K **Principles of Physics II** **4 Credits**
 An introductory course, which includes material from electromagnetism, optics, and modern physics. Elementary differential and integral calculus are examined. (3-2-4)
Prerequisite: PHYS 2211K

PHYS 3111 **Heat & Thermodynamics** **3 Credits**
 Mathematical background and preparation, equations of state, ideal and real gases, kinetic theory of gases (temperature and temperature scales, heat capacity and calorimetry, work, Laws of Thermodynamics), the enthalpy function and thermo-chemistry, Joule-Thomas experiment, entropy functions, free energy, phase rule.
Prerequisite: PHYS 2211K

PHYS 3121	Optics	3 Credits
Advanced topics in optics; a continuation of PHYS 2212K. <i>Prerequisite: PHYS 2212K</i>		
PHYS 3131	Magnetism & Electricity	3 Credits
Advanced topics in electricity and magnetism; a continuation of PHYS 2212K. <i>Prerequisite: PHYS 2212K</i>		
PHYS 3211	Mathematical Physics	3 Credits
A course designed to develop an understanding of the concrete relationship between mathematical factors that contribute to various physical phenomena; qualitative and quantitative relationships. <i>Prerequisites: MATH 2111 and PHYS 2212K</i>		
PHYS 4111	Modern Physics	3 Credits
Recent advances in atomic and nuclear physics. <i>Prerequisites: MATH 2111, PHYS 2212K and at least one upper-level physics course</i>		
PHYS 4951	Introduction to Research in Physics	2 Credits
An introduction to the techniques and procedures used in physics research problems. (1-2-2) <i>Prerequisites: Junior standing in mathematics and physics; the consent of the instructor; completion of at least one 3100 or 4100 level physics course</i>		

University College/Center for Academic Success

Student Academic Assistance Program (Learning Support)

ENGL 0099 **Fundamentals of English** **3 Credits**
An exit level course in standard English, providing instruction in basic grammar, sentence mechanics, paragraph and essay composition, and test-taking skills. A diagnostic examination at the beginning of the course will identify specific areas needing improvement. Institutional credit only. **(3-0-3)**

MATH 0097 **Fundamental Mathematics I** **3 Credits**
An entry level course designed to satisfy the needs of students whose knowledge of Introductory Algebra falls below the established cut-off COMPASS score for Math 0097. In this course, students will review concepts related to real numbers and variables, solving linear equations and inequalities, as well as systems of linear equations and inequalities, operations with exponential and polynomial expressions.
Prerequisite: Appropriate cut-off placement score on COMPASS. Institutional credit only. (3-0-3)

MATH 0099 **Fundamental Mathematics II** **3 Credits**
An exit level course designed to satisfy the needs of students whose knowledge of Intermediate Algebra falls below the established COMPASS cut-off score for Math 0099. In this course, students will review concepts related to factoring quadratic polynomials, operations of rational expressions, operations of roots and radicals, solving quadratic equations and inequalities, graphing nonlinear functions and conic sections, and exponential and logarithmic functions and their properties.
Prerequisite: MATH 0097 or appropriate cut-off placement score on COMPASS. Institutional credit only. (3-0-3)

READ 0099 **Foundations of Reading** **3 Credits**
A laboratory-oriented course designed to expand students' reading skills for creative, critical, and interpretive reading, and to prepare students to pass the post CPE/COMPASS. The course is designed for pre-college level reading reinforcement, focusing on three major areas: word recognition, advanced literal and inferential comprehension, and study skills. Reinforcing Writing-Across-the-Curriculum, this course encourages students to use current events to develop multi-paragraph essays and other writing activities both in and out of class. Institutional credit only. **(2-1-3)**

Regents' Preparation Courses

RGTR 0198 **Regents' Reading Preparation** **3 Credits**
The Regents' Reading course is intended to ensure that all graduates of USG institutions possess certain minimum skills in reading comprehension. Students work on improving their comprehension of material drawn from a variety of subject areas (social science, natural science and humanities) with various modes of discourse (exposition, narration and argumentation). Critical thinking and the following four major aspects of reading are emphasized: vocabulary in context, inferential and literal comprehension, and analysis. Institutional credit only. **(3-0-3)**

RGTE 0199 **Regents' Essay Preparation** **3 Credits**
The Regents' Writing Skills course is intended to ensure that all graduates of USG institutions possess certain minimum skills in writing. Students learn to evaluate their own writing strengths and weaknesses and work on improving their writing skills so that they are able to write an essay meeting the Regents' criteria. Institutional credit only. **(3-0-3)**

University Personnel

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Alumni
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Army ROTC
Program & Scholarship Information
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Athletics
Director of Athletics
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Career Services
Coordinator for Career Services
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(912) 358-3128

Disability Services
Box 20524
(912) 358-3115

Employee Tuition Remission Program
Director of Human Resources
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Financial Aid, Grants, Loans, & Work-Study Eligibility
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Box 20509
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General Academic & Faculty Matters
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Gifts, Grants & Bequests
Vice President for Institutional Advancement
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356-2286

Graduate Studies
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Naval ROTC
Program & Scholarship Information
Box 20299
(912) 358-3095

Public Information
Director of University Communications
Box 20439
(912) 358-3049

Registration/Records/Transcripts
Registrar
Box 20479
(912) 358-2000

Security
Public Safety
Box 20336
(912) 358-3004

Student Employment
Human Resources
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(912) 358-4194

Student Government Association
Student Government Officers
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Student Information
Vice President for Student Affairs
Box 20521
(912) 358-3118

Tuition, Payment of Bills, Refunds
Office of the Bursar/Cashier
Box 20419
(912) 358-4042

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