Kennesaw State University

Undergraduate Catalog

2011-2012

General Directory

Kennesaw State University
1000 Chastain Road
Kennesaw, Georgia 30144-5591
www.kennesaw.edu

Admissions
(770) 423-6300
http://www.kennesaw.edu/admissions

Bookstore
(770) 423-6261
http://bookstore.kennesaw.edu

Student Success Services
(770) 423-6600
http://www.kennesaw.edu/studentsuccess

Financial Aid
(770) 423-6074
http://www.kennesaw.edu/financial_aid

Financial Services
(770) 423-6021
http://financialservices.kennesaw.edu/

Library
(770) 423-6202
http://www.kennesaw.edu/library

Registrar
(770) 423-6200
http://web.kennesaw.edu/registrar

For specific registration deadlines, refer to the ***Schedule of Credit Courses***.
https://web.kennesaw.edu/registrar/students/schedule_of_classes/main

See the back of the catalog for a campus map and an application for admission.

Online admission is available at:
www.kennesaw.edu/admissions

Academic Deans:

College of the Arts
(770) 423-6742
http://www.kennesaw.edu/arts

Michael J. Coles College of Business
(770) 423-6425
http://coles.kennesaw.edu

Bagwell College of Education
(770) 423-6117
http://www.kennesaw.edu/education

Wellstar College of Health
and Human Services
(770) 423-6565
http://www.kennesaw.edu/col_hhs

College of Humanities
and Social Sciences
(770) 423-6124
http://hss.kennesaw.edu/

College of Science and Mathematics
(770) 423-6160
http://science.kennesaw.edu

Undergraduate Studies and University College
(770) 499-3550
http://www.kennesaw.edu/universitycollege

INSIGHT
Information Sessions

Each week Monday through Thursday afternoons from 4:00 p.m. to 5:00 p.m. and on Fridays from 10:00 a.m. to 11:00 a.m., the Office of Admissions hosts INSIGHT information sessions for prospective students. These sessions include a video, student testimonials, overview with an admissions counselor and optional campus tour. Call (770) 423-6300 for the location of this week's INSIGHT information session.

Additional directory information is located on the inside back cover.

Kennesaw State University

A Unit of the University System of Georgia

2011-2012 Undergraduate Catalog

1000 Chastain Road

Kennesaw, Georgia 30144-5591

(770) 423-6000

www.kennesaw.edu

The information herein is accurate as of July 2010. For the most up-to-date information, please consult our website at: ***http://catalog.kennesaw.edu.***

The 2011-2012 University Undergraduate Catalog

This catalog was prepared in the Fall of 2010. The material presented is for informational purposes only and should not be construed as the basis of a contract between a student and this institution.

While the provisions of this catalog will ordinarily be applied as stated, Kennesaw 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 new information and/or changes in provisions listed in this catalog. The *Schedule of Credit Courses* is considered an extension of this catalog. Both the online catalog and the *Schedule of Credit Courses* (***http://www.kennesaw.edu/registrar***) are always the most current, and printed copies are available in the Office of Admissions and the Registrar, respectively.

It is incumbent on students to keep apprised of the graduation requirements for the degree they are pursuing.

Students have the responsibility to read this catalog, official announcements, notices posted on bulletin boards and otherwise to be informed completely in regard to the programs of studies, credits, degree requirements, quality points and other facts relating to life at this university. KSU has established a free student account email system and will periodically email students with important messages. The university will use this email system exclusively to communicate with students.
In the event that an administrative hearing officer or a court of record determines that "publications" issued by the university create a contractual or quasi-contractual relationship with any person, the amount of damages recoverable by the parties shall be limited to the amount of consideration paid by the person for the privilege of admission, enrollment, continued enrollment or other service rendered by the institution to such person.

As used herein, the term "publications" (without limiting the generality of the normal meaning of the term) shall be deemed to include any and all written forms or other documents issued by the institution concerning applications for admission, enrollment or continued enrollment, waivers of liability, consents to medical treatment and any and all other written forms, documents, letters or other materials issued by the university in furtherance of its educational mission.

Equal Opportunity/ Affirmative Action

Kennesaw State University is an affirmative action/equal educational and employment opportunity institution and does not discriminate on the basis of race, religion, color, sex, age, disability, national origin, or sexual orientation.

Kennesaw State University
1000 Chastain Road
Kennesaw, GA 30144-5591
(770) 423-6000
http://www.kennesaw.edu

Cover design by Jamie Grimes.

Welcome from the President

Dear Students:

Welcome to Kennesaw State University! You are attending a fine university, and during the course of this and upcoming years, it will become even better. KSU's faculty, staff, and administration are committed to excellence in everything we do, and I am sure that you, as a student, are also committed to excellence.

Over the years, Kennesaw State has grown from a small two-year institution to what it is today—a comprehensive university with more than 20,000 students offering bachelors, masters, and doctoral degrees, and a host of programs centered on students, student life, and student learning. KSU is now a destination campus, and an exciting place to be.

At both the undergraduate and graduate levels, KSU is first and foremost a learning community, a diverse body of people of all ages, each of whom is striving to learn and to understand more about himself or herself, the world, and the many activities and endeavors that humans pursue. During your time here at Kennesaw State, you will discover many things about yourself and your world, and you will grow in ways you never imagined as you improve your capabilities and skills. I wish you well in your journey of discovery and growth.

KSU has also long prided itself, and rightfully so, on being an engaged learning community. Kennesaw State's students, faculty, staff, and administration are engaged with each other, learn from each other, and help each other learn. Members of the KSU family are also engaged with the world beyond the campus, playing a large and growing role in business and industry, government and public affairs, and the service and support sectors, both as leaders and as active participants.

Again, welcome to Kennesaw State! I am pleased that you have chosen KSU as your university, and we all look forward to helping you learn, and to learning from you.

Sincerely,

Daniel S. Papp

President

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Programs of Study

Undergraduate Degrees

Accounting B.B.A.
African and African Diaspora Studies B.A.
Anthropology B.S.
Art B.F.A.
Art Education B.S.
Art History B.A.
Biochemistry B.S.
Biology B.S.
Biotechnology B.S.
Biology Education B.S.
Birth through Five Education B.S.
Chemistry B.S.
Communication B.S.
Computer Science B.S.
Criminal Justice B.S.
Dance B.A.
Economics B.B.A.
Elementary and Early Childhood Education B.S.
English B.A.
English Education B.S.
Exercise and Health Science B.S.
Finance B.B.A.
Geographic Information Science B.S.
Geography B.A.
Health and Physical Education B.S.
History B.A.
History Education B.S.
Human Services B.S.
Information Security and Assurance B.B.A.
Information Systems B.B.A.
Integrative Studies B.S.
International Affairs B.A.
International Business B.B.A.
Management B.B.A.
Marketing B.B.A.
Mathematics B.S.
Mathematics Education B.S.
Middle Grades Education B.S.
Modern Language and Culture B.A.
Music B.A.
Music Education B.M.
Music Performance B.M.
Nursing B.S.N
Philosophy B.A.
Political Science B.S.
Psychology B.S.
Professional Sales B.B.A.
Sociology B.S.
Sport Management B.S.
Theatre and Performance Studies B.A.

Undergraduate Certificate Programs

Alternative Dispute Resolution Certificate
Applied Mathematics Certificate
e-Business Systems Certificate
European Union Studies Certificate
Endorsement in Computer Science Education
Geographic Information Systems Certificate
Forensic Chemistry Certificate
Information Security and Assurance Certificate
Information Technology Certificate
Latin American Studies Certificate
Leadership Studies Certificate
Music and Entertainment Business Certificate
Nonprofit Leadership Alliance Certificate
Professional Politics Certificate
Public History Certificate
Regulatory Affairs and Clinical Trials

OFF-CAMPUS AND DISTANCE EDUCATION PROGRAMS

Undergraduate Degree Programs Off-Campus
Nursing B.S.N. at Appalachian Technical College
Nursing B.S.N. at Georgia Highlands College

Graduate Degree Programs
Off-Campus
Coles MBA at Cobb Galleria
Coles MBA at Dalton State College
AT&T on-site EMBA

Fully Distance Education
Management B.B.A.

Collaborative and Fully Distance Education
Georgia Web M.B.A.

Honors Program
(See University College section of this catalog)

Formal Minors
Accounting Minor
African and African American Studies Minor
American Studies Minor
Anthropology Minor
Applied Mathematics Minor
Applied Statistics and Data Analysis Minor
Art History Minor
Asian Studies Minor
Business Law Minor
Chemistry Minor
Chinese Studies Minor
Classical Studies Minor
Coaching Minor
Criminology Minor
Dance Minor
Economics Minor
Environmental Studies Minor
Film Studies Minor
Finance Minor
French and Francophone Studies Minor
Gender and Women's Studies Minor
Geography Minor
German Studies Minor
Gerontology Minor
History Minor
Information Security and Assurance Minor
Information Systems Minor
International Affairs Minor
Italian Studies Minor
Language and Literary Studies Minor
Latin American Studies Minor
Legal Studies Minor
Management Minor
Marketing Minor
Military Leadership Minor
Music Minor
Native-American Studies Minor
Operations and Purchasing Minor
Peace Studies Minor
Philosophy Minor
Professional Sales Minor
Professional Writing Minor
Religious Studies Minor
Sociology Minor
Spanish Minor

Preprofessional Study
Army Military Science, ROTC
Dentistry
Engineering
Forestry
Law
Medicine
Optometry
Pharmacy
Podiatry
Veterinary Medicine
Accelerated Bachelor's-Master's Degree Option
(See Preparation for Post-Baccalaureate Study section of this catalog)

Doctorate, Specialist, Graduate and Professional Degrees
Accounting MAcc
Adolescent Education M.Ed.
Advanced Care Management and Leadership MSN
American Studies, MA
Applied Exercise and Health Science MS
Applied Statistics MS
Art Education M.A.T
Business Administration/Information Systems Dual Master's Degree
Business Administration/Public Administration Dual Master's Degree
Coles DBA
Coles MBA
Coles Executive MBA
Conflict Management MSCM
Criminal Justice MSCJ
Educational Leadership for Learning Ed.D.
Educational Leadership for Learning Ed.S. (Performance-Based)
Educational Leadership M.Ed.
Elementary and Early Childhood Education M.Ed.
Georgia WebMBA
Inclusive Education M.Ed.

Information Systems MSIS
Instructional Technology M.Ed.
Integrated Global Communication MA
International Conflict Management, Ph.D.
International Policy Management MS
Nursing Science DNS
Professional Writing MAPW
Public Administration MPA
Secondary English (6-12) M.A.T.
Secondary Mathematics (6-12) M.A.T.
Secondary Science (6-12) MAT
Social Work, MSW
Teacher Leadership for Learning Ed.D.
Teacher Leadership for Learning Ed.S.
TESOL M.A.T.
WellStar Primary Care Nurse Practitioner, MSN

Academic Calendar

University Calendar

Summer Term 2010

SUMMER SEMESTER 2011
MARCH 2011
March 21 - May 2
Early Registration
APRIL 2011
April 8
Admissions and Document Deadline for Summer Semester 2011
April 11
Last Day to Petition to Graduate for Summer Semester 2011
MAY 2011
May 2
Early Registration Payment Deadline
May 12 - 26
Final Registration
May 16
First Day of Classes: May Session
Last Day to Register and Drop / Add for May Session
May 20
Last Day to Withdraw Without Academic Penalty - May Session
May 27
Last Day of Classes and Exams - May Session
May 30
Holiday – NO CLASSES
May 31
Department Planning Day – No Registration
JUNE 2011
June 1 - 7
Drop/Add
June 1

First Day of Classes: Four Week Session I and Eight Week Session
June 6
First Day of classes: Six - Week Session
June 8
Final Grades Due: 5:00 p.m., May Session
June 13
Final Payment Deadline
June 15
Last Day to Withdraw Without Academic Penalty - Four Week Session I
June 27
Last Day of Classes: Four Week Session I
June 28
Final Exams: Four Week Session I
Last Day to Withdraw Without Academic Penalty - Six Week
June 29
First Day of Classes: Four Week Session II
Last Day to Withdraw Without Academic Penalty - Eight Week Last Day to Register and Drop/Add for Four Week Session II
JULY 2011
July 1
Last Day to Petition to Graduate Fall 2011
July 2 - 4
Holiday - NO CLASSES
July 8
Final Grades Due: 5:00 p.m., Four Week Session I
July 14
Last Day to Withdraw Without Academic Penalty – Four Week Session II
July 15
Last Day of Classes: Six Week Session
July 18 - 19
Final Exams: Six Week Session
July 26
Last Day of Classes:
Four Week Session II
Eight Week Session
July 27 - 31
Final Exams:
Four Week Session II
Eight Week Session
August 2011
August 2 - 3
Graduation (Tentative)
August 2
Final Grades Due: 5:00 p.m., Four Week Session II, Six Week Session,
Eight Week Session

Fall Semester 2010

JANUARY 2011
January 14
Admissions and Document Deadline for JEHP
APRIL 2011
April 4 - May 26
Early Registration
MAY 2011
May 13
Application and Document Deadline for Freshmen and Transfer/Freshmen students
JUNE 2011
June 24
Application and Document Deadline for all other classifications
JULY 2011
July 1
Last Day to Petition to Graduate for Fall Semester 2011
July 18 - August 8
Early Registration Continued

AUGUST 2011
August 8
Early Registration Payment Deadline
August 15 - 16
Final Registration
August 17
First Day of Classes
August 17 - 23
Drop/Add
August 29
Final Payment Deadline
SEPTEMBER 2011
September 3 - 5
Labor Day Break - NO CLASSES (Saturday – Monday)
OCTOBER 2011
October 12
Last Day to Withdraw Without Academic Penalty
NOVEMBER 2011
November 23 - 27
Fall Break - NO CLASSES (Wednesday – Sunday)
November 24 - 27
University Closed
DECEMBER 2011
December 5
Last Day of Classes
December 6 - 12
Final Exams
December 13 - 14
Graduation (Tentative)
December 15
Final Grades Due: 5:00 p.m.
AUGUST MINIMESTER 2011
August 5

Registration and Drop/Add (In person in Registrar's Office for New Students)
August 6
First Day of Classes
August 9
Last Day to Withdraw Without Academic Penalty
August 12
Last Day of Classes and Final Exams
August 19
Final Grades Due: 5:00 p.m.
August 6
Last Day of Classes and Final Exams
August 13
Final Grades Due: 10:00 a.m.

Spring Semester 2011

NOVEMBER 2011
November 1
Last Day to Petition to Graduate for Spring 2012
November 7 - December 5
Early Registration (Tentative)
November 11
Application and Document Deadline for New and Transfer Freshmen, Undergraduates, Graduates and Readmission for Spring Semester 2012
DECEMBER 2011
December 5
Early Registration Payment Deadline
December 19 - 31
University Closed (Tentative)
JANUARY 2012
January 1
University Closed (Tentative)
January 4 - 5
Final Registration (Tentative)

January 6
Departmental Planning Day - No Registration
January 7
First Day of Classes
January 7 - 13
Drop/Add (Tentative)
January 16
HOLIDAY - No classes
January 19
Final Payment Deadline (Tentative)
MARCH 2012
March 3 - 9
Spring Break - NO CLASSES (Saturday - Friday)
March 12
Last Day to Withdraw Without Academic Penalty
APRIL 2012
April 30
Last Day of Classes
MAY 2012
May 1 - 7
Final Exams
May 8 - 10
Graduation (Tentative)
May 10
Final Grades Due: 5:00 p.m.
DECEMBER MINIMESTER 2011
December 12
Registration and Drop/Add
(In person in Registrar's Office for New Students)
December 13
First Day of Classes
December 16
Last Day to Withdraw Without Academic Penalty
December 19
Last Day of Classes and Final Exams
January 6, 2012
Final Grades Due: 5:00 p.m.

https://web.kennesaw.edu/registrar/share/academic_calendars

Refer to the Schedule of Credit Courses for specific registration deadlines.

About Kennesaw State

KSU Today

Kennesaw State University, one of the fastest-growing members of the University System of Georgia, offers high-quality education to students throughout metro-Atlanta and northwest Georgia.

To meet the needs of today's students, Kennesaw State offers day, evening and weekend classes on its spacious suburban campus. Both traditional and nontraditional students will find programs of study to fit their lifestyles and interests.

Kennesaw State's mission of education and service will grow with northwest Georgia. Providing the leadership in this mission is President Daniel S. Papp, former senior vice chancellor for the University System of Georgia.

Accreditation

Kennesaw State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, specialist and doctoral degrees. Inquiries related to the university's accreditation by the Commission may be directed to COC/SACS, 1866 Southern Lane, Decatur, Georgia 30033-4097, telephone 404-679-4500, website: *http://www.sacscoc.org* . Questions related to admissions and the policies, programs, and practices of KSU should be directed to the university's offices, catalogs, publications, or websites.

The Commission on Colleges of the Southern Association of Colleges and Schools (SACS/COC) is the recognized regional accrediting body in eleven U.S. Southern states and in Latin America for institutions of higher education that award associate, baccalaureate, master's or doctoral degrees.

The bachelor's and master's degree programs in business are fully accredited by The Association to Advance Collegiate Schools of Business (AACSB International). *http://www.aacsb.edu*.

The undergraduate and graduate degrees in accounting also have separate AACSB accreditation.

The undergraduate and graduate professional education programs are approved by the Georgia Professional Standards Commission for state certification, are nationally recognized by specialized professional associations (SPA's), and are fully accredited by the National Council for Accreditation of Teacher Education (NCATE).

The undergraduate music programs are fully accredited by the National Association of Schools of Music (NASM). The bachelor's program in theatre is fully accredited by the National Association of Schools of Theatre (NAST). The undergraduate programs in visual arts are fully accredited by the National Association of Schools of Art and Design (NASAD).

The baccalaureate program in nursing is approved by the Georgia Board of Nursing, and both the baccalaureate and master's nursing programs are fully accredited by the Commission on Collegiate Nursing Education (CCNE), the accrediting body of the American Association of Colleges of Nursing (AACN) at One Dupont Circle, NW, Suite 530, Washington, DC 20036-8476, *www.aacn.nche.edu* .

The undergraduate computer science and information systems programs are fully accredited by the Accreditation Board for Engineering & Technology (ABET). The undergraduate chemistry and biochemistry programs are nationally approved by the American Chemical Society (ACS).

Institutional Mission

Kennesaw State University Vision

Kennesaw State University is among the best learning-centered comprehensive universities in the country and is expanding its programs of distinction to meet state and national needs. KSU provides excellent and accessible education, promotes research and scholarship, fosters community engagement, supports intellectual inquiry, and contributes to economic development. KSU alumni are well educated in the liberal arts, leaders in their chosen professions, and engaged citizens whose global awareness and lifelong learning make them visionary leaders for Georgia, the nation, and the world.

Kennesaw State University Mission

Kennesaw State University is a comprehensive public university that serves primarily northwest Georgia and Atlanta. With nationally recognized liberal arts, professional, and continuing education programs, KSU offers exemplary disciplinary and interdisciplinary education at the baccalaureate, master's, specialist, and professional doctoral levels. KSU's students prosper in a supportive environment with faculty, staff, and administrators who are vitally engaged in student life. KSU's academic programs are collaborative and creative, emphasizing both the development and application of knowledge. The KSU community values and promotes integrity, global awareness, technological literacy, diversity, and lifelong learning.

Kennesaw State University Goals

KSU's 2007-2012 Strategic Plan identifies the following as the University's five leading goals:

Goal 1: *To enhance and expand academic programs and delivery.*

Goal 2: *To improve retention, progression, and graduation rates while maintaining high quality.*

Goal 3: *To expand campus resources and enhance campus infrastructure.*

Goal 4: *To enhance student life activities and prepare students to be leaders.*

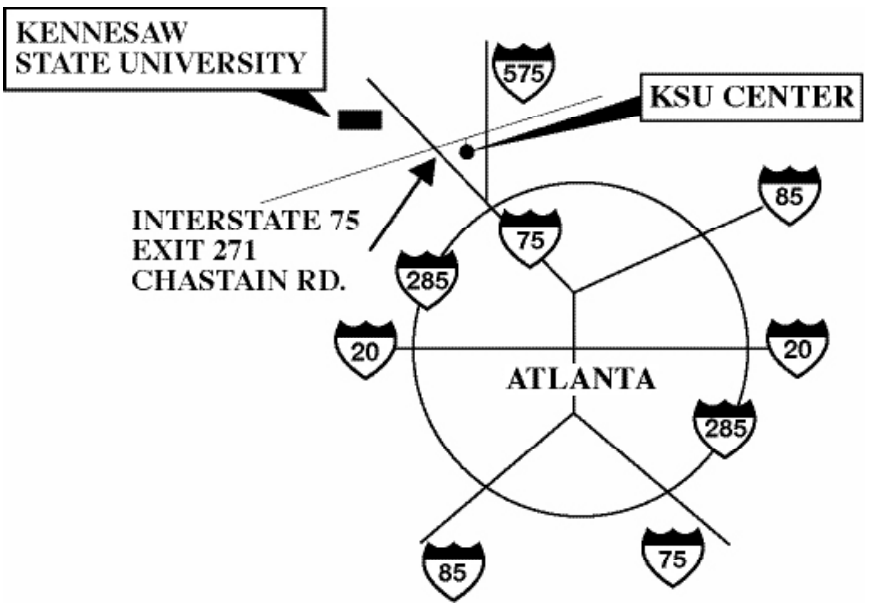
Goal 5: *To improve service, strengthen accountability, and establish a stronger sense of community.*

Goal 6: *To promote an inclusive campus environment through the adoption of policies, procedures, and curricula that are guided by the principles of diversity, equity, transparency, and shared governance*

The Campus

Kennesaw State University is convenient to the greater Atlanta area and Northwest Georgia. To visit the main campus, take I-75 to Chastain Road, Exit 271, and go west on Chastain Road, about one-quarter mile. See a campus map at *http://www.kennesaw.edu/campusmaps.shtml* .

Location Map



Admission

Undergraduate Admission Policies

Kennesaw State University welcomes applications from all qualified students regardless of race, sex, religion, disability, or cultural background. Admission to Kennesaw State is based on a number of factors depending upon your category of entry and previous educational experience. The university's admission requirements have been developed in accordance with the rules and regulations of the KSU faculty and the Board of Regents of the University System of Georgia.

Applicant credentials must indicate a reasonable chance of successful completion of academic work at Kennesaw State University. Admission decisions are based on your previous record of appropriate academic preparation, academic performance, test scores, personal qualities and experience. It is the responsibility of the potential applicant to review admission standards in advance to determine the likelihood of eligibility.

With appropriate administrative concurrence, the University Admissions Office reserves the right to make other exceptions on a limited basis to specific requirements when, in the professional judgment of the director of admissions, the special circumstances and offsetting strengths of a particular application file warrant such exceptions.

It may become necessary to request additional testing for a more accurate assessment of your ability to succeed or to qualify for study at the university level or for placement. If your file is not completed in time for such testing to be scheduled prior to registration, it may be necessary to update your application to a future semester.

Admission is a selective process and meeting deadlines or minimum requirements will not necessarily guarantee acceptance. It is the responsibility of the applicant to review admission standards in advance to understand the likelihood of eligibility. If an applicant fails to enroll for the term of application, a new application and application processing fee must be submitted. After twelve months, all documents are purged and destroyed and the entire application process including credentials must be repeated.

Approval for admission is valid only for the term specified at the time of acceptance and does not imply that approval will be granted for a term not specified. Any changes in your record due to completion of additional course work prior to enrollment or a change in semester of entry for which approval has not been given will necessitate a new review of your application file. Changing the semester of entry requires submission of a new application, processing fee and after one year, new supporting credentials will be required.

Admission Sequence

Admission to the university is primary and is a sequential prerequisite to any other program admission or departmental or athletic scholarship award.

Admission to Kennesaw State University as an undergraduate student does not automatically admit the individual to teacher education, nursing, business or other programs with internal admission criteria. Separate application processes are required for formal admission to such professional programs, and such admission decisions are typically made after a prescribed amount of course work has been completed with satisfactory grades by the applicant. Details of such program level admission requirements can be found in the section of this catalog that outlines degree program requirements.

Application and Document Deadline Procedures

Applications for admission and all required credentials (such as transcripts and test scores) must be submitted by established deadlines. New applications received after the deadline dates will be processed for the following term. The KSU Office of Undergraduate Admissions provides you with application deadlines. Please note these dates are tentative until final decisions are established regarding confirmed registration dates for each term.

Unless otherwise noted for a specific category of applicant, the application file for admission is complete and ready for review when the Office of University Admissions (Kennesaw State University, 1000 Chastain Road, Mailbox # 9111, Kennesaw, GA 30144-5591) has received the following:

- A completed Undergraduate Application for Admission to Kennesaw State University submitted online with a nonrefundable fee;
- Official scores on all required college entrance tests (typically SAT or ACT; some applicants may also be required to have SAT II subject test scores, TOEFL scores, or placement test scores). All test scores must be sent from the testing service to KSU;
- Official high school and college transcripts mailed directly from those institutions to KSU;
- The GED is not acceptable for the traditional first year freshman

At any time during the application or enrollment process, the University may require any applicant to appear for a personal interview and/or to take standardized achievement, assessment, placement, and psychological tests which it deems appropriate in arriving at a decision regarding the applicant's general qualifications for admission.

The University reserves the right to withdraw admission prior to or following enrollment if the student has falsified application materials or otherwise demonstrated ineligibility as determined by the standards of the University or Board of Regents.

University Admission's website may be used by applicants 24 hours a day to check on the status of application and documents. Additional admission information, online applications and application status check as well as electronic undergraduate and graduate university catalogs are available at: *www.kennesaw.edu*

Upon acceptance and prior to enrollment, any student with a documented disability or special need must notify the University of any particular accommodations required. Please contact the Office of Disabled Student Support Services in the Student Development Center at (770) 423-6443.

Requirements for Admission from High School

Applicants are again reminded that university admission is a selective process and that meeting minimum requirements does not guarantee acceptance. Applicants with the strongest credentials for admission will typically be given preference when acceptances are restricted due to space and resource limitations and to a larger number of qualified applicants than can be reasonably accommodated by the university.

College Preparatory Requirements

The College Preparatory Curriculum (CPC) is a key factor considered in freshman admissions decisions. Completion of the University System of Georgia's College Preparatory Curriculum requirements at a regionally accredited or University system recognized high school is expected of most successful traditional freshman applicants.

For applicants graduating from high school prior to 2012, a minimum of 16 CPC units (Carnegie units which equate to four years of completed high school study) are required in the following subject areas:

Areas (Units)	**Required Course Emphases**
*English (4):	Grammar and Usage
	American & World Literature
	Advanced Composition Skills
	*ESL courses are not recognized to satisfy CPC English unless documented by the high school.
Mathematics (4):	Algebra I
	Geometry
	Algebra II
	Advanced Math
Science (3):	Laboratory courses in Life Science
	Laboratory courses in Physical Science
Social Science (3):	American Studies
	World Studies
	Economics & Government (or appropriate substitution)
Foreign Language (2):	Must be in the same language
Students graduating from high school in 2012 or later must meet the above requirements with the folowing changes -(17 units):	
Mathematics (4):	Mathematics I, II, III and a fourth year of advanced math or equivalent courses * In limited situations Mathematics III is acceptable as the fourth unit of math for 2012 and 2013 high school graduates.
Science (4):	The four science units should include two courses with a laboratory component. Students graduating from a Georgia public high school should have at least one unit in biology; one unit of physical science or physics; one unit of chemistry, earth science or environmental science; and a fourth science.

Freshman Index

The freshman standards at KSU meet the Board of Regent Freshman Index (FI) requirement for our institution. The index is a weighted formula which adds: 1) the applicant's highest SAT Critical Reading/Verbal score, 2) the highest SAT-Math score, and 3) the college recalculated high school grade point average (HSGPA) multiplied by 500. The University Admissions Office recalculates your academic HSGPA and includes only acceptable academic units (CPC) while excluding other high school courses such as physical education, vocational courses, ROTC, driver's education, etc. from the recalculation. (All repeated CPC courses are calculated in the GPA.)

Regular First Year Admission Standards - (Full Admission)

Regular freshmen are typically applicants who will be first-time college students and who apply 6-12 months before completing high school graduation.

KSU's minimum requirements for admission as a regular first year freshman include the following:

- Graduation from a regionally accredited high school or a high school accredited by the Georgia Accreditation Commission (GAC), or from a public school under the authority of the state department of education.
- Completion of at least the 17 required units for graduates 2012 or later (16 units for graduates 2011 or earlier) in the University System's College Preparatory Curriculum.
- Have a combined Critical Reading and Math total of 950 on the SAT (20 ACT Composite), Freshman Index of at least 1940, with a SAT-Critical Reading/ Verbal of at least 490 (ACT 20) and a SAT-Math of at least 460 (ACT 19), and an academic HSGPA of at least 2.5 in the College Preparatory Curriculum as calculated by KSU. (The SAT essay portion must be submitted, but will not be used in the decision.)

Learning Support Program (LSP) First Year Freshman Admission Standards

The University System permits KSU to admit a limited number of traditional first year freshmen each year who do not meet all of the minimum requirements listed above, but whose records are sufficiently strong to show promise for success at the university. The minimum requirements to be considered for learning support freshman admission in 2011-2012 include the following:

- Graduation from a regionally accredited high school or a high school accredited by the Georgia Accreditation Commission (GAC), or from a public school under the authority of the state department of education.
- Completion of the 17 required University System CPC units for graduates 2012 or later (16 units for graduates 2011 and earlier).
- Have a combined Critical Reading and Math total of 950 on the SAT (20 ACT Composite) Freshman Index of at least 1940, with a SAT Critical Reading/ Verbal of at least 430 (ACT English 17), SAT Math of at least 400, (ACT Math 17) and a High School GPA of 2.5 in the College Preparatory Curriculum as calculated by KSU.
- Take standardized placement exams in writing and mathematics for applicants with SAT- Critical Reading/ Verbal scores less than 490 (ACT 20), SAT-Math scores less than 460 (ACT 19). Based on placement exam results, successful completion of additional learning support course requirements may be required, which do not count toward a degree. Effective fall semester 2012, minimum placement results will be required for enrollment.

Transfer students with 30 semester hours of transferable college credit, satisfying CPC requirements elsewhere in the University System will be recognized as having met those requirements at Kennesaw State University upon admission and evaluation of transcripts.

Alternatives for Home School Applicants and Others

Kennesaw State recognizes the choice and rights of a family to home educate their children. However, some home educated applicants bear the burden of demonstrating through proper documentation that they meet all of the standard requirements for regular or limited freshman admission.

Home school applicants are defined as completing a high school program of study that is not from a regionally accredited or University System recognized high school and those who have not satisfactorily completed the prescribed Carnegie units of the College Preparatory Curriculum in a manner acceptable to the University System.

Nevertheless, the University System of Georgia permits home educated applicants to be considered if they demonstrate sufficient CPC preparedness on appropriate standardized subject matter tests (specific SAT II subject exams or through a portfolio review process) and meet or exceed the required minimum

freshmen average scores on the SAT I or ACT. Refer to the website: *www.kennesaw.edu/admissions/home_educated.html* for the current accepted freshman average test scores and for information regarding portfolio procedures and standardized test options.

The portfolio review approach for handling exceptions for home school students waives the high school graduation requirement, the academic HSGPA requirement, the Freshman Index requirement, and the Carnegie unit requirements of the CPC. These waivers are in exchange for satisfactory performance on additional standardized testing, which validates college preparedness, and demonstration of a satisfactory comprehensive high school academic experience.

Prospective home school applicants are encouraged to contact the Office of Undergraduate Admissions at least six months prior to the planned date of entry to obtain information and direction as to how to pursue these alternatives and exceptions for admission. Refer to the Web site: *www.kennesaw.edu/admissions/home_educated.html* , home school link, for the most current admission criteria.
High school graduates who did not complete all of the required College Preparatory Curriculum units may also be granted an exception to that requirement if they validate their college preparedness in their deficient subject areas with satisfactory scores on the appropriate standardized tests (SAT II subject exams). With appropriate administrative concurrence, the Undergraduate Admissions Office reserves the right to make other exceptions on a limited basis to specific requirements when, in the professional judgment of the director of University Undergraduate Admissions, the special circumstances and offsetting strengths of a particular application file warrant such exceptions.

Early Entry Options

Dual Enrollment Honors Program (DEHP)

Beginning with the 2012-13 year, enrollment in DEHP will be limited to the first 150 qualified applicants. Applications for the 2012-13 school year will be accepted beginning Nov. 1st, 2011. Applicants will be considered in the order that their files are completed. The admission deadline for DEHP is typically in mid-January. For the current deadline, admissions instructions, and additional program information, visit *www.kennesaw.edu/admissions/dehp* or contact the Office of Undergraduate Admissions.

Rising high school juniors and seniors are eligible for the Dual Enrollment Honors Program if they earn:

- a cumulative grade point average of 3.0 or better in their core academic course work (not electives) and are on track to complete the College Preparatory requirements

AND

- a composite score of 1100 on the SAT, with minimum subparts of 530 critical reading and 530 math; or an ACT score of at least 25 composite with subpart minimums of 24 English and 24 math.

To be admitted to DEHP, students must submit an online application for admission and application processing fee, official SAT or ACT score report sent directly from the testing agency, high school transcript, and consent form signed by a parent and a high school counselor. Accepted students are required to attend a mandatory KSU advising session prior to registration and a summer orientation program specifically for DEHP. Students and parents must also sign a Policy Statement acknowledging their understanding of the academic and behavioral conduct policies of the program. Students are accepted to begin the program in the Fall semester only. A KSU GPA of 2.0 is required to continue in the program for Spring semester.

Advance Placement Opportunities

Kennesaw State University welcomes students who have pursued accelerated academic course work while in high school or through recognized national standardized programs. Such programs include College Board's Advance Placement (AP), International Baccalaureate (IB), College Level Subject Examination Program (CLEP), and Defense Activity for Nontraditional Educational Support (DANTES).

CLEP exams are administered nationally through Educational Testing Service (ETS) testing centers or through the University's Student Success Services for currently enrolled students only. AP tests are given at many high schools throughout the country

and qualified applicants are advised to take these tests in the spring of their senior year in high school. CLEP and AP credits do not count toward the KSU residency requirement or grade-point average.

In addition, students who have pursued advanced and rigorous college preparatory course work in high school and who have performed well in those courses may be exempted from equivalent prerequisite courses at KSU and continue their studies at more advanced levels. Approvals for such waivers may be secured from the dean of undergraduate and university studies or the appropriate academic department chair.

Admission From Other Colleges

Transfer applicants for admission are students who have earned college credit elsewhere at collegiate institutions accredited in a manner acceptable to KSU, and wish to transfer to KSU in order to continue their collegiate studies.

KSU's Office of the Registrar conducts transfer evaluations and accepts transfer credit only from such approved institutions, only in courses comparable to KSU courses or in subject fields appropriate for KSU degrees, only when the grades earned are sufficiently high for the transfer courses to meet KSU degree requirements, and only when the grades on all acceptable credit for transfer average 2.0 or better. Course work completed more than 10 years prior to admission to Kennesaw State University may not be accepted for transfer unless its currency is validated by the appropriate university officials.

Students planning to transfer from another college must make arrangements for each college previously attended to forward a complete official transcript to the Office of Undergraduate Admissions at Kennesaw State University.

Official transcripts are required, regardless of the applicant's wishes concerning transfer credit, or financial holds, and must be mailed directly from the sending institution to the Office of Undergraduate Admissions.

Transfer students' records will be evaluated in the same manner as Kennesaw State University resident students. Transfer students must have completed 30 semester hours of transferable credit with a 2.0 GPA or above. A limited number of transfer applicants who are eligible to re-enroll at their last college or university attended and have cumulative grade point averages less than 2.0 will be admitted and placed automatically on academic probation at KSU. Probationary admission is not typical and may only be extended in limited situations. Transfer students admitted on academic probation must complete 12 semester hours at KSU with at least a 2.0 grade point average before probationary status is removed. Failure to maintain a 2.0 average in any semester while on academic probation will result in academic dismissal from the University. Refer to the section labeled "Academic Policies" for a more complete discussion of the Academic Probation/Dismissal Policy. Dismissed students must reapply to KSU, meeting appropriate deadlines.

Transfer applicants who have been academically dismissed from their previous institution may not enter Kennesaw State until they are fully eligible to return to their former institution and have attained a cumulative grade point average of at least 2.0.

Students transferring from another institution in the University System of Georgia must have satisfied any and all learning support requirements before being admitted to KSU. Transferring students taking physical education hours at one institution will not be required to duplicate these hours at KSU. However, students taking an orientation course at another institution may be required to take the KSU 1101 orientation course. All admission application deadlines cited earlier apply to transfer applicants. All of the documents cited earlier and required for a complete application file apply to transfer applicants with the following exceptions:

- High school transcripts are not required for applicants with 30 or more earned semester hours of acceptable transfer credit. (All college and university transcripts are required, however);
- SAT I or ACT scores are not required for applicants with 30 or more earned semester hours of acceptable transfer credit;

- Freshman transfer applicants (less than 30 semester hours of transferable credit) may be required to take the College Placement Examinations (CPE) or COMPASS in English and/or math depending upon SAT/ACT scores. Meeting appropriate minimums will be required for enrollment effective fall semester 2012.

Transfer Freshman Admission Standards

Applicants with fewer than 30 semester hours of acceptable transfer credit must meet the same admissions requirements identified earlier for freshmen admitted from high school. Freshman transfer applicants may be required to take the COMPASS in English and/or math depending upon SAT/ACT scores, and are held to appropriate standards based upon results. Transfer freshmen must be in good standing at previous institutions.

Transfer Admission Standards for Sophomores and Upperclassmen

Transfer applicants with sufficient transferable hours to be classified as a sophomore, junior or senior at KSU must have completed any and all learning support requirements prior to admission and have a cumulative GPA of at least 2.0 in the previous institutions attended.

KSU has a number of special admission categories other than those for freshmen and transfer applicants.

Special Admission Categories

Nontraditional-Adult Learners-Freshmen Admission Standards

First year adult learners are those students who have not attended high school within the previous five years (graduated or should have graduated five or more years ago) and have earned fewer than 30 transferable semester hours of college credit, and who hold a high school diploma or have satisfactorily completed the GED.

Applicants eligible for review in this category are exempt from the SAT/ACT and College Preparatory Curriculum requirements. However, nontraditional students admitted in this category will be required to take at no charge the University System of Georgia's Collegiate Placement Exam or COMPASS examination. Test results may place the applicant in the Learning Support program for extra non-degree course work in reading, writing and mathematics skills. Effective fall semester 2012 minimum COMPASS results must be attained for enrollment. As an alternative, non-traditional freshmen who have, within the past seven (7) years, posted SAT scores of at least 500 in both Verbal/Critical Reading and Mathematics or ACT scores of at least 21 on both English and Mathematics to exempt the placement test may provide an official score report from the testing service to exempt COMPASS testing.

International Student Admission Standards

International students should apply through the Institute for Global Initiatives. Application processing and other USCIS procedures will be handled from this office.

Kennesaw State University supports international education and the philosophy that cross-cultural understanding is vital for creating mutual respect, appreciation and understanding of diversity. The presence of international students fosters cultural exchanges, which are beneficial to the student body and to the community at large.

International students may enroll in any program of study offered at Kennesaw State University. In addition, there are on campus apartment complexes where an international student can make arrangements for living accommodations. For information, visit our housing Web site at *www.kennesaw.edu/residencelife/*

Students are responsible for their own transportation needs. There is limited county bus service to the campus.

KSU has no designated financial assistance for international students. All international applicants must pay nonresident fees unless the individual receives one of the nonresident fee waivers available to international students through the Institute for Global Initiatives.

As per USCIS regulations international applicants must present documented evidence that they have sufficient funds to meet their educational and living expenses.

All international students requesting admission to Kennesaw State University must submit the following credentials at least one semester prior to the semester of enrollment:

- A completed Undergraduate Application for Admission to Kennesaw State University submitted online with a nonrefundable fee;
- Sworn affidavit of support from the applicant's financial sponsor;
- A letter from the sponsor's bank showing that funds (in U.S. dollars) are available for one year of support;
- Official or certified true copies of all high school and/or college/university records with a certified English translation. International students are required to have an official evaluation of credentials done by an outside agency at the student's expense. You may contact: 1) World Education Svcs., Inc., P.O. Box 01-5060, Miami, FL 33101. (800) 937-3899; south@wes.org 2) Educational Credential Evaluators, Inc., P.O. Box 92970, Milwaukee, WI 53202. (414) 289-3400; eval@ece.org; or 3) a service accredited by N.A.C.E.S., *http://www.naces.org/members.htm* . Official transcripts must be mailed directly from the sending institution or hand delivered in sealed college envelope. A KSU evaluation of credits will not occur until satisfactory documents are on file. It is up to the academic department as to which credits will actually apply to your degree program;
- An official score of 75 or more on the Internet based TOEFL (Test of English as a Foreign Language) exam or 537 on the paper exam, or 203 on the computer based exam, or IELTS score of 6.0. Satisfactory scores on the TOEFL exam does not waive the mathematics portion of the SAT);
- Official scores on the Scholastic Assessment Test (SAT), or American College Test (ACT);
- A valid Certificate of Immunization required upon enrollment, must be submitted to the KSU Health Clinic. Requirements are listed on their website at *http://www.kennesaw.edu/col_hhs/hc* .

*The TOEFL or IELTS requirement may be waived if the applicant:

- has completed and transferred the English composition courses (I and II from an accredited American institution) for the core requirement at the college level;
- has satisfactory scores on the SAT II test of English usage;
- has a SAT I Critical Reading/Verbal score of at least 490 (ACT 20).

To be eligible to register and remain in compliance with the Student Exchange and Visitor Information System (SEVIS), international students must have a current valid F1 visa status. An I-20 Form will be issued only upon the student's full acceptance into the University.

International students with a student visa are required to be full-time students (at least 12 semester hours) for spring and fall semesters, excluding summer term of the academic year in order to maintain F-1 status with the United States Citizenship and Immigration Services (USCIS). The University is required to notify the USCIS whenever a student's load drops below 12 semester hours.

Also, upon arriving at Kennesaw State University, all international students are required to visit the Global Admissions Office and have their passports, I-20 ID, and Arrival-Departure Record copied and placed in their student file.

This procedure facilitates the replacement of a lost Arrival-Departure Record and is required by the USCIS. International transfer students applying to Kennesaw State University from other educational institutions in the United States are also required to have their passports, I-20 ID copy and Arrival-Departure Record copied before enrollment.

Transient Students

A student who has been enrolled in another college or university and who expects to return to that college or university may apply for temporary (one term) admission and registration at Kennesaw State University as a transient student. Transients must have all documents filed by the deadline to be considered for admission. In fairness to its degree

seeking students and because of limitations on available space, KSU must give its regular students higher priority for registration than transient students. Transient students have no guarantee that space will be available in the classes they seek.

In addition to completing an online application for admission which includes paying the non-refundable application fee, a prospective transient student must present a written statement from the registrar of the institution last attended recommending his/her admission as a transient student and stating that the student is academically eligible to continue college study at the institution. A student who is ineligible to return to the institution formerly attended will not be admitted as a transient at KSU.

Enrollment at KSU as a transient student ordinarily is limited to one semester. Transient students wishing to continue at KSU beyond the initial semester of entry must reapply for admission and present a new written statement of permission from the previous institution's registrar by the deadline for the term they wish to re-enroll. Transient students desiring to continue as transfer students must reapply for admission in that category through the Office of Undergraduate Admissions and furnish all required documents and transcripts by the published deadline. Transient status is not intended as an alternative to meeting admission standards as a degree seeking student. Credits earned at KSU will not be considered when a transient student applies to become a transfer student to Kennesaw State University. For purpose of admission or readmission as a transient student, the summer term will be treated as a semester.

Non-Degree Students

The non-degree category exists for those students who have previously earned a baccalaureate degree from an institution accredited in a manner acceptable to KSU, and who wish to enroll in undergraduate courses for which they are eligible, for personal or professional reasons instead of degree completion. Students applying for non-degree status must submit an online application for admission, which includes payment of the non-refundable application processing fee, and an official transcript from the institution that awarded the initial degree (meeting all deadlines). Non-degree students who later wish to pursue another undergraduate degree at KSU must meet all pertinent transfer admission requirements and deadlines and complete an application for readmission to change status from non-degree to degree seeking. Non-degree students do not qualify for financial aid, do not receive a transfer evaluation of previous coursework and are not considered degree-seeking students.

Auditors

Auditors attend classes and may participate in course assignments but are not graded and do not receive degree credit for completing the audited courses. To be admitted as an auditor, the individual must complete an online application for admission, which includes payment of the nonrefundable application-processing fee; and provide an official high school (or college) transcript which reflects a minimum of high school graduation or equivalency.

Students are not permitted to receive retroactive credit at any future date for their participation in a course as an auditor nor change from an audit to a credit status while enrolled in a course. Audited courses are counted at full value in computing the student's load for fee purposes. A student wishing to change his/her classification from an auditor to a degree-seeking student must reapply for admission for a future term in the appropriate category and meet all pertinent requirements and deadlines.

Audited courses do not qualify for educational benefits or financial assistance under the social security laws, veterans and other federal and state programs.

Immunizations

Prior to registration, a valid Certificate of Immunization is required to be on file in the KSU Health Clinic upon enrollment. Students must meet the immunization requirements found at the KSU Health Clinic website. Visit *http://www.kennesaw.edu/col_hhs/hc/* Mail immunizations to the KSU Health Clinic at 1000 Chastain Road House #52, MB 5200, Kennesaw, GA 30144-5591 or fax to 678-797-2224. Questions may be directed to the immunization coordinator at 770-423-6894.

Readmission

Students who must apply for readmission include: academically dismissed students, transients and students who have not been enrolled for 24 consecutive months (6 terms) as well as students changing classification. If you apply for readmission for a term but do not enroll, the process must be repeated for the term you wish to re-enroll. The application for readmission is available by going to *www.kennesaw.edu* and selecting Prospective Students, Undergraduate, Admissions. The readmission application must be submitted along with the non-refundable processing fee and any required supporting credentials by the deadline for the term you wish to re-enroll.

Sources for Test Scores and Required Forms

SAT I Tests:	College Entrance Examination Board, Box 6200 Princeton, NJ 08541 (609) 771-7600 or (770) 908-9737 *www.collegeboard.org* KSU's Institutional Code: 5359
Institutional SAT Tests:	KSU's Testing Office Counseling and Advising Program Services (770) 423-6600
ACT Tests:	American College Testing Program 3355 Lenox Road NE, #320 Atlanta, GA 33026-1332 (404) 231-1952 *www.ACTstudent.org* KSU's Institutional Code: 0833
Undergraduate Admission Application:	On KSU Web site ***http://www.kennesaw.edu*** or from KSU Office of University Admissions (770) 423-6300
TOEFL Exams:	TOEFL Services P.O. Box 6151 Princeton, NJ 08541-6151 USA (609) 771-7100 KSU's Institutional Code: 5359
Social Security Numbers:	Social Security Offices
CPE/COMPASS Placement Exams:	KSU's Testing Office Counseling and Advising Program Services (770) 423-6600 ***http://www.kennesaw.edu/studentsuccess/testing/test_compass.html***
Dual Enrollment Forms:	High School Counselors' Offices or KSU Admissions

Appeals

Formal appeals of the University's admission decision may be filed with the Office of Undergraduate Admissions to the attention of the Appeals Committee. If an appeal is approved the student may have a probation status and must complete any prescribed conditions as specified by the Committee. Students on probation may not register in priority registration until probation has been satisfactorily removed. Additional information regarding probation status may be found in the Academic Advisement and Academic Policies section. Contact the Office of Undergraduate Admissions for additional instruction on the appeals process.

KSU Online

Visit KSU's home page at: *http://www.kennesaw.edu*. Look for the link to Enrollment Services. Here you will find links to important enrollment offices, including admissions. On the admissions website, you can check the status of your application or submit an application. Take advantage the online services including:

- The Q/A Ask feature
- VIP Personal Web Page
- Freshmen Admission Predictor
- Review standards for admission to KSU
- Learn about the admissions office
- Check the status of an application
- Check on deadlines for the term you wish to apply
- Print forms
- Check on current tuition costs
- Attain information about KSU by requesting an e-brochure
- View the most recent university catalog right from your home or office

It is the responsibility of the student to review admission standards in advance to determine the likelihood of eligibility.

Tuition, Expenses, & Financial Aid

Tuition and Fees

2011-2012 Expenses and Fees

Expenses include in-state tuition, out-of-state tuition, mandatory student fees, and other special fees. All fees are due and payable at the time of registration, and registration is not complete until all fees have been paid. To view the current tuition and fees by semester, the Bursar's Office Website provides you with this information.

Mandatory Student Health Insurance

A mandatory insurance plan is in effect for the following student categories:

- All graduate students receiving a tuition waiver as a result of a GRA, GTA, or GSA assistantship award.
- All undergraduate, graduate, and ESL international students holding F or J visas.
- All undergraduate and graduate students enrolled in programs that require proof of health insurance.
- All graduate students receiving fellowships that fully fund their tuition.

Students will be billed at the time of registration. The mandatory health insurance fee for the 2011-2012 academic year for undergraduate students is $467.00 for fall semester and $620.00 for spring and summer semesters. Graduate students are charged $499.00 for the fall semester and $662.00 for the spring and summer terms.

A waiver of the health insurance fee may be applied for directly with the insurer. For insurance plan and waiver information, go to: *https://financialservices.kennesaw.edu/bursar/mandatory_health* . This plan is optional for all other students.

Additional Lab, Specialized Course Fees: These fees are charged where applicable.

Applied Music Fee: The registration fee for one 50-minute private lesson per week is $150 per semester. Applied music fees are nonrefundable and may not be transferred to subsequent semesters.

Laboratory Breakage: Students in the laboratory sciences are required to reimburse the university on a cost basis for broken glassware and equipment.

Late Payment Fee: A $50 late payment fee will be accessed for tuition and fee payments received after the end of late registration and drop/add. This fee may apply at other times as well. For specifics, contact the Bursar's Office.

Late Registration Fee: Students requesting a late registration or add/drop after all official registration periods have ended will pay a late hand registration fee of $30.00 per transaction.

Nursing Expenses: Mandatory uniforms costs $200-$250. A good stethoscope, watch, shoes, and other supplies costs approximately $100-$150. The initial testing fee is $325. Mandatory health insurance is charged to nursing students who do not have proper coverage.

Textbooks and Supplies: Textbooks and supplies are available in the university bookstore. Although the exact cost of books and supplies will vary with courses, an estimate is $500 per semester.

Housing Fees

Housing at Kennesaw State University is privately owned and managed, and all leasing and financial matters are handled by the KSU Foundation Housing Management, LLC. Housing fees for 2011-2012 range from $410-$630 per month, depending on the community and housing unit selected, paid in twelve monthly installments. For more specific information, please go to *http://www.ksuhousing.com* or call 770-426-0668.

Other Administrative Fees

Advanced Standing Examination Fee: A fee of $60 is required for each institutional advanced standing examination attempted; no course may be attempted more than once.

Diploma Fee: A diploma fee of $30 is required of all degree candidates and is payable at the time a petition to graduate is presented to the registrar. The fee is nontransferable and nonrefundable. It entitles the student to one diploma.

FAX Fee: Priority fee for electronic transmission (FAX) of unofficial transcripts or certifications forms/letters, of $10.00 per document.

Penalty Fee For Returned Check: A penalty fee of $25 will be assessed for each check returned by the bank.

Withdrawal/Refund of Student Fees

To withdraw from one or more classes, students must complete an official withdrawal form in the Office of the Registrar.

Students withdrawing from classes before the end of late registration and drop/add are entitled to a 100% refund. After that date, students will be granted a percentage refund of tuition and fees only if they withdraw completely from the university. Lab, specialized course/major, and insurance fees are not refundable if withdrawal from course(s) is made after the end of late registration and drop/add.

KSU Institutional Refund Policy

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 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 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. Students enrolled summer term who withdraw from second-session courses on the first day of those classes will receive a 100% refund. After the first day, no refunds will be processed.

Students should refer to the Schedule of Credit Courses for specific dates of each refund period.

Students who do not formally withdraw, those suspended for disciplinary reasons, and those who leave the university when disciplinary action is pending are not eligible for a refund on any portion of any fee.

A refund of all tuition and other mandatory fees shall be made in the event of the death of a student at any time during an academic semester/summer term.

Refunds will be disbursed by the university's internet bank partner. Students may use their KSU Debit Card to select a refund payment method: electronic fund transfer or paper check. Details are available at: *http://www.ksuone.com*

Registration Fee Waiver for Senior Citizens

Pursuant to the provisions of an amendment to the Georgia Constitution, legal residents of Georgia who are 62 years of age or older at the time of registration for courses may have their semester (including summer term) tuition and fees waived (with the exception of supplies, laboratory fees, and special course fees). A driver's license or birth certificate must be presented to the Admissions Office at the time of application for admission or to the Registrar's Office once the individual turns 62 to qualify for this waiver of registration fees.

Military Service Refunds & Re-enrollment

Subject to institutional policies, full refunds of tuition and mandatory fees and pro rata refunds of electives fees are hereby authorized for students who are:

- Military reservists (including members of the National Guard) and who receive emergency orders to active duty after having enrolled in a University System institution and paid tuition and fees;
- Active duty military personnel and who receive an emergency reassignment after having enrolled in a University System institution and paid tuition and fees;
- Otherwise unusually and detrimentally affected by the emergency activation of members of the reserve components or the emergency deployment of active duty personnel of the Armed Forces of the United States and who demonstrate a need for exceptional equitable relief;
- Students who are members of the Georgia National Guard or other reserve components of the U.S. Armed Forces who are re-enrolling after having been summoned to active duty in an emergency situation are to be accorded special consideration regarding class registration, financial aid processing, payment of fees, etc., so as to expedite their re-enrollment;
- Military personnel on active duty in the U.S. Armed Forces who, before the end of their present station assignment, receive emergency orders for a temporary or permanent change of duty location who later wish to resume their education are to be accorded special consideration regarding class registration, financial aid processing, payment of fees, etc., so as to expedite their re-enrollment.
- Tuition and fees awarded by scholarship or grant from an agency or authority of the State of Georgia on behalf of a student receiving a refund under this policy shall be reimbursed to such agency or authority.

The Chancellor is authorized and empowered to take or cause to be taken any and all such other and further action as, in the judgment of the Chancellor, may be necessary, proper, convenient or required in connection with the execution of this policy. Such authority may be further delegated to the President of the institution.

Definition of Legal Residents

Individuals who enter the institution as out-of-state students but who wish to later qualify as legal residents must fill out a Petition to Change Tuition Classification form, which can be obtained on-line at *https://financialservices.kennesaw.edu/international/georgia_residency* or by contacting the Residency Officer for Kennesaw State University at 770-499-3536. A student's tuition classification is not changed automatically, and the burden of proof that the student qualifies as a legal resident under the regulations of the Board of Regents of the University System of Georgia rests with the student. A student is responsible for registering under the proper tuition classification. A student classified as out-of-state who believes that he or she is entitled to be reclassified as a legal resident may petition the Residency Committee for a change in status. The petition must be filed no later than 60 days after the semester begins in order for the student to be considered for reclassification for that semester. If the petition is granted, reclassification will not be retroactive to prior semesters.

If there is any question in the mind of the student concerning his/her tuition classification status, application for clarification should be made immediately or not later than two weeks prior to the registration date in order to avoid delay and inconvenience of registration.

Applications should be addressed to:

Kennesaw State University Attn: Residency Committee, 1000 Chastain Road, Mailbox #9110, Kennesaw, Georgia 30144

Regents' Policies Governing the Classification of Students for Tuition Purposes

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

403.02 CLASSIFICATION OF STUDENTS FOR TUITION PURPOSES

1. United States Citizens
   - An independent student who has established and maintained a domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term shall be classified as "in-state" for tuition purposes. It is presumed that no student shall have gained or acquired in-state classification while attending any post-secondary educational institution in this state without clear evidence of having established domicile in Georgia for purposes other than attending a post secondary educational institution in this state.
   - A dependent student shall be classified as "in-state" for tuition purposes if either i) the dependent student's parent has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term and the student has graduated from a Georgia high school or ii) the dependent student's parent has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term and the parent claimed the student as a dependent on the parent's most recent federal income tax return.
   - A dependent student shall be classified as "in-state" for tuition purposes if a U.S. court-appointed legal guardian has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term, provided that appointment was not made to avoid payment of out-of-state tuition and the U.S. court-appointed legal guardian can provide clear evidence of having established and maintained domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term.
   - If an independent student classified as "in-state" relocates temporarily but returns to the State of Georgia within 12 months, the student shall be entitled to retain in-state tuition classification.
   - If the parent or U.S. court-appointed legal guardian of a dependent student currently classified as "in-state" for tuition purposes establishes domicile outside of Georgia after having established and maintained domicile in the State of Georgia, the student may retain in-state tuition classification as long as the student remains continuously enrolled in a public post secondary educational institution in the state, regardless of the domicile of the parent or U.S. court-appointed legal guardian.
2. Noncitizens
   - Noncitizens initially shall not be classified as "in-state" for tuition purposes unless there is evidence to warrant consideration of in-state classification. Lawful permanent residents, refugees, asylees, or other eligible noncitizens as defined by federal Title IV regulations may be extended the same consideration as citizens of the United States in determining whether they qualify for in-state classification. International students who reside in the United States under nonimmigrant status conditioned at least in part upon intent not to abandon a foreign domicile are not eligible for in-state classification.

704.041 OUT-OF-STATE TUITION WAIVERS

An institution may award out-of-state tuition differential waivers and assess in-state tuition certain nonresidents of Georgia for the following reasons (under the following conditions):

- 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 two percent of the equivalent full-time students enrolled at the institution in the fall term immediately preceding the term for which the out-of-state tuition is to be waived.
- 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, 1986-87, p. 340).
- Full-Time School Employees. Full-time employees in the public schools of Georgia or of the Technical College System of Georgia, their spouses, and their dependent children. Teachers employed full-time on military bases in Georgia shall also qualify for this waiver. (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 or assigned to Georgia and on active duty. The waiver can be retained by the military personnel, their spouses, and their dependent children if a) the military sponsor is reassigned outside of Georgia, and the student(s) remain(s) continuously enrolled and the military sponsor remains on active military status; b) the military sponsor is reassigned out-of-state and the spouse and dependent children remain in Georgia and the sponsor remains on active military duty; c) or active military personnel and their spouse and dependent children who are stationed in a state contiguous to the Georgia border and who live in Georgia. (BR Minutes, February 2009).
- Research University Graduate Students. 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. Students domiciled in an out-of-state county bordering Georgia, enrolling in a program offered at a location approved by the Board of Regents and for which the offering institution has been granted permission to award Border County waivers (BR Minutes, October 2008).
- Georgia National Guard and U.S. Military Reservists. Active members of the Georgia National Guard, stationed or assigned to Georgia or active members of a unit of the U.S. Military Reserves based in Georgia, and their spouses and their dependent children (BR Minutes, October 2008).
- 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 ICAPP Advantage programs. Any student participating in an ICAAP Advantage program.
- International and Domestic Exchange Programs. Any student who enrolls in a University System institution as a participant in an international or domestic direct exchange program that provides reciprocal benefits to University System students (BR Minutes, October 2008).
- Economic Advantage. As of the first day of classes for the term, an economic advantage waiver may be granted to a U.S. citizen or U.S. legal permanent resident who is a dependent or independent student and can provide clear evidence that the student or the student's parent, spouse, or U.S. court appointed legal guardian has relocated to the State of Georgia to accept full-time, self-sustaining employment and has established domicile in the State of Georgia. Relocation to the state must be for reasons other than enrolling in an institution of higher education. For U.S. citizens or U.S. legal permanent residents, this waiver will expire 12 months from the date the waiver was granted (BR Minutes, October 2008).
- As of the first day of classes for the term, an economic advantage waiver may be granted to an independent non-citizen possessing a valid employment-related visa status who can provide clear evidence of having relocated to the State of Georgia to accept full-time, self-sustaining employment. Relocation to the state must be for employment reasons and not for the purpose of enrolling in an institution of higher education. These individuals would be required to show clear evidence of having taken legally permissible steps toward establishing legal permanent residence in the United States and the establishment of legal domicile in the State of Georgia. Independent non-citizen students may continue to receive this waiver as long as they maintain a valid employment-related visa status and can demonstrate continued efforts to establish U.S. legal permanent residence and legal domicile in the State of Georgia (BR Minutes, October 2008). A dependent non-citizen student who can provide clear evidence that the student's parent, spouse, or U.S. court-appointed legal guardian possesses a valid employment-related visa status and can provide clear evidence of having relocated to the State of Georgia to accept full-time, self-sustaining employment is also eligble to receive this waiver. Relocation to the state must be for employment reasons and not for the purpose of enrolling in an institution of higher education. These individuals must be able to show clear evidence of having taken legally permissible steps toward establishing legal permanent residence in the United States and the establishment of legal domicile in the State of Georgia. Non-citizen students currently receiving a waiver who are dependents of a parent, spouse, or U.S. court-appointed legal guardian possessing a valid employment-related visa status may continue to receive this waiver as long as they can demonstrate that their parent, spouse, or U.S. court appointed legal guardian is maintaining full-time, self-sustaining employment in Georgia and is continuing efforts to pursue an adjustment of status to U.S. legal permanent resident and the establishment of legal domicile in the State of Georgia. (BR Minutes, October 2008.
- Recently Separated Military Service Personnel. Members of a uniformed military service of the United States who, within 12 months of separation from such service, enroll in an academic program and demonstrate an intent to become a permanent resident of Georgia. This waiver may also be granted to their spouses and dependent children. This waiver may be granted for not more than one year (BR Minutes, October 2008).

- Nonresident Student. As of the first day of classes for the term, a nonresident student can be considered for this waiver under the following conditions:
  Students under the age of 24: If the parent, or U.S. court-appointed legal guardian has maintained domicile in Georgia for at least 12 consecutive months and the student can provide clear and legal evidence showing the relationship to the parent or U.S. court-appointed legal guardian has existed for at least 12 consecutive months immediately preceding the first day of classes for the term. Under Georgia code legal guardianship must be established prior to the student's 18th birthday (BR Minutes, October 2008); or If the student can provide clear and legal evidence showing a familial relationship to the spouse and the spouse has maintained domicile in Georgia for at least twelve (12) consecutive months immediately preceding the first day of classes for the term. Students 24 years of age and older: If the student can provide clear and legal evidence showing a familial relationship to the spouse and the spouse has maintained domicile in Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term. This waiver can remain in effect as long as the student remains continuously enrolled (BR Minutes, October 2008). If the parent, spouse, or U.S. court-appointed legal guardian of a continuously enrolled nonresident student establishes domicile in another state after having maintained domicile in the State of Georgia for the required period, the nonresident student may continue to receive this waiver as long as the student remains continuously enrolled in a public post secondary educational institution in the state, regardless of the domicile of the parent, spouse or U.S. court-appointed legal guardian (BR Minutes, June 2006).
- Vocational Rehabilitation Waiver. Students enrolled in a University System of Georgia institution based on a referral by the Vocational Rehabilitation Program of the Georgia Department of Labor (BR Minutes, October 2008).

Institutions shall exercise the greatest care in selecting students who are to receive waivers of the tuition differential. Such non-resident graduate students shall pay all tuition and fees required of residents of Georgia.
Waiver forms must be filed within 60 days of the first day of class of the semester in order for the student to be considered for the waiver.

Financial Aid

Kennesaw State University is committed to ensuring that a post secondary education is accessible to qualified students. In order to accomplish this commitment, the Office of Student Financial Aid subscribes to the following goals to assist students in paying for their educational investment:

- Evaluate the family's financial ability to pay for educational costs
- Distribute limited resources in an equitable manner
- Provide a balance of gift aid and self-help aid

A wide variety of financial aid programs from scholarships, grants, employment, and loans are available to help students with educational costs. Most awards are based on financial need while some are awarded in recognition of merit or achievement. Financial Aid is awarded based on full-time enrollment status (12 hrs). Financial Aid packages for students enrolled less than full-time may requirement adjustments. Eligibility for awards varies with enrollment status.

If you have any questions, feel free to visit our office in Kennesaw Hall, view our Web site at http://www.kennesaw.edu/financial_aid , contact our automated telephone system at (770) 423-6074, fax at (770) 423-6708, email at finaid@kennesaw.edu, or write to:
Office of Student Financial Aid
Kennesaw State University
1000 Chastain Road, #0119
Kennesaw GA 30144-5591

Determination of Need-Based Awards

Awards based on need are determined by a process called financial need analysis. The analysis is standardized by the U. S. Department of Education (USDE) using a financial formula called Federal Methodology. The Free Application for Federal Student Aid (FAFSA) is the application that is required to begin this process. The electronic FAFSA is the easiest and quickest way to apply. The processing time for USDE is approximately four days. The electronic FAFSA may be accessed on our web site at *www.kennesaw.edu/financial_aid* or *www.fafsa.ed.gov* . Prior to completing the electronic FAFSA, students and parents of dependent students should obtain a PIN at *http://www.pin.ed.gov* .

When completing the electronic FAFSA for KSU attendance, use the federal Title IV Code of 001577. KSU will receive your FAFSA information electronically. Students must reapply annually to qualify each academic year.

Need-Based Award Application Procedures

Need-based awards include grants, employment, loans, and some scholarships. It is advisable to complete the FAFSA early. The FAFSA is available on January 1 for the award year that starts each fall semester. The priority date for receipt of the FAFSA at KSU is April 1 of each year. FAFSAs received by the priority date with all requested documents submitted by the student and reviewed by the Financial Aid Office will be awarded first. New applicants must also apply for admissions through the Office of Admissions for a degree or certificate program.

When the FAFSA is analyzed by the U. S. Department of Education, the result is called the Expected Family Contribution (EFC). The EFC is the amount that the family should be able to contribute to the student's cost of attendance (COA). COA is the amount of direct cost (e.g., tuition, fees, room, board, and books) and indirect cost (e.g., transportation and personal expenses). Need-based financial aid is awarded to help the student with need (i.e., COA minus EFC).

(Estimated Figures)

Kennesaw State University (Cost of Attendance) Per Year (2 semesters) 2011-2012		
	Georgia Residents	**Out-of-State**
Tuition*	4,734	16,710
Fees	1,548	1,548
Loan Fees (est)	63	63
Room	11,275	11,275
Board/ At Home Expense	11,275	11,275
Books & Supplies	1,500	1,500
Transportation	2,494	2,494
Personal	2,281	2,281
TOTAL	23,895	37,068

Federal Pell Grant

This is a federally funded program that provides need-based grants to undergraduate students. The application is the Free Application for Federal Student Aid (FAFSA). Eligibility is based on the Estimated Family Contribution (EFC) and the Cost of Attendance (COA). Students receive their EFC information on the Student Report (SAR) after the submitted FAFSA is processed. The EFC range for Federal Pell Grant eligibility is 0 to 5273. The awards range from a maximum of $5,550 per year (0 EFC) to a minimum of $556 (5273 EFC) per year for full-time enrollment. Pell Grant is prorated according to enrollment by each term. Students receiving the Federal Pell Grant may also be eligible for other types of financial aid.

Federal Supplemental Education Opportunity Grant

This federally funded program is designed for undergraduate students without a degree with exceptional need seeking their initial degree. A student must have been awarded the Federal Pell Grant in order to receive this grant. Maximum awards in this program are $800 per academic year. Early FAFSA application is encouraged. Awards are generally made on a first come, first serve basis.

Student Employment

Federal Work Study (FWS) Program

The program provides part-time jobs for undergraduate and graduate students who demonstrate financial need based on the Free Application for Federal Student Aid (FAFSA). FWS gives the student an opportunity to earn money to help pay for educational expenses while working on campus or in community service work. Early application with the FAFSA is recommended. Awards are generally made on a first come, first serve basis.

Institutional Employment

There are a limited number of part-time jobs available in each division of the university. Funds for these jobs are provided by the department or college that employs the student. Interested persons should contact the particular division or department of the university or the KSU Career Services Center for information.

Career Services

The Career Services Center maintains a listing of full-time and part-time off-campus jobs for students who need assistance in locating off-campus employment. Regular listings are posted on the on-line job postings at: http://careerctr.kennesaw.edu . For more information, contact the director of career services.

Student Loan Awards

Federal Perkins Loans

This is a federally funded and need-based student loan that is administered by Kennesaw State University. Interest on these loans is 5% per year. The federal government pays the interest while the student is in school. Awards in this program range from $500 to $1,000 for the term. Students may apply for this loan by completing the Free Application for Federal Student Aid (FAFSA). Awards are generally made on a first-come first-serve basis in the following order: graduating seniors, seniors, juniors, etc., until funds are exhausted.

When awarded, the student must complete a promissory note and entrance loan counseling with a student accounts representative in the Bursars office.

Obligation for interest and repayment begins nine months after the student ceases to be enrolled at least halftime. Deferment from repayment may be requested for any of the following reasons:

- Enrolled at least halftime in a post secondary institution
- Pursuing graduate fellowship or rehabilitation training program for the disabled approved by the U. S. Secretary of Education
- Unemployment (up to 3 years)
- Economic hardship (up to 3 years)
- Performing service qualifying for cancellation (e.g., full-time teaching)

Federal Stafford Loan—Subsidized

The Federal Government guarantees low-interest loans made to qualified students. Students may apply for this loan by completing the Free Application for Federal Student Aid (FAFSA). Students are allowed to select their lender and loan amount up to their award maximums. Eligible freshman may borrow up to $3,500 per year, while sophomores (30+ earned hours) may borrow up to $4,500 per year. Juniors (60+ earned hours) and seniors (90+ earned hours) may borrow up to $5,500 per year. The student must be enrolled in at least 6 hours each term to receive a Federal Subsidized Stafford Loan. The amount of loan eligibility is based on need as determined by the FAFSA and the cost of attendance.

Subsidized indicates that the federal government will pay the loan interest while the student is enrolled in school, six months after enrollment (grace), or deferment periods. The current rate (July 2011-June 2012) of interest is fixed at 3.4%. From July 1, 2011, to June 30, 2012, the origination fee for Stafford Loans is 1.0%, with a 0.5% rebate at the time of disbursement. This rebate is based on the borrower making the first 12 monthly payments on time. If the borrower does not make the first 12 monthly payments on time, the rebate is cancelled and the borrower will owe the 0.5%. Funds are disbursed to the student through the university in two installments. Repayment begins six months after the student ceases to be enrolled at least halftime. Students are allowed 10 years to repay the loan.

Federal Stafford Loan—Unsubsidized

This loan is available to dependent students up to $2,000 per year (above the amount of eligibility for the Subsidized Stafford Loan). This loan is also available to independent students who choose to borrow above their Subsidized Stafford eligibility or for dependent

students who are not eligible for a Subsidized Stafford Loan. Students borrowing through the Unsubsidized Stafford Loan Program are responsible for the interest on the loan. The current rate (July 2011-June 2012) of interest is fixed at 6.8%. From July 1, 2011, to June 30, 2012, the origination fee for Stafford Loans is 1.0%, with a 0.5% rebate at the time of disbursement. This rebate is based on the borrower making the first 12 monthly payments on time. If the borrower does not make the first 12 monthly payments on time, the rebate is cancelled and the borrower will owe the 0.5%. Funds are disbursed to the student through the university in two installments. The amount of eligibility is based on the dependent or independent status of the student and the student's need. The application procedures, interest rates, and fees are the same as the Subsidized Stafford Loan Program. The student must be enrolled in at least 6 hours each term to receive a Federal Unsubsidized Stafford Loan.

Federal PLUS Loan

This program is available to parents of dependent students. Parent borrowers may borrow up to the cost of attendance (at KSU) minus other aid.

The rate of interest is fixed at 7.9%. The PLUS Loan has a federal origination fee of up to 4% with a 1.5% rebate. Once in repayment, the borrower will need to make 12 consecutive payments or the 1.5% rebate will be added back to the loan obligation. A credit check is required for a PLUS credit approval. If a parent's PLUS loan application is denied, federal regulations allow the student to borrow additional Unsubsidized Stafford Loan funds. The student can then request additional unsubsidized loan funds.

Emergency Loan Program

Tuition and Fees and Personal Loans

The Emergency Loan Program is designed to provide temporary assistance to students during their matriculation at KSU. An emergency loan for in-state tuition and fees or an emergency personal loan for mitigating circumstances that produces a hardship may be available to currently enrolled students. The student must be currently enrolled and be in good academic standing (2.0 gpa). A maximum of three tuition and fees and personal loans are allowed while a student is enrolled at KSU. A KSU student is allowed only one such loan per academic year. (An academic year is defined as the first day of class in August through the last day of finals in July.) A student is ineligible to receive an additional emergency loan if the student received such a loan the last semester attended. Students may not request both a tuition and fees loan and a personal loan in the same term. Students who need emergency funds for in-state tuition and fees or for personal circumstances should complete an application online on the Financial Aid website on the specified date. Funds for emergency loans are limited. Loans are made on a first come, first serve basis.

A service charge of $10 will be added to the tuition and fees and/or the personal loan. The loan must be repaid within 45 days. If it is not repaid, a $25 late charge will be added to the emergency loan. If a student is late paying an emergency loan, the student is considered delinquent in payment and is no longer eligible for any emergency loans during their academic career at KSU. Students will not be allowed to register for the following semester if they have not repaid their emergency loan. Monies for this fund have been received from the following sources:

- Geral Dean Boggs Memorial—Established by the students of Kennesaw Junior College in 1967 to honor the memory of their fellow student, Geral Dean Boggs.
- James V. Carmichael Memorial
- Phillip B. Rice Memorial—Established in memory of Phillip B. Rice
- Kennesaw State University Civitan Club
- Kennesaw State University Women's Club
- The Southwest Women's Club
- Marietta Civitan Club
- John L. Dees Memorial
- Smyrna Lions Club
- Betty H. McNiece Memorial—Established by Kennesaw College in 1984 to honor the memory of an employee, Betty H. McNiece
- Kennesaw State University Rotaract Club
- Student Activities Budget Advisory Committee

Alternative Loan Program

Alternative or Private student loans are different from federal student loans in that they are not guaranteed by the federal government, require a credit check, and often a co-signer. Loan approval, interest rates, and repayment requirements are prescribed by the lender. Additional information and application procedures are available from the Office of Student Financial Aid or the lender. Student must maintain satisfactory academic progress, and must complete a FAFSA for our office to certify an alternative loan.

Merit-Based Awards

HOPE Scholarship Program

The Georgia HOPE Scholarship is a state-funded scholarship program from the Georgia Lottery for Education. Its purpose is to assist Georgia students in attending eligible Georgia postsecondary institutions to increase academic achievement, to keep the best and brightest students in Georgia, and to expand educational opportunities beyond high school to all Georgians.

Qualifications for the HOPE Scholarship:

- Meet GSFC requirements for state residency and citizenship (see www.GAcollege411.gov)
- Georgia high school graduate with a 3.0 cumulative grade point average (GPA) in the college preparatory core curriculum subjects or 3.2 cumulative GPA in the career/technology curriculum or 3.0 cumulative GPA after 30 attempted hours degree credit
- Enrolled in a University System of Georgia institution
- Registered, if required, with Selective Service
- 3.0 college cumulative GPA after each spring semester and at the 30th, 60th, or 90th attempted semester hour. Attempted means all course work including W's and developmental courses taken after high school graduation. Eligibility continues to the 127th attempted hour.
- Complete the Free Application for Federal Student Aid (FAFSA) or the HOPE/GSFAPP application at *http://www.kennesaw.edu/financial_aid* .
- Submit any documents requested by the Office of Student Financial Aid
- Any number of enrolled hours HOPE will no longer pay for Learning Support classes, as well as Audited classes starting Fall 2011.

Beginning Fall 2011, a new Zell Miller Scholarship Program will provide 100% tuition for those who meet and retain certain eligibility requirements; however there will be no provisions for fees or books. Recipients must maintain a 3.3 cumulative GPA, and may lose and regain the Zell Miller Scholarship only once. Additional information and requirements may be obtained at *www.GAcollege411.org* or by going to the Financial Aid Homepage.

HOPE For GED Recipients

Legal residents of Georgia who earned a General Education Development (high school equivalency) diploma awarded by the Georgia Department of Technical and Adult Education after June 30, 1993 may receive a one-time $500 HOPE award. This award can be used toward tuition, books, and other educational costs at an eligible public technical institute or public or private college/university in a degree, diploma, or certificate program. Full-time enrollment is not required. Students must use their GED HOPE eligibility within 24 months of the date of the GED diploma. Military personnel have 52 months to exercise eligibility. Students receiving this award may also qualify for other HOPE programs.

Institutional Scholarship Awards

Several privately supported scholarships for undergraduate students and fellowships for graduate students are available at Kennesaw State University. These awards are normally merit-based but some are need-based. A complete list of available scholarships and fellowships is located at *www.kennesaw.edu/scholarships* . The majority of applications are available from October through May for the following academic year.

Disbursement Procedure

After completing the FAFSA or the GSFAPPS application, financial aid funds will be disbursed to registered students in the following procedure:

Step One: Students will receive a notification of a financial aid award letter through the school-assigned email address. Students must then access Owl Express to view their award letter. Any awarded grants or scholarships (including HOPE scholarships) are automatically accepted for the student. New students who want to accept an offered student loan must go to the financial link on their OWL Express account to accept the loan/s. The student must read, accept and submit the Terms and Conditions to be able to accept the loan. Then, the tab to accept the award offer will become a clickable link.

Step Two: Financial aid funds (Pell, SEOG, HOPE, Scholarships, and Loans) are applied to the students' account on the dates indicated at *www.kennesaw.edu/financial_aid* . Students receiving other types of assistance or external assistance should check with the cashier in the Bursars Office to determine the availability of such funds. Funds earned from employment are disbursed to student accounts bi-weekly.

Step Three: At the conclusion of late registration and the drop/add period, students will receive the balance of the semester award after tuition, fees, books and supplies are deducted. Students must indicate their choice through their Higher One Account. Students can select one of the following: a check from Higher One, have funds deposited to the students Higher One debit card, or have funds transferred to the student's designated bank.

Satisfactory Academic Progress Standards

SATISFACTORY ACADEMIC PROGRESS POLICY

Federal regulations, HEA Sec. 484(c), §668.16, 668.34, require all schools participating in Title IV federal financial aid programs to have a Satisfactory Academic Progress (SAP) policy that conforms to the requirements detailed below. These requirements apply to all students as one determinant of eligibility for financial aid.

- Your SAP status is based on your entire academic record, at all schools attended (includes all transferrable *hours), regardless of whether you received financial aid.*
- SAP is calculated each semester after grades have been posted to academic history by the Registrar's Office.
- If after the first term of attendance you are not making SAP, you will be put on a Warning status and allowed to keep aid for one term. You continued eligibility will be determined after the next term check point.
- If your SAP status is Failure after the check is performed, you will not qualify for financial aid for the following term.
- If your SAP status is Failure and you cannot mathematically attain SAP requirements following the next term, an appeal will not be permissible. Documented mitigating circumstances may allow continued eligibility on a case-by-case basis and will required an academic plan.
- A student may appeal their SAP Failure status only twice during their academic career at KSU. Documented mitigating circumstances may allow additional appeals on a case-by-case basis.

1. Quantitative and Qualitative Requirements

The quantitative requirement has two parts:

- A maximum time frame
- A required completion ratio

Undergraduate Students

Maximum time frame (maximum attempted credit hours) – You must earn your degree before reaching 185 attempted credit hours, which includes transferrable credits attempted at any school prior to and while enrolled at Kennesaw State University (KSU). Students who are seeking a second undergraduate degree different from their first degree may be granted additional hours to complete the second degree requirements. Note "Determining Maximum Time Frame" below.

Once you reach the maximum attempted credit hours, you are no longer eligible for financial aid as an undergraduate student. Federal regulations stipulate that the maximum time frame for an undergraduate student cannot exceed 150% of the published length of the academic program.

Completion Ratio – You must complete and pass at least 67% of all credit hours you attempted. Courses earned include grades of A, B, C, D, or S. Courses attempted include any course in which grades of A, B, C, D, F, W, WF, I, S, U or IP are given.

Graduate Students
Maximum time frame – To determine the maximum time frame, multiply the total hours required for the degree by 150% + ½ total hours. As an example, if the program required 33 hrs. x 150% + ½ total hours (50+17 = 67 hrs.). This includes credits attempted at any school prior to and while enrolled at Kennesaw State University (KSU).

Completion Ratio – You must earn at least 67% of all attempted credit hours.

2. Qualitative Requirement

The qualitative requirements sets a minimum Cumulative Grade Point Average for all students. Each student must maintain a 2.00 GPA each term to remain in good academic standing at KSU. The cumulative GPA includes grades of A, B, C, D, F, WF and I. The cumulative GPA, which is determined by the Registrar's Office processes, will be checked each term for SAP.

- Undergraduate Students – The cumulative GPA requirement is 2.00 for each term.
- Graduate Students – The cumulative GPA requirement is 3.00 for each term.
- Policy Details
- When is SAP determined?
- Initial Review – You are considered to be meeting SAP during your first KSU term.
- End of Every Semester Review- Your SAP status is calculated at the end of each semester, after grades are posted to your academic history by the Registrar's Office.
- What happens when you do not meet the requirements?
- You are no longer eligible for financial aid – including work, loans, grants or scholarships. If on a Warning Status – eligibility may continue (note below).
- Because you do not qualify for financial aid, you must pay your tuition and fees by the payment deadline or your registration will be cancelled by the Bursar's Office.
- Maximum Time Frame (maximum attempted credit hours) – When you have attempted the maximum credit hours, you are no longer eligible to receive financial aid.

Is there extended eligibility for a 2nd bachelor's degree? – Yes. You may attempt a total of 150% of the hours needed to complete your first degree plus 60 additional hours. The standard is 123 x 150% = 185 + 60 = 245 attempted hours.

Low Completion Ratio – There are two statuses for low completion ratio before your eligibility for financial aid is cancelled. Probation status is only allowed for one term.

- Warning Status – The first time you fall short of meeting the required completion ratio, your status is Warning. You remain eligible to receive financial aid while in warning status.
- Failure Status – After attending one semester on Warning status, if you do not meet the required completion ratio, your status becomes Failure Status. You are no longer eligible to receive financial aid until the required standards are met. You must successfully appeal to regain eligibility.
- Probation Status – After being placed on a Failure Status, AND a student has successfully appealed and financial aid has been reinstated, the student is eligible to receive financial aid. This status is only for one term and quite often will carry conditions and/or stipulations for continued eligibility.
- How do you regain eligibility?
- SAP Appeal – If extenuating circumstances during a specific term of enrollment prevented you from meeting the requirements, you may file a SAP Appeal. You must also complete the SAP Evaluation Form.
- Appeal Requirements:

1. A typewritten explanation of extenuating circumstances associated with Failure Status. Indicate how these circumstances have changed so that you can comply with regulations in the future. Attach supporting documents to corroborate extenuating circumstances mentioned in the letter.

2. Include a "student plan of action" for academic improvement. This requires that you meet with your Academic Advisor and receive a plan for getting back in good academic standing.
3. Attach at least one letter of support from someone that can substantiate the extenuating circumstances. This individual should not be a family member. Examples would include a medical doctor, clergy, professional, etc.
4. Attach the SAP Appeal form and the SAP Evaluation Form.
5. The appeals forms must be provided to the Financial Aid Office within the prescribed dates as noted on the SAP Appeal Form. Failure to provide these within the prescribed dates will result in a delayed determination.
6. An objective committee, composed of selected individuals outside the Financial Aid Office, determines whether the appeal is approved. The decision of the Appeals Committee is final and cannot be appealed further.

- Appeal Denials or Non-appeals – If you are denied an appeal or you decide not to appeal, you must complete the necessary hours and earn the appropriate grades. Once you have reached the prescribed standards you become eligible to receive financial aid.
- You change from undergraduate to graduate – If you reach Failure Status as an undergraduate, and then are admitted to a graduate degree program, you will be eligible to receive financial aid as a graduate student. You must be in a degree-seeking status and fully accepted into the graduate program.
- Academic Circumstances that Affect Your Status:
- Changes in major, double majors or minors – may cause you to reach your maximum attempted hours, and lose your eligibility before earning a degree.
- Incomplete grades, missing grades, failing grades, course withdrawals – all reduce your completion ratio, because they are counted as attempted, but not earned credits. They also count against your maximum attempted hours.
- Repeated courses – count as attempted credit hours each time you register for them. They also count against the allowed maximum. This can also reduce your completion ratio because repeated credits count as earned credits only once. NOTE: The U. S. Dept. of Education allows only one retake for Title IV credit.
- Academic Fresh Start – count against your maximum attempted credits, and also lower your completion ratio because the credits count as attempted but not earned.
- Transfer credits, credits taken while cross-registered, enrolled in study abroad, transient study – count toward your maximum attempted credits and your completion ratio. NOTE: Credits count as attempted, but not earned, until your official transcript is reviewed and processed by the KSU Registrar's Office. This could cause you to be in a Failure Status.
- Remedial courses – do not count as either attempted or earned credits.
- Late posted grades or grade changes- will require that you submit a written request to have your SAP recalculated after you have confirmed with the Registrar's Office that the grade change has been posted to your academic record.
- Dismissal and Return – students who are suspended academically or choose not to attend because of SAP Failure will not be automatically eligible for financial aid upon their return. Student must meet both qualitative and quantitative standards of SAP. If below standards, a student must appeal or use means other than financial aid for educational expenses. Absence does not restore eligibility for financial aid. It remains the responsibility of the student to be knowledgeable of their SAP standard when returning to school after dismissal or choosing not to return because of SAP Failure.
- Summer Term Courses – all hours attempted and completed in the summer terms are treated as any other semester hours in determining SAP status. SAP will be checked following the summer term as well.

- Audit Courses – students are not eligible to receive financial aid for audit courses. Audited courses are not included in hours attempted or earned for SAP determination.

Determining Maximum Time Frame
Undergraduate students maximum time frame is 150% x total number of hours required to complete their degree program. Ex., if a student is a Biology major, and the requirements listing in the catalog require 123 credit hours to complete this program, then a total of 123 hours is required for the degree x 150% = 185 attempted credit hours. The maximum number of hours is therefore 185 attempted hours for this student.

For 2nd BA degree seeking students: The maximum time frame (using the above example) is 245 attempted credit hours or 150% of hours needed to complete the first degree plus 60 additional hours. Ex., 123 x 150% = 185 + 60 = 245.

Graduate & Professional students: To determine the maximum time frame, multiply the total hours required for the degree (i.e., 33) by 150% + ½ total hours (i.e., 33). For this student, the maximum time frame would be 50 + 17 = 67. Remember: The maximum time frame for graduate students is total hours required for the degree x 150% +1/2 total hours = maximum time frame.

No Progress (receiving all Fs or all Ws)
In addition, any student that fails to make progress by receiving all Fs or WFs (or combination of both) in any given semester will be placed on SAP Failure and will immediately lose eligibility for financial aid beginning the next semester.

Students receiving all Ws will be placed on SAP Warning beginning the following semester regardless of the students' cumulative GPA, and their continued financial aid eligibility will be checked consistent with policy (the following term).

Prior (before Fall 2011) SAP Policy and New Policy (beginning Fall 2011)

Students who are on a "Warning Status" (refer to old policy), will be allowed to retain eligibility for Fall 2011 term only. A determination of continued eligibility will occur after Fall 2011 grades are posted.

Other Financial Services

Veterans' Benefits

The university is on the approved list of the Georgia State Approving Agency for the training of veterans, disabled veterans, and the children and widows of deceased veterans who are eligible for benefits under the G.I. Bill.

Students in training under the G.I. Bill are required to pay all fees as regular students, since they are paid benefits directly through the Veterans Administration. Each VA beneficiary should make financial preparation for at least one semester because benefit checks are sometimes delayed. Students in training under the G.I. Vocational Rehabilitation program should check with the university Business Services Office regarding the handling of their account for fees, supplies, etc.

Eligible veterans, children and widows of veterans must make application to their regional Veterans Administration Office. Application forms are available at Kennesaw State University in the Office of the Registrar. It is the student's responsibility to contact the registrar's office at the time of acceptance to the university. Certain requirements must be met before students may be certified for noncredit remedial courses for VA payment purposes. Students attending on the G.I. Bill are certified for VA benefits only for those courses required in their particular programs of study. Courses taken for audit are not payable by the VA.

Such students must maintain Kennesaw State University standards for academic performance. Those students who are academically dismissed from school will have their benefits interrupted. Upon readmission and re-certification of benefits at Kennesaw State University, the VA will decide if further benefits may be paid for continuation of the program in which the academic deficiency occurred. Current VA standards require that students attend class and that benefits be terminated when the student has been suspended for academic or disciplinary reasons. (Since VA regulations are subject to periodic change, it

is the student's responsibility to keep up to date on requirements for VA benefits while in attendance at Kennesaw State University.)

Vocational Rehabilitation

Students who attend the university and whose fees are to be paid by the State Department of Education's Division of Vocational Rehabilitation must make arrangements prior to registration with the Bursar's Office regarding the handling of their account. In addition, it is the student's responsibility to request the Office of the Registrar to send copies of his/her grades to the Vocational Rehabilitation Office each semester.

Academic Advisement & Academic Policies

Academic Advisement

The mission of academic advising at Kennesaw State University is to facilitate student success, development, and retention by supporting the design and implementation of educational and career plans.

Goals of Academic Advising

Academic advising is conducted via a decentralized structure. Students who know their intended major are advised in their college and school's academic department and undeclared students are advised in the Student Success and Enrollment Services division (Student Success Services). The Undergraduate Advising Council, represented by advisors from both the divisions of Student Success and Academic Affairs, oversees and coordinates the campus-wide advising efforts.

Recognizing that effective advising is a partnership between advisors and advisees and that each has its own role and responsibility, it is expected that, regardless of where the advising occurs, the academic advisor's roles is to:

1. Help the advisee to understand the academic and administrative processes of the university.
2. Help the advisee to understand the expected standards of achievement and likelihood of success in certain areas of study.
3. Discuss the educational and career objectives suited to the advisee's demonstrated abilities and expressed interests. The advisors help the advisee to understand the relationships among the courses, programs, undergraduate research opportunities, internships, study abroad programs, and other academic and personal development experiences provided by the university.
4. Help the advisee plan a course of study and give advice about courses and the adjustment of course loads. The advisor will inform the advisee about the prerequisites for subsequent courses in the advisee's program and evaluate their progress.
5. To familiarize advisees with, and direct advisees to, appropriate campus resources.

6. Participate in the advisor training sessions provided by the university and each college and department to keep informed and current.
7. Encourage students to utilize available resources in the development of effective study skills.
8. Provide necessary mentorship and career development support.

The advisee's role in the academic advising process is to:

1. Acquire the information needed to assume final responsibility for course scheduling, program planning, and the successful completion of all graduation requirements.
2. Seek the academic, personal development and career information needed to develop and meet educational and personal goals.
3. Become knowledgeable about the relevant policies, procedures, and rules of the university, college, and academic program.
4. Be prepared with accurate information and relevant materials when contacting the advisor.
5. Consult with the advisor at least once per semester to decide on courses, review the accuracy of the audit, check progress towards graduation, and discuss the suitability of other educational opportunities provided by the university.
6. Take personal responsibility for his or her own actions and behavior.

Declared Students

Students who have declared majors are assigned to trained faculty advisors in the department of their major or to the college advising center. These advisors can advise students on General Education requirements, major requirements, job possibilities, internships, research with faculty, applied community/campus experiences, grants, and scholarships in addition to knowing campus resources for referrals. Students should connect with their advisor each semester to register for appropriate courses and also to develop a mentoring relationship that will facilitate career development throughout college and after graduation. Each of the colleges and departments organize their advisement procedures differently; therefore, students should contact their faculty advisors or the departmental secretaries for specific information. We encourage you to declare your major as soon as possible so that you can be assigned an academic advisor.

Undeclared Students

Students who have not declared a major and those required to take Learning Support classes are assigned to First-Year & Undeclared Advising Services (FYUAS) in Student Success Services (SSS) to be advised by a staff of trained, professional advisors. (See Student Success Services section of the undergraduate catalog.) These advisers are trained and available to help students select courses that meet the General Education requirements, adjust to the university, and choose a program of study. First-Year & Undeclared Advising Services (SSS) also refers students to other campus resources.

First-Year Students (Freshmen)

First-Year Advising Requirement: First-Year students (freshmen) are required to meet with an academic advisor prior to registration for their second and third semesters. This requirement is enforced by the placement of the "FY-Advising Required" registration hold. These students will not be able to register for the second and third semester until they have met with an advisor either in their major department or in First-Year and Undeclared Advising Services.

Academic Policies

Registration

The Office of the Registrar, located in Kennesaw Hall, is the central administrative office responsible for registering students, maintaining the permanent academic records, administering the Regents' Testing Program Policies and test registration, performing degree audits, enforcing the academic policies of the university and generally ensuring that students' academic issues are dealt with accurately and professionally. In addition, the Registrar's staff handles transfer evaluations and Veteran's Affairs. This office approves requests for data from the computerized student record system.

All registration at Kennesaw State University is conducted over the web through Owl Express. There are two phases of registration at KSU–Early Registration and Registration. The Early Registration phase is available to students who are currently enrolled and in good academic standing. These students are strongly encouraged to register within the Early Registration phase.

The Registration phase is available to new, readmitted, and all currently enrolled students. New students are invited to attend an orientation session where they will have an opportunity to register for classes.

A Drop/Add Session is offered to students during the first week of classes. Students are encouraged to drop courses during this period in lieu of receiving a withdrawal.

NOTE: Specific dates can be found on the academic calendar located on the KSU Registrar web page.

Verification of Class Schedule

Students should verify their class schedule for each semester enrolled. No course additions/deletions are permitted after the Drop/Add period has ended. It is the student's responsibility to verify their class schedule (including credit hours) on Owl Express for accuracy.

Auditing

Auditing of courses will be permitted for regularly enrolled students who have obtained the approval of their advisor. Proper paperwork obtained in the Office of the Registrar must be filed before the end of Drop/Add. Such courses count at full value in computing the student's course and fees load, and the students' name should appear on the official class rolls of the courses audited. The courses being audited should also appear on the student's approved schedule of courses. No credit is granted for courses scheduled on an auditing basis, and students are not permitted to change to or from an auditing status after the Drop/Add ends. The grade for auditing is "V" (visitor), and this grade should at no time be changed to a "W" on the basis of the auditor's attendance in the course. The grade of "V" will have no effect upon the student's grade-point average, and students will not be permitted to have the audit grade changed at any future date.

Full-Time Load

The basic unit of all college work is the "semester credit hour." For undergraduate students, twelve (12) semester hours is a full-time load in determining such things as veteran status, financial aid, and insurance eligibility. However, the usual load for a full-time undergraduate student is at least 15 semester credit hours in both fall and spring semesters. Since summer term is approximately half the length of these semesters and the workload, therefore, twice as heavy, KSU strongly recommends that students not attempt more than 12 hours of credit during that term. For graduate students, 9 semester hours is considered full-time.

Holds on Registration

Holds may be placed on a student's registration in order to satisfy an obligation owed to the university. Holds are displayed on the student's advising guide through Owl Express. The most frequent holds are for a debt due to a parking ticket or library fine, an unsatisfied Regents' testing requirement or a College Preparatory Curriculum (CPC) deficiency. Failure to return equipment or lab supplies may also result in a registration hold. Registration, transcript requests and graduation cannot proceed unless a hold is removed.

Internships

Up to 12 semester hours of internship may be applied to degree requirements and may be used to satisfy general or free electives, as determined by the individual departments. Minimum requirements for participation in internships for academic credit vary by academic departments, but the following regulations generally apply to all departments, and colleges:

1. The content of the internship will not substantially overlap an existing course in the curriculum.
2. A student may not carry more than 12 credit hours in internship per semester.
3. A student must gain approval by the department where credit is being sought before registering for the internship course.
4. A student must follow the procedures set by the department where credit is being sought plus those required by the university for registration into the course.

5. A student must complete all requirements specified by the academic department for successful completion of the internship. Students interested in pursuing an academic internship should check with the coordinator of cooperative education and internships in the Career Services Center, or the chair of the department where credit is being sought, for specific enrollment procedures.

Directed Study

The following institutional regulations apply to directed study. Additional departmental requirements may exist.
General restrictions:

- Content in the directed study will not substantially overlap an existing course in the curriculum.
- A student may not carry more than three semester hours in a directed study per semester.
- A maximum of ten semester hours of directed study may be used to satisfy degree requirements with a maximum of three hours used as related studies electives and a maximum of three hours used as free electives. The department shall determine the maximum number of hours allowed within the major.
- A student must have an overall adjusted GPA of at least 3.0 and a cumulative GPA in the major of at least 3.0 in order to be eligible for a directed study.
- Any student wishing to do a directed study must obtain an approval form from his/her advisor and complete a Directed Study Form, which goes to the Registrar's office.

Maximum Loads

Only students in good standing (which includes students on academic probation but excludes students under academic dismissal or exclusion) may register for classes.

During the fall and spring semesters, the maximum number of credit hours allowed for students with a cumulative grade point average under 3.5 is eighteen credit hours; and the maximum number of credit hours allowed for students with a cumulative grade point average of 3.5 or higher is twenty-one credit hours. While these restrictions apply also to the summer term, KSU strongly recommends that students not attempt more than 12 hours of credit during that term.

The Registrar must approve all exceptions to the above restrictions.

Prerequisites

Students should attempt to schedule courses that serve as prerequisites for advanced study early in their academic career. Lower division courses are designed to serve as preparatory for upper division requirements.

First-Year Seminar or Learning Community Requirement

All first-year full-time students entering Kennesaw State University with fewer than 15 semester hours are required to complete a First-Year Seminar or join a Learning Community and complete all courses that comprise it. This requirement must be satisfied during a student's first term of enrollment at Kennesaw State University. Students with 30 or more credit hours are not eligible to enroll in a First-Year Seminar or a Learning Community. "First-Year Seminar" courses are: KSU 1101, KSU 1111, KSU 1121, and KSU 1200.

Atlanta Regional Consortium for Higher Education (ARCHE)

Kennesaw State University is a member of the Atlanta Regional Consortium for Higher Education, an association of colleges and universities in the Atlanta area offering a combination of reciprocal academic services, such as cross registration, interlibrary loans and visiting scholars program.

The cross registration program is available to students officially enrolled in Atlanta Regional Consortium Institutions. This program is distinct from transient status in that it is possible for a student to register for an approved course at any of the 21 consortium schools and receive credit, while paying tuition costs to the home institution. The intent is to allow qualified students to take course work in their area of study that is not available on their own campus.

To be eligible to participate, the student must be in good standing and must have the recommendation of the faculty advisor or department chair at the home institution. Cross registration may be pursued only for courses not offered at the home institution for the given term and is not recommended for students in their last semester before graduation. Students who wish to enroll in courses at member institutions of the Atlanta Regional Consortium should obtain a Cross-Registration form from the cross registration coordinator in the Office of the Registrar. Check with the coordinator for individual member college cross registration deadlines.

Student Records

Change of Status/Record Verification

The Office of the Registrar provides a list of other services including: change of address, change of name, letters of verification, removal of certain holds, early grade letters, transient grade letters and a variety of other services. Call the Office of the Registrar at (770) 423-6200 for additional information.

Changing or Declaring Majors

Students who wish to declare or change his/her major or add/change their concentration will need to request this through Owl Express, Registration and Student Records. The appropriate academic department of the new major will address the request. The updated major will appear on the Academic Transcript in Owl Express after the academic department has approved the change. Some students may wish to change from a major to undeclared status. In this case, they must contact the Student Success Services Office.

These services are also available on the web. Students should note that when changing majors, there is a possibility that additional hours of course work beyond those required for the completion of the original program may need to be taken. Students should declare a major as soon as possible so that they can be assigned an advisor to help them expedite their progress toward a degree and to help them in preparing for a career.

Credit by Exam

A student may receive up to 30 semester hours of credit by CLEP, AP, IB, institutional or other such examinations.

Institutional Examination for Advanced Standing

Students who offer satisfactory evidence may receive credit for a course by an examination for advanced standing. If the examination is passed, the students will receive the appropriate college credit, which will not be included in the calculation of the grade point average.

Requests for institutional advanced standing examinations should be initiated with the department chair responsible for the course in question and must be approved by the registrar.

Forms are available in the Office of the Registrar. Approval of these requests will be subject to the following criteria:

1. Authorization will not be given for a course under any of the following circumstances:
   - If the student has previously audited the course.
   - If the student has previously scheduled and failed the course.
   - If the student has previously scheduled the course, but has withdrawn after the first two calendar weeks from the day the semester begins.
   - If the student is currently enrolled in the course.
   - If the course is either a prerequisite or an introduction to a course already completed. (This provision does not apply to skill courses such as physical education or music, for example.)
2. Credit earned by institutional advanced standing examination may be used neither to satisfy residency requirements nor to satisfy more than one-half of the major-field or minor-field requirements in a program of study.
   - A passing grade for an institutional advanced standing examination is a grade of 75 percent or higher for a lower-division course and a grade of 80 percent or higher for an upper-division course.
   - A fee of $60 will be assessed for each institutional advanced standing examination attempted; no course may be attempted more than once.
   - A student must be admitted to the university at the time of application

for advanced standing and must be enrolled in the university to receive credit for a course by advanced standing examination.

College Level Examination Program (CLEP) for Advanced Standing
Students with business, military or professional experience are eligible to take standardized examinations in a number of areas to earn credit for certain specific courses, provided a minimum score is attained on the tests. Credit earned will be recorded on the student's permanent record. For specific information concerning subject areas in which tests are available, the cost and minimum score required for credit and dates tests will be given, contact Student Success Services Office (SSS).

Advance Placement (AP)
Kennesaw State University honors Advance Placement (AP) credit for certain classes in which an equivalent is offered and for which the required grade is achieved. For details on the scores required and course equivalencies, contact the Office of the Registrar.

International Baccalaureate (IB)
Kennesaw State University honors International Baccalaureate (IB) credit for certain classes in which an equivalent is offered and for which the required grade is achieved. A maximum of 24 semester hours of credit may be awarded for International Baccalaureate classes. For details on the scores required and course equivalencies, contact the Office of the Registrar.

Degree Audits
Undergraduate students should submit a formal petition for the degree through our online petition process. Login to Owl Express; select Registration and Student Records tab; select Petition to Graduate. Once submitted, the graduation petition process will initiate a petition fee assessment and a final audit of your academic record to determine eligibility toward the degree. Expect four to six weeks for a completed degree audit. Petition status changes are viewable at the Display Petition Status link in Owl Express, and you will be prompted by email to view status changes in addition to essential audit results and graduation policies.

Graduation	Petition Acceptance	Petition Deadline
Summer Semester	January 1	April 10
Fall Semester	April 1	July 1
Spring Semester	August 1 of previous year	November 1 of previous year

Grade Reports
Official grade reports are no longer mailed. They are available on the web. All grades reflected are those submitted by the faculty members at the time of posting. Grade reports, in addition to the official grades for that semester, contain a semester grade point average, an adjusted grade point average when required, and a cumulative grade point average. For graduate students, a semester GPA and a cumulative GPA are issued.

Transcripts
Due to provisions of the Student's Right to Privacy Act, the student is the only one who can authorize release of his/her records. Transcripts are issued to students upon request through Owl Express. Transcripts requested through Owl Express will be mailed or available for pick up by the next business day. Students who have not been enrolled in the past six consecutive semesters must request transcripts by fax, mail or in person.

Transfer Evaluations
Copies of transcripts from other universities cannot be reissued to the student. When a transfer student is fully accepted to Kennesaw State University, the Office of Admissions notifies the Office of the Registrar that a transcript has been received. Transcripts are evaluated in the order they are received from the Office of Admissions and are completed within 2-3 weeks. Once completed, an evaluation notice will be emailed to the student and transfer credits may be viewed on the Owl Express transcript.

Courses & Registration

Withdrawal from Courses

Students may withdraw from one or more courses any time before the last three weeks of the semester. However, as of fall 2004, students will be allowed a maximum of eight total withdrawals if they enter KSU as a freshman. Transfer students will be allowed one withdrawal per fifteen credit hours attempted, for a maximum of eight. Students who choose to pursue a second degree at KSU will be allowed two additional withdrawals. Students who entered KSU before fall 2004 will be allowed one withdrawal per fifteen credit hours attempted for a maximum of eight after the institution of this policy. Students who exceed the maximum number of withdrawals will receive a grade of "WF" for any subsequent withdrawals. To completely or partially withdraw from classes at KSU, a student must withdraw online through Owl Express.

Students who officially withdraw from courses before the last day to withdraw without academic penalty will receive a grade of "W" and receive no credit. Students who officially withdraw after the last day to withdraw without academic penalty and before the last three weeks of the semester or who have exceeded the maximum number of withdrawals will receive a grade of "WF," which will be counted as an "F" in the calculation of their grade point average.

The only exceptions to these withdrawal regulations will be for instances involving unusual circumstances, which must be fully documented. Students may appeal to the academic standing committee for consideration of unusual circumstances. Exact withdrawal dates will be published in the official academic calendar. Students who simply stop attending classes without officially withdrawing usually are assigned failing grades. Students will receive refunds only when they withdraw from ALL their classes and only by the schedule outlined in the University System refund policy.

Grading Policies

Grading System

Issuance of grades and formulation of individual attendance policies are the prerogative of the instructor. Faculty must provide feedback to students about their progress prior to the last published day to withdraw without academic penalty. Grades are expected to conform to those listed below. Any deviations must be approved by the Faculty Senate and the Office of the Registrar.

The following are the final grades included in the determination of the scholastic grade point average:

Final Grades	Quality Points per Credit Hour *
A: excellent	4
B: good	3
C: satisfactory	2
D: passing, but less than satisfactory	1
F: failing	0
WF: late withdrawal, failing	0

* Quality points are not awarded in learning support courses. These courses give institutional credit only, not graduation credit.

The following symbols will be used in the cases indicated:

I—Indicates an incomplete grade for the course, and will be awarded only when the student has done satisfactory work up to the last two weeks of the semester, but for nonacademic reasons beyond his/her control is unable to meet the full requirements of the course.

A grade of "I" must be removed (by completing the course requirements) within one calendar year from the end of the semester or summer term in which the "I" was originally assigned. In addition, should the student enroll in classes at KSU during the calendar year, the grade of "I" must be removed by the end of the first semester or term of enrollment during that calendar year.

Upon completion of the course requirements within the specified time limits, a final grade will be assigned on the basis of the student's total performance. If the course requirements are not completed within the specified time limits, then the "I" will be changed to an "F" (for a course which awards letter grades of "A", "B", "C", "D", or "F") and the cumulative and adjusted grade point average will be recalculated accordingly or, the "I" will be changed to a "U" (for a pass/fail course which awards a grade of "S" or "U"). An "I" cannot be removed by re-enrolling in the course.

K—indicates that a student was given credit for the course via a CLEP or AP.

W—indicates that the student was permitted to withdraw from the course without penalty with the approval of the registrar before the withdrawal date listed in the Semester Schedule of Classes. Withdrawals without penalty may be permitted after the official withdrawal period in hardship cases only with the approval of the registrar. A course in which a grade of "W" has been assigned will not be included in the calculation of the student's grade point average.

WF—indicates that the student was permitted to withdraw from a course with the approval of the registrar after the withdrawal date listed in the Semester Schedule of Classes. The grade of "WF" is counted as an F in the calculation of the student's grade point average.

S—indicates satisfactory completion of a credit course and is not included in the calculation of the grade point average. It also indicates satisfactory completion of certain credit laboratory-type internships, or co-op courses specifically designated by overall faculty action.

U—indicates unsatisfactory completion of a credit course and is not included in the calculation of the grade point average. It also indicates unsatisfactory completion of certain credit laboratory-type courses specifically designated by overall faculty action.

IP—indicates progress in a learning support credit course, but not sufficient to meet the prerequisite requirements for the succeeding course. It is not included in the calculation of the grade point average.

V—indicates that the student was given permission to audit the course. It is not included in the calculation of the grade point average. Students may not transfer from audit to credit status or vice versa.

NR—indicates that no grade was reported.

Grade Changes

Errors in grades must be reported to the Office of the Registrar immediately. In general, no grade changes will be made after the end of the next semester after the grade was assigned, except with the approval of the Academic Standing Committee. In general, the Academic Standing Committee will not consider requests for grade changes beyond one year from the end of the semester in which the grade was assigned. A petition for a grade change will not be accepted after the date of graduation.

Deficiencies

A student who has received a grade of "I", "IP", "F" or "WF" in a course has a deficiency in the course. A student whose final grade is "F" or "WF" has a failure in that course. The student should repeat and pass the course in residence at Kennesaw State University before credit will be allowed. Repeating the course does not remove the "F" or "WF" from the total cumulative average.

A student who has otherwise completed all of the requirements for graduation and who has earned an incomplete in a course scheduled during the final semester in residence may remove the incomplete at the convenience of the department of instruction concerned.

Repeating Courses

When undergraduate courses taken at KSU with earned grades of "D", "F", or "WF" are repeated at KSU with a "C" or higher grade, the unsatisfactory grades and course attempts will not be included in the calculation of the adjusted grade point average (AGPA). When repeating a grade of "C" or higher

both grades are calculated in the AGPA. The student's permanent record and cumulative grade point average will retain all course attempts and grades.

Re-enrollment Policy

Effective Spring 2012, after taking or attempting an undergraduate course for the second time, students will not be allowed to re-enroll in that class without the permission of the department chair or his/her designee. It is the sole discretion of the department chair/designee to decide if and when a student will be allowed to enroll in a class that they have taken/attempted twice. There is no obligation on the part of the chair to allow a student to enroll in a course after the student's second attempt to take the course. This limitation is in place regardless of previous grades including grades of "W or "WF". The standing exception to this policy is for courses described in the KSU Undergraduate catalog as being repeatable for credit.

Grade Point Averages

Kennesaw State calculates a cumulative grade point average (CGPA) for each student. The CGPA is the total number of quality points earned, divided by the total number of semester credit hours in which a final grade has been assigned, excluding courses in learning support (0097, 0098, 0099) or Regents' Skill Classes (0198, 0199). This average is inclusive of all courses attempted through KSU and does not include transfer credits.

A semester grade point average (SGPA) is calculated similarly each semester for courses attempted that semester. This SGPA becomes particularly significant for students on academic probation who must maintain a 2.0 SGPA to avoid academic dismissal.

The adjusted grade point average (AGPA) is calculated like the CGPA, but excludes unsatisfactory grades ("D", "F", "WF") in repeated courses. The AGPA may be restarted for returning nontraditional students who petition the Registrar for an "academic fresh start" or the KSU students who return to work on a second degree and who petition the Registrar. The AGPA will be used to determine academic standing (probation or dismissal) and eligibility for program admission. The AGPA will also be used to determine eligibility for graduation and eligibility for honors, but with some restrictions. To graduate, students must have at least a 2.0 AGPA and at least 30 earned hours of credit for KSU course work not excluded because of repeated courses or "fresh start" status. If the student has fewer than 30 earned hours of credit for non-excluded KSU course work, he/she must have a 2.0 cumulative grade point average. To receive honors at graduation, "second degree" and "fresh start" students must have at least 60 earned hours of credit at KSU after the "second degree" or "fresh start" status was granted. In addition, for honors, students who have repeated courses must have at least 60 earned hours of credit at KSU after the hours for the repeated courses have been excluded.

GPA For Second Degree

A student who returns to KSU for a second KSU undergraduate degree may have his/her Adjusted GPA restarted at the time of re-entry. In order to restart the AGPA, students must petition the Office of the Registrar.

Grade Appeals

Students' rights to grade appeals are defined in the university catalog. A key element in the grade appeal procedure is the faculty member's responsibility to publish a specific grading policy for each of his/her classes. Specifically, the grade appeal procedure states: "Each faculty member must specify his/her grading policy, at the first of the semester. He/she may change his/her grading policy for cause after that time, but he/she must do so uniformly, with ample notification to students, if at all possible."

Note that failure to publish the grading policy would mean that a faculty member would have great difficulty in sustaining his/her assigned grade if a student appealed with anything but a frivolous or irresponsible basis for his/her charge. The grading policy should be quite specific and should be distributed to each class in written form. Some departments may also require faculty members to file grading policy statements in the departmental office. Because the student has 60 days to appeal a grade, it is strongly recommended that instructors retain any student papers, tests, projects, or other materials not returned to the student for 70 days after the end of a semester or if an appeal is filed until the appeal is resolved. Refer to the following section for specific grade appeal procedures.

Grade Appeal Procedure

Kennesaw State University is committed to treating students fairly in the grading process. Students may appeal a final grade that they receive in a course, but interim grades or grades on specific assignments are not appealable. Any such appeal must be based on an allegation that the faculty member has violated his/her stated grading policy or that the grade was a result of some unlawful discrimination or retaliation. The student has the burden of proving these allegations. All formal appeals under these procedures will be based only on the written record.

1. Informal: Students are encouraged to discuss concerns and disputes over final course grades with the faculty member, prior to filing a formal grade appeal, in an effort to understand the basis of his/her grade. Faculty are encouraged to be available to students for such discussion regarding grades so that if possible, grade disputes can be resolved informally. The Office of the University Ombuds can provide assistance to students and faculty with resolving disputes informally in an effort to bring resolution to the matter prior to the initiation of a formal complaint. If the student has evidence for some unlawful discrimination or retaliation, the student may bring his/her concerns directly to the Ombuds Office without first reviewing the matter with the faculty member.
2. Formal: In situations where such informal resolution does not occur or is not successful, the student may appeal the final course grade to the Department Chair. The appeal must be in writing and describe the precise basis for the appeal. Any pertinent information must be submitted with the appeal in order to be considered in this or subsequent appeals. The appeal must be submitted within 20 business days after the first day of classes of the next academic term (fall, spring, summer[or any other term]) after the academic term in which the final grade was awarded to the student. The Chair will invite the faculty member whose grade is appealed to provide a written response to the student's appeal statement. The Department Chair (or the Chair's designee) will review the allegations and conduct any additional fact finding as needed and will provide a decision in writing to the student, within 20 business days of the receipt of the complaint in the Department. The Chair's written decision will specifically address the issues raised by the student. In preparing the written decision, the Chair is encouraged to consult with the EEO officer or the Chief Diversity Officer in an effort to determine whether unlawful discrimination or retaliation had an impact on the grade that was awarded.
3. The student may appeal the Department Chair's decision within 20 business days of being notified of the Chair's decision. Such appeal will be made, in writing, to the Dean of the College in which the Department is located. The Dean will appoint an advisory panel, consisting of two (2) faculty members from outside the department where the grade was awarded and one (1) student to review the written documentation and make a recommendation to the Dean. The advisory panel may invite the student and the faculty member who awarded the grade to meet with the panel to share each party's position on the grade dispute. The panel will provide a written recommendation to the Dean within ten (10) business days of the receipt of the appeal. The Dean will issue a decision to the student, in writing, within ten (10) business days of the receipt of the report from the advisory panel.
4. The student may appeal the Dean's decision to the Provost, in writing, within twenty (20) business days of being notified of the Dean's decision. [However, if it is a graduate course, the student will direct this written appeal to the Graduate Dean, and the Graduate Dean will issue a decision to the student, in writing, within twenty (20) business days of receiving the appeal. Within twenty (20) days of that decision, the student may then appeal to the Provost as is described in this section] The Provost, will issue a decision to the student, in writing within

twenty (20) business days of receiving the appeal.

5. The Provost's decision is final, and decisions regarding grades may not be appealed to the Board of Regents (BOR Policy 407.01).

President's List and Dean's Lists

The president's list and the dean's list are announced after each semester or summer term. These lists apply only to undergraduate students not under academic or disciplinary probation. The president's list includes the names of all students who, for the semester or summer term in question, (1) were enrolled in at least 9 credit hours of courses awarding letter grades, and (2) earned a grade point average of 4.0. The deans' lists includes the names of all students who, for the semester or summer term in question, (1) were enrolled in at least 9 credit hours of courses awarding letter grades, and (2) earned a grade point average of at least 3.5 (but less than 4.0). Please note that learning support courses are not included in the above calculations.

Academic Fresh Start

If a current student who was previously enrolled at KSU discontinued her/his college studies for at least five years, that individual may petition in the Office of the Registrar for a onetime "academic fresh start". If the Academic Fresh Start is approved, the student's Adjusted Grade Point Average (AGPA) will be readjusted to the term he/she was readmitted. The student's transcript and cumulative GPA will retain all previous course attempts and grades. The granting of Academic Fresh Start does not supersede Financial Aid policies regarding Satisfactory Academic Progress.

Students who wish to participate in the Academic Fresh Start program must complete the Academic Fresh Start Request and submit it directly to the Office of the Registrar within three semesters after re-enrollment or one calendar year, whichever comes first. A student can be granted Academic Fresh Start status only one time.

The Adjusted GPA will be used for determining academic standing and eligibility for graduation. To earn a degree, a student must meet the institution's residency requirements after acquiring Academic Fresh Start status. For students to receive honors at graduation, Fresh Start students must have at least 60 earned hours of credit at KSU after the Academic Fresh Start status was granted. Academic credit for previously completed coursework, including transfer coursework received prior to the student discontinuing studies at KSU, will be retained only for courses in which a grade of "A," "B," or "C" has been earned. Retained grades are not calculated in an Adjusted GPA. Such credit is considered in the same context as transfer credit, credit by examination, and courses with grades of "S." Courses with grades of "D" or "F" must be repeated at the Academic Fresh Start institution if they are required in the student's degree program. Further, all remaining courses for the current degree objective must be completed at the Academic Fresh Start institution, i.e., no transient credit will be accepted. Applicability of retained credit to degree requirements will be determined by the degree requirements in effect at the time Academic Fresh Start status is conferred on the student. Specific institutional program regulations must also be met.

A student who has been dismissed from KSU and has attended one or more USG institutions during the period of dismissal is not eligible for Academic Fresh Start. A student who has not been dismissed from KSU but who has been absent from that institution five years or more and who has attended a school other than that institution may choose only one of the following options: 1) a student may return to the same institution subject to all relevant transfer and re-entry policies. No Academic Fresh Start will be granted and transfer credit will be granted for applicable courses taken during the absence or 2) a student may apply for Academic Fresh Start. If Academic Fresh Start status is approved, no transfer credit will be granted for coursework completed during the absence.

The granting of Academic Fresh Start does not supersede the KSU dismissal policy. Any dismissal that occurred in the past shall remain recorded on the student's permanent record.

Reentry into any program is not automatic. The granting of Academic Fresh Start does not supersede the admissions requirements of

certain programs, e.g., teacher education and nursing, which require a specific minimum grade point average based upon all coursework.

KSU follows the Board of Regents' Academic Fresh Start policy.

Academic Probation

A student will be placed on academic probation at the end of any semester or summer term in which his/her adjusted grade point average (AGPA) falls below 2.0. Students may remove themselves from academic probation by raising their AGPA to at least 2.0. Priority registration is only open to currently enrolled students who are not on probation.

Academic Dismissal

Students on academic probation will be dismissed for any one of the following reasons:

1. They fail to maintain a 2.0 grade point average for courses attempted in any semester or summer term.
2. They fail to remove themselves from academic probation after completing three consecutive terms of attendance.
3. They fail to remove themselves from academic probation after attempting 30 semester hours.

For counting semesters and terms of enrollment, audits, withdrawals and incompletes will be used.

Students who are dismissed are not in good academic standing at KSU and are not eligible for immediate readmission.

After the first dismissal, a student may be considered for readmission after an absence of one semester or summer term. Dismissed students must reapply for admission prior to posted deadlines. After the second dismissal, a student may be considered for readmission after an absence of one calendar year from the end of the semester or summer term in which the second dismissal occurred. After the third dismissal, the student will not be eligible for readmission. Any exceptions to this policy must be appealed and approved by the Academic Standing Committee.

Learning Support Standing

Grades received in learning support courses (0097, 0098, 0099) are not included in the calculation of a student's grade point average (adjusted or cumulative). Failing grades in these courses will be considered for the purpose of determining satisfactory progress.

Exclusion - A student who does not complete a learning support area in two (2) attempts shall be placed on exclusion.

A student who has been excluded from the university because of learning support attempts is not eligible for readmission in learning support studies. Completion of learning support requirements elsewhere may restore a student's eligibility for readmission to Kennesaw State's undergraduate program.

Students engaged in degree-credit courses before the completion of their learning support requirements will be subject to the requirements of satisfactory scholarship in both types of courses simultaneously. Once the learning support requirements are met, a student's academic standing will be judged solely on the basis of his or her adjusted grade point average for degree credit courses.

Transient Status (for KSU Students) at Another College/Institution

Students wishing to be transient students at another institution must submit a request to the registrar. Once the registrar has determined that the student is either currently enrolled or has been enrolled in KSU during the past calendar year, and the student is not on academic probation, dismissal or exclusion, then the registrar will issue the appropriate transient letter for the student. The department chair in the student's major must approve major courses taken as a transient student. Students on disciplinary suspension or expulsion will not be issued t
ransient letters.

Attendance Policy

Attendance in classes, laboratories and lectures is important. All students are expected to attend these activities in accordance with their schedule of courses. The instructor determines the attendance policy for each course. All instructors will provide the

students, at the beginning of each semester, a clear statement regarding their policies in handling absences. Instructors will also be responsible for counseling their students regarding the academic consequences of absences.

Students must not be absent from announced quizzes, laboratory periods or final examinations unless the reasons for the absences are acceptable to the instructors concerned. Students should also understand that they are responsible for all material covered during their absences and that they are responsible for the academic consequences of the absences. Students who are absent because of their participation in university-approved activities such as field trips and extracurricular events will be permitted to make up the work missed during their absences.

KSU Telecommunication Policies

The rules for use of all telecommunications equipment, including telephones, computers and FAX equipment, are found the KSU Web site at: *http://www.kennesaw.edu/infosec/issp.html* or they can be reached from the KSU Intranet Home Page by choosing the topic Issue Specific System Policies from the Computing Resources section.

Use of any of these facilities implies an understanding of and compliance with these policies.

University-Wide Degree Requirements

General Education Program

The General Education program offers a solid, comprehensive foundational academic experience for all Kennesaw State University students. In a series of interrelated courses in the liberal arts and sciences, it provides the opportunity for them to acquire the intellectual skills and knowledge characteristic of educated persons in a diverse, global community. Thus, it forms the basis for success in academic, professional, and personal arenas.

Whereas the major program contributes depth to a college education in a designated specialization, the general education core program provides breadth of understanding by providing an introduction, connection, and integration to a variety of disciplines needed by educated persons. At KSU, the General Education Program consists of interrelated classes that develop skills for an informed, engaged, and capable citizenry.

General Education at KSU is a campus-wide effort. With faculty representatives from every college, the General Education Council, headed by the Associate Vice President for Faculty Affairs and Curriculum, oversees the continued development and refinement of this important, core program. The General Education Council also oversees assessment activities and works with related programs (e.g., Learning Communities, First Year Experience Programs, and Honors Programs) and the Undergraduate Policies and Curriculum Committee in an effort to develop continuity for students. The General Education Program at KSU has nine learning outcomes, including three overlay learning outcomes (critical thinking, global perspectives, and U.S. perspectives).

Core Area A (Essential Skills)

- WRITTEN COMMUNICATION: Students write appropriately for rhetorical situation, audience, purpose, and genre; demonstrate appropriate content, organization, syntax, and style; and acknowledge the use of information sources, according to convention.
- READING COMPREHENSION: Students articulate comprehension of written material including the author's rhetorical purpose and the strategic use of text features.
- INTERPRETATION: Students explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables, or words) at a level appropriate for the complexity of problems in a college-level course.
- REPRESENTATION: Students convert information into a mathematical portrayal (e.g., equations, graphs, diagrams, tables, or words) at a level appropriate for the complexity of problems in a college-level course,

Core Area B (Social Issues: Institutional Options)

- SOCIAL SCIENCES: Students analyze the complexity of human behavior and how social, historical, economic, political, or spatial relationships develop, persist, or change.
- CRITICAL THINKING: Students articulate a position on an issue and support it by evaluating evidence relevant to the position, considering opposing positions or evidence, and documenting sources according to convention.

Core Area C (Humanities/Fine Arts)

- GLOBAL PERSPECTIVES: Students analyze creative works from multiple international cultures in relation to the historical, political, economic, sociocultural, aesthetic, or personal contexts in which those works emerged.

Core Area D (Natural Sciences)

- NATURAL SCIENCES: Students apply the scientific method to analyze data related to natural phenomena found in everyday life.

Core Area E (Social Sciences)

- U.S. PERSPECTIVES: Students articulate the historical, political, social, or institutional developments in the United States.
- Throughout the university system, the core curriculum consists of 60 semester credit hours of which a minimum of 42 are in general education and 18 in major-related courses.

University-Wide Academic Information

Prerequisites

Students should attempt to schedule courses that serve as prerequisites for advanced study early in their academic career. Lower division courses are designed to serve as preparatory for upper division requirements.

Substitutions

Students with advanced standing credits or transfer credits for courses similar to those required in the General Education Program may be permitted to satisfy KSU's requirements through approved course substitutions. Students seeking such substitutions should contact the department chair of the respective course discipline.

Mathematics Advisement and Placement Test (MAPT)

Students who are not required to take the mathematics COMPASS test for the Learning Support Program should take the Mathematics Advisement and Placement Test (MAPT). The MAPT helps students decide which credit mathematics course to take first. This is an online test that students should take before orientation and advisement. Details are at *http://placement.kennesaw.edu*.

Transferring Core Credits to KSU

Students transferring to KSU from another USG institution may take advantage of the following policy by completing the General Education Program. Students successfully completing a course in one institution's Areas A–E will receive full credit in Areas A–E for the course upon transfer to another USG institution as long as the following conditions are met:

- the course is within the Area hours limitations of either the sending institution or the receiving institution and
- The student does not change from a non-science major to a science major
- Please note that additional courses may be required if they are prerequisites to major courses. Area F (lower division major) courses require a grade of "C" or better. Once the transfer evaluation has been completed, refer to DegreeWorks in Owl Express to determine how transfer credit is applied to a particular program of study.

Transferring Core Credits to Another USG Institution

Students transferring from KSU to another USG institution may take advantage of this policy by completing the General Education Program. Students must meet the USG-specified minimum number of hours in each Area A–E. Students successfully completing a course in one institution's Areas A–E will receive full credit in Areas A–E for the course upon transfer to another USG institution as long as the following conditions are met: the course is within the Area hours limitations of

either the sending institution or the receiving institution; the student does not change from a non-science major to a science major.

To certify the completion of individual courses or one or more core areas, students should consult a transfer credit specialist at the receiving institution.

Hours Required for an Undergraduate Degree

Most baccalaureate degrees consist of a minimum of 123 semester hours. Exceptions to the maximum degree length requirements have been made with the approval of the Board of Regents. A baccalaureate degree program requires at least 24 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall.

Regents' Testing Program Requirements

Effective fall, 2011, Kennesaw State University was approved for an exemption of the Regent's Test by the Board of Regents of the University System of Georgia.

Academic Standing Classification of Students

Undergraduate students are classified into levels on the basis of the number of credit hours they have earned as follows:

Level	Number of Credit Hours Earned
Freshman	0-29
Sophomore	30-59
Junior	60-89
Senior	90 and above.

Classification of Courses

The courses of instruction for degree credit in the curriculum of the university are divided into three categories: lower division, upper division and graduate. Lower division courses (typically regarded as freshman and sophomore level courses) are numbered 1000-2999; upper division courses (typically regarded as junior and senior level courses) are numbered 3000-4999; and graduate courses are numbered 5000 and above. Graduate courses are open only to students accepted to graduate study. (Courses numbered below 1000 do not count for degree credit but do count for determining fees and enrollment status.)

ENGL 1101 and 1102: The Campus Writing Requirement

At Kennesaw State University ENGL 1101 and ENGL 1102 (English Composition I & II) are required for all undergraduate degrees. A grade of "C" or better is required for ENGL 1101 and ENGL 1102.

Graduation Requirements

To be considered for admission to candidacy for a degree, students must make formal petition to the faculty for the degree. The chart below indicates the earliest and latest times that students may petition to graduate. Petition forms are available in the Office of the Registrar and must be returned, once completed, to the Office of the Registrar.

Term of Graduation	Earliest Time to Petition	Latest Time to Petition
FALL	April 1	July 1
SPRING	August 1 of previous year	November 1 of previous year
SUMMER	January 1	April 10

To be eligible to receive a baccalaureate degree, a student must meet the following requirements:

1. Complete the required General Education courses, with a grade of "C" or better in ENGL 1101 and ENGL 1102 (or equivalents, if a transfer student).
2. Complete the chosen program of study with the grade of "C" or better in all courses listed under the major, including those listed as Lower Division Major Requirements.
3. Complete a minimum of 123 semester hours with a minimum cumulative grade point average of 2.0 on all course work attempted at KSU. No course may be counted more than one time in meeting the total credit hours required for the degree.
4. Have at least a 2.0 adjusted grade point average (AGPA) and at least 30 earned hours of credit for KSU course-

work not excluded because of repeated courses or "fresh start" status. If the student has fewer than 30 earned hours of credit for non-excluded KSU coursework, he/she must have a 2.0 cumulative grade point average.

5. Complete at least 39 semester hours of upper division (courses numbered 3000 or higher) work overall.
6. Complete at least 30 semester hours in residence at Kennesaw State (Coles College of Business requires 33 hours). At least 20 of the last 30 semester hours preceding graduation must be earned in residence. In addition, 24 semester hours of the upper level major requirements must be earned in residence at KSU.
7. Complete satisfactorily the University System of Georgia Regents' Testing Program (required of all persons receiving a degree from any institution in the University System of Georgia).
8. Complete successfully HIST 2112 and POLS 1101 or pass examinations in these fields (to satisfy the Georgia General Assembly's requirement that all graduates of units of the University System of Georgia demonstrate competency in United States and Georgia history and the constitutions of the United States and Georgia).
9. In all instances, meeting the requirement for graduation is the responsibility of the student.

It should be noted that program and course requirements and university policies are subject to change without advanced notice. Changes in policy and requirements enacted by the Board of Regents take precedence over existing university policies and requirements. The University will make reasonable efforts to accommodate students affected by such changes, but reserves the right to determine where and to what extent it will grant exceptions to new policies and requirements. In such cases, program requirements that were published in University catalogs that are more than 10 years old will not be honored without specific approval of the department chair responsible for the program.

The University may elect to apply the policies or program requirements of an earlier catalog if the student was enrolled at the time that the earlier catalog was in effect. Students will not be permitted to mix or split requirements for graduation from more than one catalog.

While students may elect to graduate under degree requirements found in any catalog from the semester they matriculate until the semester they graduate, they are required to follow the most recent catalog requirements regarding prerequisites, co-requisites, or other faculty approved changes in courses. In cases where courses are deleted, students must substitute courses deemed acceptable by the faculty or chair responsible for the degree program in question.

Graduation Ceremonies

Graduation ceremonies are held at the end of fall semester, spring semester, and summer semester.

Graduation with Honors

An overall adjusted grade point average of at least 3.5 is required for students to graduate cum laude, 3.7 to graduate magna cum laude and 3.9 to graduate summa cum laude from a baccalaureate program. Graduation with honor requires that students earn at least 60 semester credit hours in residence at Kennesaw State University for the bachelor's degree.

To receive honors at graduation, "second degree" and "fresh start" students must have at least 60 earned hours of credit at KSU after the "second degree" or "fresh start" status was granted. In addition, for honors, students who have repeated courses must have at least 60 earned hours of credit at KSU after the hours for the repeated courses have been excluded.

Double Majors

An undergraduate student is eligible to have a double major recorded on the transcript and to graduate with two majors under the following conditions:

1. All of the requirements for two KSU degree programs are satisfied, including all residency and institutional requirements for each major; and

2. The second major contains at least 21 semester hours of upper division course work beyond the courses required for the students first major and general education requirements.

Second Degrees

Students who have earned a baccalaureate degree from an institution regionally accredited by the Commission on Colleges may obtain a second baccalaureate degree from KSU by satisfying the following requirements:

- Meet all major requirements listed for the chosen program of study.
- Complete the Georgia Legislative history and Constitution requirements.
- Students earn at least 30 semester hours in residence at Kennesaw State University. If the first baccalaureate degree was earned at Kennesaw State University, these 30 hours must be in excess of any hours used towards the first baccalaureate degree.
- Complete (for students with majors in the Bagwell College of Education) the lower division major requirement courses in Education.

General Education Requirements at KSU

Area A: Essential Skills - (9 Credit Hours)

- ENGL 1101 - Composition I [1]
- ENGL 1102 - Composition II [2]

- MATH 1101 - Introduction to Mathematical Modeling [3, 4, 5]
  or
- MATH 1111 - College Algebra [3, 4, 5]
  or
- MATH 1112 - College Trigonometry [3, 4, 5]
  or
- MATH 1113 - Precalculus [3, 4, 5]

Notes:

[1] Prerequisites: ENGL 0099 & READ 0099, if required
[2] Prerequisite: ENGL 1101 with "C" or better
[3] Prerequisites: MATH 0098 or MATH 0099, if required
[4] Mathematics, biology, chemistry, computer science, secondary math education, and secondary science education majors should take MATH 1112 or MATH 1113 and should see an advisor. (Students who plan to take MATH 1112 may need to take MATH 1111 as a prerequisite). Most other students should take MATH 1101. Students who are well prepared in mathematics may begin in MATH 1190 with the approval of the Mathematics Department Chair.
[5] Business majors must take MATH 1111 or MATH 1113 and must also take MATH 1106 or MATH 1190.

Area B: Social Issues (Institutional Option) - (5 Credit Hours)

- ANTH 2105 - Social Issues: Perspectives in Anthropology [1, 2, 3]
  or
- GEOG 2105 - Social Issues: Perspectives in Geography [1, 2, 3]
  or
- PSYC 2105 - Social Issues: Perspectives in Psychology [1, 2, 3]
  or
- SOCI 2105 - Social Issues: Perspectives in Sociology [1, 2, 3]
  or
- CRJU 2105 - Social Issues: Perspectives in Criminal Justice [1, 2, 3]

- COM 1109 - Human Communication [4, 5, 6, 7]
  or
- FL 1002 - Introduction to Foreign Language and Culture II [4, 5, 6, 7]
  or
- PHIL 2200 - Ways of Knowing [4, 5, 6, 7]

Notes:
[1] Prerequisites: ENGL 0099 & READ 0099, if required.
[2] Psychology and Sociology Majors should not take the course in their major discipline.
[3] Nursing Majors must take Sociology
[4] Students seeking a B.A. degree must complete FL 2001 AND FL 2002. FL 1002 is a prerequisite for FL 2001; therefore, FL 1002 may be the preferred option for these students.
[5] FL 1002 has a prerequisite of one year of foreign language in high school or FL 1001
[6] FL = Foreign Language and denotes one of our foreign languages, e.g., SPAN (Spanish), FREN (French), GRMN (German), etc.
[7] Communication majors should take FL 1002 or PHIL 2200 to satisfy this requirement.

Area C: Humanities/Fine Arts - (6 Credit Hours)

- ENGL 2110 - World Literature [1]

- ART 1107 - Arts in Society: Visual Arts [2]
  or
- DANC 1107 - Arts in Society: Dance[2]
  or
- MUSI 1107 - Arts in Society: Music [2]
  or
- TPS 1107 - Arts in Society: Theatre and Performance [2]

Notes:
[1] Prerequisite: ENGL 1102 with "C" or better.
[2] Art and Theatre majors should not take the course in their major discipline. Music majors are required to take MUSI 1107, World Music section.

Area D: Science, Mathematics, and Technology – (10 to 11 Credit Hours)

- SCI 1101 - Science, Society, and the Environment I [1]
  or
- GEOG 1112 - Weather and Climate [1]
- or
- GEOG 1113 - Introduction to Landforms [1]
- or
- CHEM 1211 - General Chemistry I [2]

- CHEM 1211L - General Chemistry I Laboratory [2]
  or
- CHEM 1151 - Survey of Chemistry I [3]

- CHEM 1151L - Survey of Chemistry I Laboratory [3]
  or
- PHYS 1111 - Introductory Physics I [4]
  or
- PHYS 2211 - Principles of Physics I [5]

- SCI 1102 - Science, Society and the Environment II [6]
  or
- CHEM 1212 - General Chemistry II [7]

- CHEM 1212L - General Chemistry II Laboratory [7]
  or
- CHEM 1152 - Survey of Chemistry II [8]

- CHEM 1152L - Survey of Chemistry II Laboratory 8
  or
- PHYS 1112 - Introductory Physics II [9]
  or
- PHYS 2212 - Principles of Physics II [10]

- MATH 1106 - Elementary Applied Calculus [11, 12]
  or
- MATH 1107 - Elementary Statistics [11, 12]
  or
- MATH 1190 - Calculus I [11, 12]

Notes:

[1] *Prerequisites: ENGL 0099, READ 0099, & MATH 0098 or MATH 0099, if required*
[2] *Corequisite: MATH 1113 or MATH 1112*
[3] *Prerequisites: READ 0099, & MATH 0099, if required*
[4] *Prerequisite: MATH 1113 or MATH 1112*
[5] *Prerequisite: MATH 1190*
[6] *Prerequisite: SCI 1101 or Departmental approval*
[7] *Prerequisite: "C" or better grade in CHEM 1211*
[8] *Prerequisite: CHEM 1151 and CHEM 1151L*
[9] *Prerequisite: PHYS 1111*
[10] *Prerequisite: PHYS 2211*
[11] *Prerequisites for MATH 1106 and MATH 1107: MATH 1101 or MATH 1111 or MATH 1112 or MATH 1113*
[12] *Prerequisite for MATH 1190: MATH 1112 or MATH 1113*

Math and science requirements depend on majors. Students should see an advisor to determine which courses are most appropriate and to ensure that all prerequisites and major requirements are met.

1. Students majoring in mathematics, biology, chemistry, computer science, and secondary mathematics education are advised to take MATH 1190. Nursing majors are advised to take MATH 1107. Business and information system majors are advised to take MATH 1106 or MATH 1190. Most other students take MATH 1107.
2. Students majoring in mathematics, biology, chemistry, and secondary biology education are advised to take CHEM 1211 & 1212 or PHYS 1111 & 1112 or PHYS 2211 & 2212 and their labs, if separate. Students majoring in computer science are advised to take one of the PHYS sequences. Students majoring in nursing are advised to take CHEM 1151 & CHEM 1152 and their labs. All other students (non-math/science majors) should take SCI 1101 & SCI 1102. However, any science courses meeting the criteria are acceptable except Anatomy & Physiology, and Microbiology.

Area E: Social Sciences – (12 Credit Hours)

- POLS 1101 - American Government in a Global Perspective [1]

- ECON 1100 - Global Economics [2, 3, 4]
  or
- ECON 2100 - Principles of Microeconomics [2, 3, 4]

- HIST 1110 - Introduction To World History
- HIST 2112 - America Since 1890

Notes:
[1] *Prerequisite: ENGL 0099 & READ 0099, if required*
[2] *ECON 1100 has prerequisites of the following courses, if required: ENGL 0099, MATH 0098 or MATH 0099, READ 0099*
[3] *Business, history education, and international affairs, and sport management majors must take ECON 2100. All other students should take ECON 1100*
[4] *ECON 2100 has a prerequisite of MATH 1101 or higher*

Area F: Courses Related to the Program of Study - (18 Credit Hours)

See the individual majors for the specific requirements in this area.

Fitness for Living Requirement

All students entering Kennesaw State University are required to take the Fitness for Living Course (HPS 1000). The University wants students to understand the importance of physical activity, nutrition, stress and weight management, and health-related fitness components. Students will have an opportunity to assess selected fitness, nutritional and activity patterns, and to develop and participate in a personalized physical activity program.

First-Year Seminar or Learning Communities Requirement

All first-year full-time students entering Kennesaw State University with fewer than 15 semester hours are required to complete a First-Year Seminar or join a Learning Community and complete all courses that comprise it. This requirement must be satisfied during a student's first term of enrollment at Kennesaw State University. Students with 30 or more credit hours are not eligible to enroll in a First-Year Seminar or a Learning Community. "First-Year Seminar" courses are: KSU 1101, KSU 1111, KSU 1121, and KSU 1200.

College of the Arts

The mission of the KSU College of the Arts is to provide an outstanding arts education that prepares students to be locally and globally engaged artists, scholars, educators, and citizens. Towards this end, the College offers liberal arts and professional arts degrees that honor tradition alongside innovation, fuses theory and practice, and promotes integrity, discipline, arts advocacy, and leadership. The College values vitality and significance alongside excellence in teaching and learning and promotes the arts as essential to individual growth and community building. These ideals inform all curricular and co-curricular programming and community collaborations. The College of the Arts offers academic and professional programs of study that prepare students for careers in the visual and performing arts. Undergraduate programs are built upon a strong common liberal arts component. Through its departments, the college offers the Bachelor of Arts degrees in Music, Dance, and Theatre and Performance Studies, the Bachelor of Fine Arts degree in Art, the Bachelor of Music degrees in Music Education, Performance, and the Bachelor of Science degree in Art Education.

The College of the Arts annually hosts a number of guest artists who provide students with rich professional training experiences. These artists appear as part of the major exhibitions in the Fine Arts Gallery, the Sturgis Library Gallery, and performances in the Premiere Series, the Musical Arts Series, and Theatre, Performance Studies, and Dance production seasons. The College offers the Starlight Summer Series at the Legacy Gazebo Amphitheatre featuring local and international artists. These unique experiences provide exceptional opportunities for the College's talented students.

Special units in the College of the Arts include:

- The College of the Arts Box Office - services audience development, ticketing, and event information needs of the College of the Arts.
- The Stillwell Theater - theatrical, musical, opera, and other university events are held in the University's Stillwell Theater.
- The Black Box Theater - a new black box theater in the Wilson Annex for theatre and performance studies events.
- Chastain Pointe Dance Facility - a state-of-the-art studio that is fully equipped with a multifunction AV system, studio seating for 75 and a double-sprung professional quality marley floor.
- The Dr. Bobbie Bailey and Family Performance Center - Built in 2007, the Bailey Performance Center boasts an

acoustically superb 634-seat performance hall, the Eric and Gwendolyn Brooker Rehearsal Hall and the Don Russell Clayton Gallery. The Bailey Center presents the Premiere Series, the flagship concert series of the KSU College of the Arts, which consistently showcases the finest performers of our time. The Bailey Center is also the primary rehearsal and performance venue for the School of Music, and regularly hosts large and small ensemble performances, chamber music, and faculty and student recitals.
- Recreation Center Dance Studio - This dance studio theatre is used to offer dance classes on the main campus, as well as a performance venue for informal studio productions in dance.
- The Performing Arts Library - this library serves the curricular needs of students and faculty in the School of Music and the Department of Theatre, Performance Studies, and Dance. The library houses musical scores, plays, sound recordings, video recordings, reference materials, historical music collections, other musicological materials as well as the theatre collection.
- Visual Arts Resources Center - this facility houses an extensive collection of digital and analog images as well as periodicals and other print resources in art.
- Technology Labs - the arts labs provide faculty and staff with state-of-the-art computer labs for artistic creation.
- Art Galleries - the Visual Arts Department maintains three visual art galleries that show exhibitions of works by students, faculty, and alumni; works from COTA's permanent collection of art; and nationally and internationally touring shows.
- University Museum - the Clayton Art Gallery is home to an important collection of works by Athos Menaboni, and periodically hosts other exhibitions.

Accreditations

The School and departments in the College of the Arts are nationally accredited. In addition, the teacher education programs in the arts have state approval for K-12 teacher certification in Georgia. For full accreditation/approval information see academic department listings below.

Academic Departments

Academic Departments

The College of the Arts houses three academic departments:
- The School of Music (B.A., B.M.)
- Department of Theatre, Performance Studies, and Dance (B.A.)
- Department of Visual Arts (B.F.A., B.S.)

School of Music
(770) 423-6151

The School of Music provides a variety of services to the university through its commitment to the liberal arts tradition, core curriculum and its maintenance of professional degree programs. Among the objectives of the school are training performers and music teachers in the areas of piano, voice, strings, brass, woodwinds, guitar and percussion instruments; providing suitable background for teaching or advanced study by graduates; and offering leadership in the community through making available recitals, concerts, musicals and operas.

The School of Music offers programs of study leading to the Bachelor of Arts in Music, the Bachelor of Music in Music Education with concentrations in general, choral, and instrumental music and the Bachelor of Music in Performance with concentrations in piano, voice, and instrumental music. Each of these music programs is fully accredited by the National Association of Schools of Music (NASM).

Theatre, Performance Studies, and Dance
(770) 499-3123

The Department of Theatre, Performance Studies and Dance at Kennesaw State University supports the liberal arts mission of the University by engaging students as artists, scholars, and active citizens in their social worlds. Students learn through praxis, encountering performance as the intersection of rigorous critical investigation and practical, engaged, learning. Taking a uniquely holistic view of performance to include the realms of theatrical production, storytelling, dance, performance art, and everyday life, the department challenges students to recognize performance as a method of analysis, a mode

of inquiry, and a creative and aesthetic act.

Our program offers a wide range of courses dedicated to developing students as scholar-artists, viewing both live performance as scholarship and writing as a creative act. The program provides opportunities for students to create, witness, and critique performances based on a variety of sources: from dramatic scripts and classical choreography to literary and folk traditions, original ethnographic field research, and contemporary movement. Inherent within this premise lies an ardent commitment to provide global learning opportunities to students as vital to their individual and social growth. It is the department's mission to push the discipline forward in integrating theatre, dance and performance studies approaches, offering for our campus and our community a broad spectrum of voices, cultures, texts, periods, and styles of performance experiences.

The department offers two degree programs: the Bachelor of Arts in Theatre and Performance Studies and the Bachelor of Arts in Dance.

Visual Arts
(770) 423-6139

The Department of Visual Arts offers programs of study in studio art, graphic communication and art education (P-12). In addition to a professional emphasis, the program is grounded in the liberal arts tradition. That students should be knowledgeable in a variety of disciplines, including the visual arts, is a key rationale for the activities and programs of the department. General department goals are to assist students in the acquisition of a broad understanding of the visual arts and to recognize artistic quality in their own personal expressions as well as in the work of others; to provide direct experiences in the visual arts for students, faculty, and the community through quality art exhibitions, lectures, and publications; and to provide professional training for individuals seeking careers in the visual arts.

Both the studio art and art education programs are fully accredited by the National Association of Schools of Art and Design. Cooperative study and internship programs are available through the department for students to gain work experience in conjunction with their academic training. Students are encouraged to expand their educational experience through participation in Visions, the student art guild, and by attending the numerous art exhibitions and lectures held throughout the academic year.

Minors

- Art History
- Dance
- Music

Programs of Study

- Bachelor of Fine Arts in Art
- Bachelor of Science in Art Education
- Bachelor of Arts in Art History
- Bachelor of Arts in Dance
- Bachelor of Arts in Music
- Bachelor of Music in Music Education
- Bachelor of Music in Performance
- Bachelor of Arts in Theatre and
- Performance Studies

Major in Art, BFA

Bachelor of Fine Arts Degree
College of the Arts, Department of Visual Arts
(770) 423-6139

The Department of Visual Arts has two comprehensive undergraduate degree programs, the Bachelor of Fine Arts in Art and the Bachelor of Science in Art Education.

Bachelor of Fine Arts in Art

The Bachelor of Fine Arts in Art is a professional degree program. The BFA prepares students for a variety of art and art-related careers or graduate school by providing a thorough grounding in fundamental principles and techniques with opportunities for emphasis in one or more arts areas. This degree focuses on intensive work in art or design supported by a program of general studies. The BFA degree offers concentrations in (1) graphic communications, (2) drawing and painting, (3) photography (4) printmaking (5) sculpture, and (6) ceramics.

Bachelor of Science in Art Education

The Bachelor of Science in Art Education leads to teacher certification in grades pre-kindergarten through grade 12. This program is based on the Comprehensive Arts Education model with a curriculum that includes study in studio, art history, aesthetics and art criticism. The art education program is aligned with the National Association of Schools of Art and Design, the National Standards for the Visual Arts, the Fine Arts Georgia Performance Standards, and the National Board for Professional Teaching Standards. The program provides students with a broad foundation in general education, extensive study in art, and professional education and field experiences. All art and art education majors are required to take art and art history foundation course work in lower-division major requirements before taking upper-division art or art education courses. This degree is listed as Major in Art Education by the Bagwell College of Education and in the Professional Teacher Education Unit. Each program of study is a sequentially based curriculum beginning the first semester of the freshman year. Students who delay entering the major until completion of the General Education Core Curriculum may prolong their academic careers.

DEPARTMENT OF VISUAL ARTS ADMITTANCE REQUIREMENTS

Entrance Portfolio

Study in visual arts studio courses may not be initiated until the student has been fully accepted by Kennesaw State University and the Department of Visual Arts as an art major or art interest major. All prospective art majors are required to complete an application form and submit a portfolio of their artwork. Admission to degree programs in the Department of Visual Arts is contingent upon portfolio review and acceptance by the department. Portfolio submission and review must take place before a student can proceed beyond ART 1100 and ART 1150. See the Department of Visual Arts admission application, portfolio content requirements and portfolio review deadline dates on the KSU Department of Visual Arts web site, ***www.kennesaw.edu/visual_arts*** . Applications and portfolios are sent to the College of the Arts Admissions and Enrollment Office. Direct any additional questions about admission requirements to this office by calling 770-423-6614.

Students who do not have portfolios or students whose portfolios are not accepted can begin their art studies as an art interest student. They may take introductory art courses based on available space and resubmit their portfolios for review.

Transfer Admission
Students who wish to transfer into the Department of Visual Arts from another institution follow the same admissions procedure as all new students. Transfer credit for courses in studio art is evaluated by portfolio review. Students enrolling at KSU for a second degree in art must also apply and submit a portfolio for review.

BFA Concentration Review Portfolio
Students must be admitted by an upper-level second portfolio review to a BFA concentration area in order to continue their Visual Arts degree program at KSU. Students are admitted to a BFA concentration or the Art Education Program based on available concentration openings and the quality of the student's submitted portfolio work. Refer to the department website and contact your concentration advisor for specific portfolio requirements and deadlines.

Change of Concentration
Students who wish to change their studio concentrations must resubmit a portfolio to the desired area of concentration and be accepted by that concentration area.

Dual Concentrations
Students electing a second concentration may use the Level I course of the second concentration as part of the distribution requirements. The other necessary courses in the second concentration may be placed as art electives for the first concentration. A second concentration may in some cases extend the degree beyond 123 credits. Students must follow the same process of portfolio submission and approval to be accepted into a second concentration.

Change of Degree Program
Students who wish to change degree programs in art must reapply and gain admission status to the new degree program.

Placement
The Department of Visual Arts holds the exclusive authority to determine appropriate admission level placement, credit evaluation of art courses in studio, art history, and art education.

Continuation in Program
All art students must maintain an overall GPA of 2.25 to remain in the program. Students falling below a 2.25 may have one semester to improve their GPA and continue; if they do not, they are permanently dismissed from the program. Students may not fall below a 2.25 twice; a second incidence will result in immediate and permanent dismissal from the program.

BFA in Studio Art majors must maintain a 3.0 GPA in their concentration areas. Falling below a 3.0 in the concentration or making one grade of "F" in the concentration area will result in dismissal from the concentration. Students dismissed from two concentrations may not continue in the BFA program.

BS in Art Education majors must have a 2.75 overall GPA in order to be admitted to the Teacher Training Program of the Bagwell College of Education and to remain in the degree program. Furthermore, two or more "D" or "F" grades after admission to teacher education will result in a review by the Admissions and Academic Standing Committee. For a complete list of other requirements for art education students, refer to Admission and Retention in Teacher Education under Bagwell College of Education in the Undergraduate Catalog.

All students must make timely and reasonable progress toward the degree. A lapse of two or more semesters will require reapplication to the Department of Visual Arts.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower-Division Major Requirements (Area F) (18 Credit Hours)

- ART 1100 - Two-Dimensional Design and Color Theory
- ART 1150 - Drawing I
- ART 1200 - Three-Dimensional Design
- ART 2150 - Drawing II
- ART 2550 - Computer Applications in Art
- ART 2990 - Professional Practices and Portfolio Preparation

Entrance Portfolio

All prospective art majors are required to complete an application form and submit a portfolio of their artwork. Admission to degree programs in the Department of Visual Arts is contingent upon portfolio review and acceptance by the department. Portfolio submission and review must take place before a student can enroll in courses beyond ART 1100 and ART 1150.

Upper-Division Major Requirements (51 Credit Hours)

Distribution Requirements (9 Credit Hours)

Select three from the following outside the concentration area. At least one 2-D and one 3-D area must be represented.

- ART 3015 - Electronic Illustration
- ART 3120 - Ceramics I
- ART 3160 - Painting I
- ART 3300 - Sculpture I
- ART 3320 - Jewelry and Small Metals I
- ART 3400 - Photography I
- ART 3500 - Printmaking I
- ART 3550 - Book Arts and Papermaking
- ART 3990 - Art As a Public Profession

Art History (12 Credit Hours)

Both courses required for all art majors.

- ARH 2750 - Ancient through Medieval Art
- ARH 2850 - Renaissance through Modern Art

Select two courses from the following:

- ARH 3000 - Survey of Asian Art
- ARH 3100 - African Art
- ARH 3150 - Islamic Art
- ARH 3200 - Art of the Ancient Americas
- ARH 3250 - Latin American Art
- ARH 3300 - Ancient Egyptian Art
- ARH 3350 - Art of Ancient Greece
- ARH 3370 - Roman Art and Architecture
- ARH 3500 - Italian Renaissance Art
- ARH 3600 - Baroque Art
- ARH 3700 - Nineteenth-Century Art
- ARH 3750 - History of American Art

- ARH 3850 - Art Since 1900
- ARH 3990 - Research Methods in Art History
- ARH 4000 - Historical Studio Practices
- ARH 4150 - African-American Art
- ARH 4500 - Women in Art
- ARH 4700 - Victorian Art and Culture
- ARH 4850 - History of Graphic Design
- ARH 4900 - Contemporary Art
- TPS 3493 - Performance Art

BFA Concentration (30 Credit Hours)

Concentration Review Portfolio
Students select an area of concentration from those listed below. While enrolled in the second course of the concentration students will submit a portfolio of work in that area for review by the supervising faculty. Students who do not pass will not be allowed to continue in the program.

Graphic Communications Concentration

- ART 3011 - Typography I
- ART 3015 - Electronic Illustration
- ART 3020 - Typography II
- ART 3021 - Publication Design
- ART 3022 - Pre-Press and Image Manipulation
- ART 4021 - Advertising and Packaging
- ART 4022 - Digital Design: Dreamweaver
- ART 4023 - Digital Design: Flash
- ART 4030 - Design Strategy and Presentation
- ART, ARH, or ARED 3000- or 4000-level elective choice

Painting and Drawing Concentration

- ART 3150 - Drawing III - Life Drawing
- ART 3160 - Painting I
- ART 3260 - Painting II
- ART 3265 - Aqueous Media

Select a total of 12 credit hours from any combination of the following three repeatable courses:

- ART 4150 - Advanced Study in Drawing
- ART 4255 - Advanced Study in the Figure
- ART 4265 - Advanced Study in Painting

Choose two courses for a total of 6 credit hours:

- Any ART, ARH, or ARED 3000- or 4000-level elective choice

Photography Concentration

- ART 3150 - Drawing III - Life Drawing
- ART 3400 - Photography I
- ART 3410 - Photography II
- ART 3420 - Photography III
- ART 4410 - Advanced Study in Photography (repeat for a total of 9 credit hours)

Choose three courses for a total of 9 credit hours:

- Any ART, ARH, or ARED 3000- or 4000-level elective choice

Printmaking Concentration
- ART 3150 - Drawing III - Life Drawing
- ART 3500 - Printmaking I
- ART 3510 - Printmaking II
- ART 4510 - Advanced Study in Printmaking (repeat for a total of 12 hours)

Choose three courses for a total of 9 credit hours:
- Any ART, ARH, or ARED 3000- or 4000-level elective choice

Ceramics Concentration
- ART 3120 - Ceramics I
- ART 3150 - Drawing III - Life Drawing
- ART 3360 - Ceramics II
- ART 4360 - Advanced Study in Ceramics (repeat for a total of 12 hours)

Choose three courses for a total of 9 credit hours:
- Any ART, ARH, or ARED 3000- or 4000-level elective choice

Sculpture Concentration
- ART 3150 - Drawing III - Life Drawing
- ART 3300 - Sculpture I
- ART 3310 - Sculpture II
- ART 4310 - Advanced Study in Sculpture (repeat for a total of 12 hours)

Choose three courses for a total of 9 credit hours:
- Any ART, ARH, or ARED 3000- or 4000-level elective choice

Senior Review Exhibition (3 Credit Hours)
Choose one according to concentration
- ART 4980 - Senior Portfolio and Applied Project (Graphic Communication)
  or
- ART 4990 - Senior Art Seminar and Exhibition (Studio Concentration)

Free Electives (6 Credit Hours)

Program Total (123 Credit Hours)

Major in Art Education, BS

College of the Arts
Department of Visual Arts
(770) 423-6139

This single field program is designed to prepare art teachers at all grade levels (pre-kindergarten through grade 12). It leads to P-12 teacher certification in the teaching field of art in Georgia. Candidates complete the equivalent of a major in art and a second major in pedagogical studies with an emphasis on teaching art. The program is based on the Comprehensive Arts Education and the curriculum in the teaching field includes study in studio, art history, aesthetics and art criticism.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- ART 1100 - Two-Dimensional Design and Color Theory
- ART 1150 - Drawing I
- ART 1200 - Three-Dimensional Design
- ART 2150 - Drawing II
- ART 2550 - Computer Applications in Art
- ART 2990 - Professional Practices and Portfolio Preparation

Teaching Field Requirements (9 Credit Hours)[1]

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning

Upper Division Major Requirements (29 Credit Hours)[2]

- ART 3120 - Ceramics I
- ARED 3155 - Art Education Life Drawing
- ART 3160 - Painting I
- ART 3300 - Sculpture I
- ART 3400 - Photography I
- ART 3500 - Printmaking I

Art History

(Both required by all art education majors for a total of 6 credit hours)

- ARH 2750 - Ancient through Medieval Art
- ARH 2850 - Renaissance through Modern Art
- ARH 3850 - Art Since 1900

Senior Exhibition

Required for all Art Education Majors for graduation.

- ART 4990 - Senior Art Seminar and Exhibition[3]

Professional Education (P-12) Requirements (30 Credit Hours)

- ARED 3302 - Teaching, Learning and Development in Visual Arts
- ARED 3304 - Teaching Art History, Criticism and Aesthetics
- ARED 3308 - Special Populations in Art Education
- ARED 3306 - Materials, Methods and Management for Teaching Art (P-12)
- ARED 4410 - Intercultural Curriculum Model
- ARED 4425 - Teaching of Art: Practicum[4]
- ARED 4470 - Student Teaching[5]

Program Total (131 Credit Hours)

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1 Art education majors are required to apply for admission into the Teacher Education Program after taking EDUC 2110. Deadlines for Teacher Education Admissions are September 15, February 15, and April 15. Please refer to the TEAC Web site for further information and forms. Please see the Art Education Program Coordinator in the Department of Visual Arts for additional information.

2 The upper level studio courses are basic requirements. Art education students may elect to take additional course work in specific studio areas such as drawing, painting, photography, printmaking, ceramics, sculpture, and graphic communications. Additional studio work is highly recommended for students planning to do graduate study.

3 The senior seminar and exhibition must be arranged at least two semesters in advance. Contact the Art Gallery Office for specific details and for an application.

4Deadlines for ARED 4425 field experience: for Fall, the previous March 15; for Spring, the previous August 30.

5 Admission to Teacher Education must be completed and student must have a 2.75 GPA in order to take ARED 4470. Deadlines for ARED 4470 field experience: for Fall, the previous January 30; for Spring, the previous August 30.

Major in Art History, B.A.

Bachelor of Arts
College of the Arts
Department of Visual Arts
(770) 423-6139

The Bachelor of Arts in Art History provides a broad-based background in the history of art in its social, technical, and philosophical contexts. Art history courses foster critical thinking through the analysis of cultural objects and visual images, through discussion of visual culture in its historical context, and through research assignments. The required Research Methodologies course critically evaluates current methodologies for understanding and interpreting art.

The studio art requirements ensure that art history graduates possess an understanding of artistic practices and processes. The study of art history is interdisciplinary, and students will find that their studies in other fields such as history, philosophy, literature, psychology, and anthropology will support and inform work in the major. German and/or another applicable language are strongly recommended. Graduates may find employment in galleries, auction houses or museums, or pursue graduate work in art history or a related field. Art history is also a useful major for pre-law students and others preparing for professional schools.

General Education (42 Credit Hours)

(see listing of requirements)

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- ARH 2750 - Ancient through Medieval Art
- ARH 2850 - Renaissance through Modern Art
- ART 1100 - Two-Dimensional Design and Color Theory
- ART 1150 - Drawing I
- FL 1001 - Introduction to Foreign Language and Culture I
- FL 1002 - Introduction to Foreign Language and Culture II

Upper Division Major Requirements (27 Credit Hours)

Required:

- ARH 3990 - Research Methods in Art History

Select eight of the following, including at least one from each area:

Ancient-Medieval Art

- ARH 3200 - Art of the Ancient Americas
- ARH 3300 - Ancient Egyptian Art
- ARH 3350 - Art of Ancient Greece
- ARH 3370 - Roman Art and Architecture
- ARH 3398 - Internship *
- ARH 4400 - Directed Study *
- ARH 4490 - Special Topics in Art History *

Renaissance-Modern Art

- ARH 3398 - Internship *
- ARH 3500 - Italian Renaissance Art

- ARH 3600 - Baroque Art
- ARH 3700 - Nineteenth-Century Art
- ARH 3750 - History of American Art
- ARH 3850 - Art Since 1900
- ARH 4000 - Historical Studio Practices
- ARH 4400 - Directed Study *
- ARH 4490 - Special Topics in Art History *
- ARH 4500 - Women in Art
- ARH 4700 - Victorian Art and Culture
- ARH 4750 - American Landscape Painting
- ARH 4850 - History of Graphic Design
- ARH 4870 - History of Photography
- ARH 4900 - Contemporary Art

Non-Western Art

- ARH 3000 - Survey of Asian Art
- ARH 3100 - African Art
- ARH 3150 - Islamic Art
- ARH 3250 - Latin American Art
- ARH 3398 - Internship *
- ARH 4150 - African-American Art
- ARH 4400 - Directed Study *
- ARH 4490 - Special Topics in Art History *

Note:
*With topic appropriate to area and approval of advisor

Foreign Language Requirement (6 Credit Hours)

- FL 2001 - Intermediate Foreign Language and Culture I
- FL 2002 - Intermediate Foreign Language

Related Studies (15 Credit Hours)

Upper-division studies beyond the major requirements as approved by the academic advisor.

Free Electives (12 Credit Hours)

Any courses in the university curriculum

Program Total (123 Credit Hours)

Major in Dance, BA

Bachelor of Arts Degree
College of the Arts, Department of Theatre, Performance Studies, and Dance
(770) 499-3123

This liberal arts degree in dance is designed to provide students with a diverse and comprehensive curricular experience, preparing them for a variety of career options in dance and other related fields. Students audition to be accepted into the program and have the option of pursuing a concentrated study in modern, ballet or jazz dance forms. The core curriculum prepares students with a theoretical and practical experience of dance, while the 15-hour concentration allows students to develop technical proficiency in the area selected.

The 3-credit applied professionals skills requirement allows students to receive academic credit for professional internships and practical experience in the field. The senior seminar and senior project requirements ensure that graduates gain a creative and scholarly understanding of the art form, emphasizing a scholar-artist approach that is central to the Department's educational mission.

Audition Requirements

All students entering the program must demonstrate technical and artistic aptitude capable of successfully completing the program of study. The audition process will consist of a 30-minute ballet barre warm-up, followed by a short center-floor modern/ jazz combination, and a final across-the-floor ballet, modern or jazz combination. Students must bring appropriate footwear to the audition. Students are not required to prepare a solo combination for the audition. Following the audition class, students will meet individually with faculty to discuss goals and receive program information. Students will be notified about acceptance into the program within a week following the audition. To register for an audition, receive audition information or schedule a special audition (for students who are unable to attend the regularly scheduled audition due to unavoidable circumstances), please view the dance Website under the College of the Arts ***www.kennesaw.edu/theatre/dance*** or contact 770-423-6789.

Transfer Auditions

Students who wish to transfer to the Program in Dance at KSU from another institution or from another department follow the same audition procedures as new students. A special audition may be scheduled for students who wish to enter the program at a time when regular auditions are not scheduled.

Course Placement

At the time of acceptance into the program, students will be advised about course scheduling and technical level placement. The individual course instructor reserves the right to request a student to take a lower level technique course if the student is not technically at the level required for the course.

Applied Professional Sequence (Internship)

Students are encouraged to complete the above requirement only at the junior and/or senior academic levels. Every student will be assigned a faculty internship advisor, and will be required to obtain approval from the advisor prior to pursuing an internship or professional opportunities in the field. Students may substitute a DANC 4490 course for this requirement.

Musical Theatre

Students interested in musical theatre may pursue a concentration through the Bachelor of Arts in Theatre and Performance Studies degree. The program in Dance offers musical theatre dance courses that are part of this curriculum.

General Education (42 Credit Hours)

(See previous listing of requirements)

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- DANC 2000 - Dance History I
- FL 2002 - Intermediate Foreign Language
- DANC 2713 - Dance Production

  or
- DANC 4490 - Special Topics

Any two of the following:

- DANC 2100 - African Dance Technique
- DANC 2200 - Tap Dance Technique
- DANC 2300 - Ethnic Dance Forms
- DANC 2400 - Social Dance

Note:
Dance Production or Special Topics in Dance must be taken in combination for a total of 8 credits.

Upper Division Major Requirements (27 Credit Hours)

Upper Level Core Requirements (12 Credit Hours)

- DANC 4010 - Dance History II
- DANC 4100 - Dance Kinesiology
- DANC 4200 - Analysis and Criticism of Dance
- DANC 4300 - Dance Pedagogy

Plus one of the following concentrations: (15 Credit Hours)

Ballet Concentration

- DANC 4500 - Choreography
- DANC 3310 - Modern Dance II: Contemporary Dance Techniques
  or
- DANC 3210 - Jazz Dance: Styles II

Any four from the following for a total of 8 credit hours. Each class may be taken twice:

- DANC 3100 - Ballet I: Classical Dance Technique
- DANC 3110 - Ballet II: Classical Dance Technique
- DANC 3120 - Ballet III: Classical Dance Technique
- DANC 3130 - Ballet IV: Classical Dance Technique

Plus one of the following:

- DANC 3400 - Movement for Performers
- DANC 3500 - Pas de Deux/Pointe
- DANC 3600 - Dance Improvisation
- DANC 3700 - Body Conditioning and Somatics

Modern Concentration

- DANC 4500 - Choreography
- DANC 3210 - Jazz Dance: Styles II
  or
- DANC 3110 - Ballet II: Classical Dance Technique

Any four from the following for a total of 8 credit hours. Each class may be taken twice:

- DANC 3300 - Modern Dance I: Contemporary Dance Technique
- DANC 3310 - Modern Dance II: Contemporary Dance Techniques
- DANC 3320 - Modern Dance III: Contemporary Dance Technique
- DANC 3330 - Modern Dance IV: Contemporary Dance Technique

Plus one of the following:

- DANC 3400 - Movement for Performers
- DANC 3500 - Pas de Deux/Pointe
- DANC 3600 - Dance Improvisation
- DANC 3700 - Body Conditioning and Somatics

Jazz Concentration

- DANC 4500 - Choreography
- DANC 3001 - Musical Theater Dance: Styles II
  or
- DANC 3310 - Modern Dance II: Contemporary Dance Techniques

Any four from the following for a total of 8 credit hours. Each class may be taken twice:

- DANC 3200 - Jazz Dance: Styles I
- DANC 3210 - Jazz Dance: Styles II
- DANC 3220 - Jazz Dance: Styles III
- DANC 3230 - Jazz Dance: Style IV

Plus one of the following:

- DANC 3400 - Movement for Performers
- DANC 3500 - Pas de Deux/Pointe
- DANC 3600 - Dance Improvisation
- DANC 3700 - Body Conditioning and Somatics

Senior Seminar (3 Credit Hours)

- DANC 4800 - Senior Seminar

Senior Project (3 Credit Hours)

- DANC 4900 - Senior Project

Applied Profession Skills

- DANC 3398 - Internship
  or
- DANC 4400 - Directed Study

Related Studies (12 Credit Hours)

12 hours of upper-division studies beyond the major requirements as approved by the academic advisor. Lower-division courses may also be approved when appropriate.

Free Electives (12 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Degrees and Degree Requirements in Music

Bachelor of Music in Performance

The Bachelor of Music in Performance degree is offered with applied concentrations in piano, voice, flute, oboe, clarinet, bassoon, saxophone, trumpet, horn, trombone, euphonium, tuba, percussion, harp, classical and jazz guitar, violin, viola, cello, and double bass.

Bachelor of Arts in Music

The Bachelor of Arts in Music degree is offered with applied concentrations in piano, voice, flute, oboe, clarinet, bassoon, saxophone, trumpet, horn, trombone, euphonium, tuba, percussion, harp, classical and jazz guitar, violin, viola, cello, and double bass.

Bachelor of Music in Music Education

The Bachelor of Music in Music Education degree is offered with applied concentrations in piano, voice, flute, oboe, clarinet, bassoon, saxophone, trumpet, horn, trombone, euphonium, tuba, percussion, harp, classical and jazz guitar, violin, viola, cello, and double bass. The Bachelor of Music in Music Education degree is listed as Major in Music Education under Education/P-12 Programs.

Admission to the School of Music

Admission to all degree programs in the School of Music is contingent upon admission to Kennesaw State University, completion of a supplemental application and successful audition with the School of Music, and demonstration of successful academic performance. All prospective music majors and minors are required to audition for the faculty on their principal instrument or voice. If the student is not accepted based on their first audition, they may complete a second audition for admission in a later term. If, however, they are not accepted after the second audition, the student may not audition again. In order to be eligible for admission to the School of Music, prospective transfer students and current KSU students interested in becoming a music major or minor must have a minimum adjusted GPA of 2.0 to audition and apply for entrance into a music degree program.

Applied music study may not be initiated until the student has been fully accepted as a major or minor by the School of Music. All students enrolling at KSU for a second degree in music must meet the same departmental audition requirements required of all incoming students. Prior to admission to a music degree program, the prospective music major/minor is required to submit an application form to the College of the Arts and present an audition in the principal area of applied concentration. Applicants may also elect to audition on more than one instrument or an instrument and voice. Auditions, conducted by the music faculty, are held on the Kennesaw State University campus on specific dates.

Audition Dates and Requirements

Auditions are held on specific dates prior to the term a student begins study as a music student. A description of the audition process, including specific dates and requirements, is detailed in the Supplemental Application for the School of Music located on the School of Music website (***www.kennesaw.edu/music***). Questions regarding the audition process, audition dates, or requirements can be directed to the College of the Arts Office of Admissions and Student Services, 770.423.6614; COTA-Admissions@kennesaw.edu.

Transfer Admissions

Students who wish to transfer into the School of Music from another institution follow the same admissions procedure as all new students (see above). Transfer students are placed at an academic level in their principal area of applied concentration based upon the transferable amount

of study earned at other institutions and the performance level demonstrated at the audition. Transfer credit for all course work is evaluated as quickly as possible after a student has been admitted to KSU. Students who transfer completed baccalaureate applied performance credit to KSU will be required to take additional applied performance study and additional ensemble credit so as to parallel remaining semesters of their designated degree program of study at KSU.

The School of Music accepts students from other schools and colleges at Kennesaw State University on the same basis as new students and/or transfer students from other institutions. Interested and qualified students are encouraged to transfer into the program.

Change of Concentration
Students who wish to change their applied performance concentration must reaudition and be accepted for applied studio instruction in the new concentration.

Change of Degree Program
Students who wish to change degree programs in music must reaudition and gain admission status to the new degree program.

Placement
The School of Music holds the exclusive authority to determine appropriate admission level placement in the applied concentration, music theory, music history, piano proficiency, and continuity of study. Continuous study in the area of the applied concentration is a requisite. A lapse of two or more semesters of applied study will require an audition for readmittance to the School of Music.

General Requirements
A variety of School of Music regulations and policies affect music majors and minors. Included are requirements for recital participation, ensemble participation, recital and concert attendance, piano proficiency, departmental assessment procedures, and applied juries.
Enrollment in an applied area of concentration is required of all music majors as specified in the degree program. Further, music students must be enrolled in an appropriate large ensemble every semester in which the student is enrolled in applied music. Placement of students in all large ensembles is determined by the ensemble director.
To earn academic credit toward their degree Music students must earn a grade of "C" or higher in all music courses in their chosen course of study.

Major in Music, BA

Bachelor of Arts Degree
College of the Arts, School of Music
(770) 423-6151

This program of study offers a Bachelor of Arts degree in Music. Bachelor of Arts students must demonstrate competence in a foreign language through the level of FL 2002.
Students audition for placement into one of two concentrations within the Bachelor of Arts degree in Music (Theory/Composition or Musicology/Ethnomusicology).

General Education (42 Credit Hours)
see listing of requirements

Specific General Education requirements for this major

- MUSI 1107 - Arts in Society: Music (World Music section)

Graduation Requirement
Students will be required to pass with a satisfactory grade (S) six semesters of MUAP 1101: Audience Participation, to be eligible to graduate. They must be enrolled every semester in this course until the requirement is accomplished.

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)
- MUSI 1121 - Music Theory I
- MUSI 1111 - Aural Skills I
- MUSI 1122 - Music Theory II
- MUSI 1112 - Aural Skills II
- MUAP 1111 - Applied Lessons
- MUAP 1112 - Applied Lessons
- MUAP 2211 - Applied Lessons
- MUAP 2212 - Applied Lessons
- MUSI 1143 - Jazz Ensemble*
- MUSI 1144 - University Philharmonic Orchestra*
- MUSI 1145 - Concert Band*
- MUSI 1146 - Chamber Singers*
- MUSI 1147 - Wind Ensemble*
- MUSI 1148 - Symphony Orchestra*
- MUSI 1149 - Chorale*
- MUSI 1165 - Class Piano I**
- MUSI 1166 - Class Piano II**

*Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course four times (MUSI 1143-MUSI 1149). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.
**Pianists will substitute MUSI 2111 and MUSI 2112 (Aural Skills III and Aural Skills IV) for MUSI 1165 and MUSI 1166.

Upper Division Major Requirements (16 Credit Hours)
- MUSI 2111 - Aural Skills III*
- MUSI 2112 - Aural Skills IV*
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3320 - Form and Analysis

*Pianists in the Bachelor of Arts degree will count MUSI 2111: Aural Skills III and MUSI 2112: Aural Skills IV as Area F Credits. Pianists must take MUSI 3380: Mixed Chamber and MUSI 3333: Accompanying to fulfill those 2 credits.

Theory/Composition Concentration (20 Credit Hours)
- MUSI 3324 - Instrumentation/Arranging (2 credit hours)
- MUSI 4421 - 20th-Century Analysis (3 credit hours)
- Any combination of MUSI 3371, MUSI 3372, MUSI 4471, MUSI 4472, MUSI 4473, MUSI 4420 or MUSI 4422 (5-6 credit hours)
- Musicology/Ethnomusicology upper-elective class (3 credit hours)

- Other upper-level music electives (5-6 credit hours)
- MUSI 4495 - Senior Seminar in Music (1 credit hour)

Musicology/Ethnomusicology Concentration (20 Credit Hours)

- MUSI 4412 - Introduction to American Music (3 credit hours)
- MUSI 4423 - Current Directions in Musicology (3 credit hours)
- One upper-level Musicology/Ethnomusicology elective class (3 credit hours)
- Theory/Composition upper-level elective classes (2-3 credit hours)
- Other upper-level music electives (7-8 credit hours)
- MUSI 4495 - Senior Seminar in Music (1 credit hour)

Related (Non-Music) Studies for All Concentrations (12 Credit Hours)

Twelve hours of upper-division non-music studies beyond the major requirements as approved by the academic advisor. Lower-division courses may also be approved when appropriate.

Non-Music Electives (12 Credit Hours)

Any non-music course in the university catalog.

Notes:
Six (6) hours of Foreign Language may be used to satisfy Non-Music Electives.

Program Total (123 Credit Hours)

Major in Music Education, B.M.

Bachelor of Music in Music Education Degree Leading to Certification for Grades P-12
College of the Arts, School of Music
(770) 423-6151
http://www.kennesaw.edu/music/

This single field program is designed to prepare music teachers at all grade levels (pre-kindergarten through grade 12). It leads to P-12 teacher certification in the teaching field of music in Georgia. Candidates complete the equivalent of a major in music and a second major in pedagogical studies with an emphasis on teaching music. Students audition for placement into one of three music education concentrations (General Music, Choral, and Instrumental). The Music Education degree is offered with applied instruction in piano, voice, flute, oboe, clarinet, bassoon, saxophone, trumpet, horn, trombone, euphonium, tuba, percussion, guitar, violin, viola, cello, double bass, and harp.

School requirements for all music majors are extensive. See the Music Degree Requirements as listed under the College of the Arts section of this catalog for more detail about admission auditions and general requirements.

General Education (42 Credit Hours)

see listing of requirements

Specific General Education requirements for this major

- MUSI 1107 - Arts in Society: Music (World Music section)

Graduation Requirement

Students will be required to pass with a satisfactory grade (S) six semesters of MUAP 1101: Audience Participation, to be eligible to graduate. They must be enrolled every semester in this course until the requirement is accomplished.

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- MUAP 1111 - Applied Lessons
- MUAP 1112 - Applied Lessons
- MUSI 1111 - Aural Skills I
- MUSI 1112 - Aural Skills II
- MUSI 1121 - Music Theory I
- MUSI 1122 - Music Theory II
- MUAP 2211 - Applied Lessons
- MUAP 2212 - Applied Lessons
- MUSI 1143 - Jazz Ensemble*
  or
- MUSI 1144 - University Philharmonic Orchestra*
  or
- MUSI 1145 - Concert Band*
  or
- MUSI 1146 - Chamber Singers 1**
  or
- MUSI 1147 - Wind Ensemble*
  or
- MUSI 1148 - Symphony Orchestra*
  or
- MUSI 1149 - Chorale 1**
- MUSI 1165 - Class Piano I ***
- MUSI 1166 - Class Piano II ***

*Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course four times (MUSI 1143-MUSI 1149). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.
**All choral and general music education majors must take a minimum of four semesters in a large choral ensemble.
***Pianists will substitute MUSI 2111 and MUSI 2112 (Aural Skills III and Aural Skills IV) for MUSI 1165 and MUSI 1166.

Teaching Field Requirements (36 Credit Hours)

Students will be admitted into one of the following concentrations pending a successful School of Music audition.

General Music Concentration (for vocalists)

- MUAP 3311 - Applied Lessons
- MUAP 3312 - Applied Lessons
- MUAP 4411 - Applied Lessons*
- MUSI 2111 - Aural Skills III
- MUSI 2112 - Aural Skills IV
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3165 - Class Piano III
- MUSI 3166 - Class Piano IV

- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3334 - Italian and English Diction

- MUSI 3343 - Jazz Ensemble**
  or
- MUSI 3344 - University Philharmonic Orchestra**
  or
- MUSI 3345 - Concert Band**
  or
- MUSI 3346 - Chamber Singers**
  or
- MUSI 3347 - Wind Ensemble*
  or
- MUSI 3348 - Symphony Orchestra**
  or
- MUSI 3349 - Chorale**

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles***
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing
- MUED 3351 - String Techniques Class I
- MUED 3353 - Guitar Techniques Class
- MUED 3357 - Percussion Techniques Class
- MUED 3371 - Brass/Woodwind Techniques

*Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
**Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. General music education majors must take a minimum of four semesters in a large choral ensemble.
***Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

General Music Concentration (for pianists)

- MUAP 3311 - Applied Lessons (2 semesters: one each in piano and voice)
- MUAP 3312 - Applied Lessons (2 semesters: one each in piano and voice)
- MUAP 4411 - Applied Lessons (2 semesters: one each in piano with recital required and voice)*
- MUAP 4412 - Applied Lessons (1 semester: voice only)
- MUSI 2111 - Aural Skills III**
- MUSI 2112 - Aural Skills IV**
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV

- MUSI 3311 - History of Music*
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3333 - Accompanying
- MUSI 3334 - Italian and English Diction

- MUSI 3343 - Jazz Ensemble***
  or
- MUSI 3344 - University Philharmonic Orchestra***
  or
- MUSI 3345 - Concert Band***
  or
- MUSI 3346 - Chamber Singers***
  or
- MUSI 3347 - Wind Ensemble***
  or
- MUSI 3348 - Symphony Orchestra***
  or
- MUSI 3349 - Chorale***

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles****
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing
- MUED 3355 - Voice Techniques Class
- MUED 3357 - Percussion Techniques Class

- MUED 3353 - Guitar Techniques Class
  or
- MUED 3371 - Brass/Woodwind Techniques
  or
- MUED 3372 - Strings/Guitar Techniques

*Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
**Pianists in the General Music Concentration will count MUSI 2111: Aural Skills III and MUSI 2112: Aural Skills IV as Area F credits.
***Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. General music education majors must take a minimum of four semesters in a large choral ensemble.
****Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

General Music Concentration (for all other instruments)

- MUAP 3311 - Applied Lessons (2 semesters: one each of your primary instrument and voice)
- MUAP 3312 - Applied Lessons (2 semesters: one each of your primary instrument and voice)
- MUAP 4411 - Applied Lessons (2 semesters: one each of your primary instrument with recital and voice)*
- MUSI 2111 - Aural Skills III
- MUSI 2112 - Aural Skills IV
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3165 - Class Piano III
- MUSI 3166 - Class Piano IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3343 - Jazz Ensemble**
  or
- MUSI 3344 - University Philharmonic Orchestra**
  or
- MUSI 3345 - Concert Band**
  or
- MUSI 3346 - Chamber Singers**
  or
- MUSI 3347 - Wind Ensemble**
  or
- MUSI 3348 - Symphony Orchestra**
  or
- MUSI 3349 - Chorale**

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles***
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing
- MUED 3357 - Percussion Techniques Class

- MUED 3353 - Guitar Techniques Class
  or
- MUED 3371 - Brass/Woodwind Techniques
  or
- MUED 3372 - Strings/Guitar Techniques

* Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. General music education majors must take a minimum of four semesters in a large choral ensemble.

*** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Choral Concentration (for pianists)

- MUAP 3311 - Applied Lessons (2 semesters: one each of piano and voice)
- MUAP 3312 - Applied Lessons (2 semesters: one each of piano and voice)
- MUAP 4411 - Applied Lessons (2 semesters: one each of piano with recital required and voice)*
- MUAP 4412 - Applied Lessons (1 semester: voice only)
- MUSI 2111 - Aural Skills III**
- MUSI 2112 - Aural Skills IV**
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3333 - Accompanying
- MUSI 3334 - Italian and English Diction
- MUSI 3335 - German and French Diction

- MUSI 3343 - Jazz Ensemble***
  or
- MUSI 3344 - University Philharmonic Orchestra***
  or
- MUSI 3345 - Concert Band***
  or
- MUSI 3346 - Chamber Singers***
  or
- MUSI 3347 - Wind Ensemble***
  or
- MUSI 3348 - Symphony Orchestra***
  or
- MUSI 3349 - Chorale***

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles****
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing
- MUED 3357 - Percussion Techniques Class

- MUED 3353 - Guitar Techniques Class
  or
- MUED 3371 - Brass/Woodwind Techniques
  or
- MUED 3372 - Strings/Guitar Techniques

* Senior recital required. All music education majors must pass their senior recital permission

jury prior to student teaching.
** Pianists in the Choral Concentration will count MUSI 2111: Aural Skills III and MUSI 2112: Aural Skills IV as Area F credits.
*** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. Choral music education majors must take a minimum of four semesters in a large choral ensemble.
**** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Choral Concentration (for vocalists and all other instruments)

- MUAP 3311 - Applied Lessons
- MUAP 3312 - Applied Lessons
- MUAP 4411 - Applied Lessons*
- MUSI 2111 - Aural Skills III
- MUSI 2112 - Aural Skills IV
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3165 - Class Piano III
- MUSI 3166 - Class Piano IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3334 - Italian and English Diction
- MUSI 3335 - German and French Diction

- MUSI 3343 - Jazz Ensemble**
  or
- MUSI 3344 - University Philharmonic Orchestra**
  or
- MUSI 3345 - Concert Band**
  or
- MUSI 3346 - Chamber Singers**
  or
- MUSI 3347 - Wind Ensemble**
  or
- MUSI 3348 - Symphony Orchestra**
  or
- MUSI 3349 - Chorale**

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles***
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing
- MUED 3357 - Percussion Techniques Class
- MUED 3371 - Brass/Woodwind Techniques

- MUED 3353 - Guitar Techniques Class
  or
- MUED 3372 - Strings/Guitar Techniques

* Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. Choral music education majors must take a minimum of four semesters in a large choral ensemble.
*** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Orchestra Concentration

- MUAP 3311 - Applied Lessons
- MUAP 3312 - Applied Lessons
- MUAP 4411 - Applied Lessons*
- MUSI 2111 - Aural Skills III**
- MUSI 2112 - Aural Skills IV**
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3343 - Jazz Ensemble***
  or
- MUSI 3344 - University Philharmonic Orchestra***
  or
- MUSI 3345 - Concert Band***
  or
- MUSI 3346 - Chamber Singers***
  or
- MUSI 3347 - Wind Ensemble**
  or
- MUSI 3348 - Symphony Orchestra***
  or
- MUSI 3349 - Chorale***

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles****
- MUED 3351 - String Techniques Class I
  or
- MUED 3352 - String Techniques Class II

- MUED 3353 - Guitar Techniques Class
- MUED 3355 - Voice Techniques Class

- MUED 3357 - Percussion Techniques Class
- MUED 3361 - Brass Techniques Class I
- MUED 3362 - Brass Techniques Class II
- MUED 3365 - Woodwind Techniques Class I
- MUED 3366 - Woodwind Techniques Class II

* Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
** Pianists in the Orchestra Concentration will count MUSI 2111: Aural Skills III and MUSI 2112: Aural Skills IV as Area F credits. Pianists in the Orchestra Concentration must take two semesters of MUSI 3333: Accompanying.
*** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.
**** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Band Concentration

- MUAP 3311 - Applied Lessons
- MUAP 3312 - Applied Lessons
- MUAP 4411 - Applied Lessons*
- MUSI 2111 - Aural Skills III**
- MUSI 2112 - Aural Skills IV**
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3343 - Jazz Ensemble***
  or
- MUSI 3344 - University Philharmonic Orchestra***
  or
- MUSI 3345 - Concert Band***
  or
- MUSI 3346 - Chamber Singers***
  or
- MUSI 3347 - Wind Ensemble***
  or
- MUSI 3348 - Symphony Orchestra***
  or
- MUSI 3349 - Chorale***

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles****
- MUED 3351 - String Techniques Class I
  or

- MUED 3352 - String Techniques Class II
  or
- MUED 3372 - Strings/Guitar Techniques

- MUED 3355 - Voice Techniques Class
- MUED 3357 - Percussion Techniques Class
- MUED 3361 - Brass Techniques Class I
- MUED 3362 - Brass Techniques Class II
- MUED 3365 - Woodwind Techniques Class I
- MUED 3366 - Woodwind Techniques Class II
- MUED 3370 - Marching Band Techniques

* Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
** Pianists in the Band Concentration will count MUSI 2111: Aural Skills III and MUSI 2112: Aural Skills IV as Area F credits. Pianists in the Band Concentration must take two semesters of MUSI 3333: Accompanying.
*** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.
**** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Professional Education (P-12) Requirements (32 Credit Hours)

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning
- MUED 3308 - Music Education for Exceptional Students
- MUED 3301 - General Methods, Materials and Curriculum

- MUED 3302 - Choral Methods, Materials, and Curriculum
  or
- MUED 3303 - Instrumental Methods, Materials and Curriculum

- MUED 3305 - Learning and Assessment in Music
- MUED 4470 - Student Teaching/Seminar*

Program Total (131 Credit Hours)

Note:
*Student teaching is a full-time commitment; no other course work should be taken.

Major in Music Performance, B.M.

Bachelor of Music Degree
College of the Arts, School of Music
(770) 423-6151

This program of study offers a Bachelor of Music degree. Students audition for placement into one of three music performance concentrations (Piano, Voice, Instrumental).

General Education (42 Credit Hours)

see listing of requirements

Specific General Education requirements for this major

- MUSI 1107 - Arts in Society: Music (World Music section)

Graduation Requirement

Students will be required to pass with a satisfactory grade (S) six semesters of MUAP 1101: Audience Participation, to be eligible to graduate. They must be enrolled every semester in this course until the requirement is accomplished.

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- MUSI 1121 - Music Theory I
- MUSI 1111 - Aural Skills I
- MUSI 1122 - Music Theory II
- MUSI 1112 - Aural Skills II
- MUAP 1121 - Applied Lessons
- MUAP 1122 - Applied Lessons
- MUAP 2221 - Applied Lessons

- MUSI 1143 - Jazz Ensemble*
  or
- MUSI 1144 - University Philharmonic Orchestra*
  or
- MUSI 1145 - Concert Band*
  or
- MUSI 1146 - Chamber Singers*
  or
- MUSI 1147 - Wind Ensemble*
  or
- MUSI 1148 - Symphony Orchestra*
  or
- MUSI 1149 - Chorale*

* Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course four times (MUSI 1143-MUSI 1149). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.

Upper Division Major Requirements (60 Credit Hours)

Piano Concentration (48 credit hours)

- MUSI 2221 - Music Theory III
- MUSI 2111 - Aural Skills III
- MUSI 2222 - Music Theory IV
- MUSI 2112 - Aural Skills IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3320 - Form and Analysis
- MUSI 3324 - Instrumentation/Arranging
- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3333 - Accompanying (repeat 4 times)

- MUSI 3343 - Jazz Ensemble*
  or
- MUSI 3344 - University Philharmonic Orchestra*
  or
- MUSI 3345 - Concert Band*
  or
- MUSI 3346 - Chamber Singers*
  or
- MUSI 3347 - Wind Ensemble*
  or
- MUSI 3348 - Symphony Orchestra*
  or
- MUSI 3349 - Chorale*

- MUSI 3380 - Small Ensembles (repeat 2 times)
- MUSI 4413 - Piano Literature I
- MUSI 4414 - Piano Literature II
- MUSI 4430 - Piano Pedagogy I
- MUSI 4431 - Piano Pedagogy II
- MUAP 2222 - Applied Lessons
- MUAP 3321 - Applied Lessons
- MUAP 3322 - Applied Lessons**
- MUAP 4421 - Applied Lessons
- MUAP 4422 - Applied Lessons

* Placement of students in large ensembles is determined by the appropriate large ensembles directors. Students will repeat one large ensemble course four times. Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.
** Recital required.

Major Electives (12 credit hours)
Choose from any 3000-4000 level music courses.

Voice Concentration (48 credit hours)

- MUSI 1165 - Class Piano I
- MUSI 1166 - Class Piano II
- MUSI 2221 - Music Theory III
- MUSI 2111 - Aural Skills III

- MUSI 2222 - Music Theory IV
- MUSI 2112 - Aural Skills IV
- MUSI 3320 - Form and Analysis
- MUSI 3324 - Instrumentation/Arranging
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3315 - Vocal Literature
- MUSI 3331 - Choral Conducting
- MUSI 3334 - Italian and English Diction
- MUSI 3335 - German and French Diction

- MUSI 3346 - Chamber Singers*
  or
- MUSI 3349 - Choral*

- MUSI 3352 - Opera Theater (repeat 6 times)
- MUAP 2222 - Applied Lessons
- MUAP 3321 - Applied Lessons
- MUAP 3322 - Applied Lessons**
- MUAP 4421 - Applied Lessons
- MUAP 4422 - Applied Lessons
- MUSI 4433 - Voice Pedagogy

* Placement of students in large ensembles is determined by the appropriate large ensembles directors. Students will repeat one large ensemble course four times.
** Recital required.

Voice Concentration Foreign Language Requirement (6 credit hours)

- ITAL 1001 - Introduction to Italian Language and Culture I

- GRMN 1001 - Introduction to German Language and Culture I
  or
- FREN 1001 - Introduction to French Language and Culture I

Major Electives (6 credit hours)

Choose from any 3000-4000 level music courses.

Instrumental Concentration (44 credit hours)

- MUSI 1165 - Class Piano I
- MUSI 1166 - Class Piano II
- MUSI 2221 - Music Theory III
- MUSI 2111 - Aural Skills III
- MUSI 2222 - Music Theory IV
- MUSI 2112 - Aural Skills IV
- MUSI 3320 - Form and Analysis
- MUSI 3324 - Instrumentation/Arranging
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3332 - Instrumental Conducting

- MUSI 3343 - Jazz Ensemble*
  or
- MUSI 3344 - University Philharmonic Orchestra*
  or
- MUSI 3345 - Concert Band*
  or

- MUSI 3347 - Wind Ensemble*
  or
- MUSI 3348 - Symphony Orchestra*

- MUAP 2222 - Applied Lessons
- MUAP 3321 - Applied Lessons
- MUAP 3322 - Applied Lessons**
- MUAP 4421 - Applied Lessons
- MUAP 4422 - Applied Lessons**
- MUSI 3380 - Small Ensembles (repeat 5 times)***
- MUSI 4435 - (Name of Instrument) Pedagogy and Literature

* Placement of students in large ensembles is determined by the appropriate large ensembles directors. Students will repeat one large ensemble course four times. Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.
** Recital required.
*** Classical guitarists must take all five credits in Classical Guitar Ensemble. Jazz guitarists must take all five credits in Jazz Guitar Ensemble. Percussionists must take all five credits in Percussion Ensemble.

Major in Theatre and Performance Studies, B.A.

Bachelor of Arts Degree
College of the Arts, Department of Theatre, Performance Studies, and Dance
(770) 499-3123

The Bachelor in Arts in Theatre and Performance Studies majors take provides students with a strong liberal arts foundation that prepares them to pursue diverse careers, including those in the professional theatre, as well graduate studies in theatre and performance studies. The B.A. in Theatre and Performance Studies is accredited by NAST (National Association of Schools of Theatre).

The degree is comprised of 18 hours of lower-division courses, which introduces students to our program of study. At the 3000- and 4000-level, students take a core of classes including acting, visual imagination, performing literature, performing culture, play analysis, and history and theory. Additionally, students select a three-course concentration choosing from emphases in acting, performance studies (including storytelling, performance art, directing, adaptation of texts for the stage, and dramaturgy), design/technology, or musical theatre.

The major culminates in a senior seminar and six (6) hours of an applied/professional sequence. The applied/professional sequence, which is individually designed in cooperation with the student's advisor, may include combinations of internships, co-ops, directed studies, international study, practicum courses, and/or service learning components.

All theatre and performance studies majors must demonstrate competence in foreign languages up through the level of FL 2002.

Admission Requirements

High school GPA requirement of 2.5 or higher for entering first-year freshmen.
College GPA requirement of 3.0 or higher for entering transfers and currently-enrolled KSU students seeking a change in major.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- TPS 1500 - Introduction to Theatre Studies
- TPS 1600 - Introduction to Performance Studies
- TPS 1713 - Stagecraft
- TPS 2713 - Theatre Production*
- FL 2002 - Intermediate Foreign Language
- TPS 2203 - Acting I: Principles of Acting

Note:
*Theatre Production must be taken two times for two credits each.

Upper Division Major Requirements (27 Credit Hours)

Upper Level Core Requirements

- TPS 3000 - Performing Literature
- TPS 3403 - Play Analysis for Production
- TPS 3813 - Visual Imagination
- TPS 3600 - Performing Culture
- TPS 4513 - History and Theory I: Ancient through Renaissance Theatre and Performance
- TPS 4523 - History and Theory II: Neoclassical through Early Modern Theatre and Performance

Plus one of the following concentrations: (9 Credit Hours)

Acting Concentration*

(Any three of the following):

- TPS 3223 - Acting II: Intermediate Acting

Note:
*Dance 3400 - Movement for Performers, ENGL 3232 - Topics in Drama, and ENGL 4340 - Shakespeare are preapproved as nine hours of the related studies electives for TPS majors completing the Acting Concentration.

Plus two of the following:

- TPS 3200 - Voice and Articulation
- TPS 3213 - Acting for the Camera
- TPS 3243 - Acting III: Acting Styles
- TPS 4243 - Audition Practicum

Performance Studies Concentration*

(Any three of the following):

- TPS 3093 - Performing Folktales and Fairy Tales
- TPS 3094 - Performing Classical Myth
- TPS 3193 - Performing World Myth
- TPS 3194 - Performing Personal Narrative
- TPS 3400 - Performance Composition
- TPS 3493 - Performance Art

- TPS 3500 - Dramaturgy
- TPS 4313 - Principles of Directing
- TPS 4323 - Directing Styles
- TPS 4333 - Adapting and Staging Literary Texts

Note:
*COM 2129 - Public Speaking, DANC 3400 - Movement for Performers, and WRIT 3110 - Playwriting are preapproved as nine hours of the related studies electives for TPS majors completing the Performance Studies Concentration.

Design/Technology Concentration

- TPS 3823 - Design Skills
- TPS 3853 - Period Styles

Plus one of the following:

- TPS 4813 - Scene Design
- TPS 4823 - Lighting Design for the Stage
- TPS 4833 - Costume Design

Musical Theatre Concentration*

- TPS 3703 - Broadway to Hollywood: Musical Theatre on Stage and Film
- TPS 3713 - Acting in Musical Theatre
- DANC 3000 - Musical Theater Dance: Styles I
- MUSI 1111 - Aural Skills I

Note:
* MUSI 1121 Music Theory I, MUAP 3320 Performance - Secondary Applied, MUSI 3302 Vocal Literature: Musical Theatre, and MUSI 3349 Chorale are preapproved related studies electives for TPS majors completing the Musical Theatre Concentration.

Senior Seminar (3 Credit Hours)

TPS 4999 - Senior Seminar: Contemporary Theatre and Performance

Applied Professional Sequence (6 Credit Hours)

Six (6) hours from TPS 3398 Internship, TPS 3050 Applied Performance, TPS 4050 Advanced Applied Performance, TPS 4400 Directed Study, TPS 4000 Storytelling Practicum, TPS 4490 Special Topics in Theatre and Performance Studies, or SA 4490 Upper-Division Study Abroad/ Gaiety School of Acting.

Related Studies (12 Credit Hours)

12 hours of upper-division studies beyond the major requirements as approved by the academic advisor. Lower-division courses may also be approved when appropriate.

Free Electives (12 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Michael J. Coles College of Business

The Michael J. Coles College of Business offers programs which respond to the needs of our rapidly changing environment. Coles contributes to the economic development of metropolitan Atlanta and the region. The unique, innovative spirit of the Coles College of Business arises from an emphasis on building partnerships with the corporate world, other academic institutions, the community, government and nonprofit enterprises. Students benefit from these alliances, which enable the College to achieve its goals of continuous improvement and targeted program development.

The Coles College of Business enjoys national recognition in a number of areas. The Cox Family Business Center was cited by Family Business Review as "the nation's premier model of college-based educational programs for family businesses." Nation's Business listed the center as one of the top college-based, family-business programs in the nation. The College's Entrepreneurship Program was recognized by Business Week and Success as one of the outstanding entrepreneurship programs in the nation. In addition, the Coles College has been highlighted in many publications as one that moves quickly and aggressively to meet the needs of its customers—students, the corporate world and the community.

Coles College Accounting graduates have competitive CPA pass rates. The School of Accountancy is the first Georgia educational institution to achieve Partner Level status in the Institute of Internal Auditors' Internal Auditing Education Partnership. The BBA in Professional Sales has garnered national attention as it is one of only a few such programs in the United States. Coles College hosts the National Collegiate Sales Competition, which pits hundreds of the nation's top sales students in a test of live role-play, one-on-one sales call challenges in front of Fortune 500 recruiters. The Econometric Center is the business and economic research arm of the Coles College. Its monthly Business Conditions Survey parallels the National Association of Purchasing Managers Survey and aggregates data from purchasing professionals in metropolitan Atlanta and northwest Georgia. The Econometric Center also conducts a quarterly Consumer Confidence Index for metropolitan Atlanta in conjunction with the Greater Atlanta Home Builders Association.

Students are attracted to the Coles College of Business for its innovative programs, career services, and co-ops and internships, as well as the faculty's commitment to preparing students for professional success. Embracing evolving topics like the globalization of business, the management of technology, pro-

ductivity, quality and information systems, the Coles College is committed to developing programs relevant to the ever-changing needs of society.

Accreditations

In addition to KSU's accreditation by SACS, all degree programs in the Coles College of Business are nationally accredited by AACSB International—The Association to Advance Collegiate Schools of Business. The Coles College of Business was the first business school in Georgia to earn this recognition under the AACSB's new mission-driven, continuous-improvement criteria.

Vision Statement - Michael J. Coles College of Business

The Coles College of Business aspires to be the preferred provider of flexible business education and relevant research and practice valued by the marketplace.

Mission Statement - Michael J. Coles College of Business

The Coles College of Business provides high quality, applied business education and supports knowledge creation in a collegial, learning-centered environment. We strive to develop our students into highly effective and ethical business leaders who can make a difference in a competitive world.

Undergraduate Advising Center

Advising for all business majors is coordinated by the Office for Undergraduate Business Programs through the Business Undergraduate Advising Center. The Center is located on the fourth floor of the Burruss Building. The Mission of the Undergraduate Advising Center is to help students understand what is required to earn a B.B.A. (Bachelor of Business Administration degree) at Kennesaw State University. The Advising Center uses an Advising Team rather than assigning individual advisors. The Team approach provides better information in a more efficient manner. The Advising Team is made up of both staff advisors and faculty advisors who are committed to helping students succeed. Students can expect the Advising Team to provide information on the following topics:

- The Coles College Sophomore GPA Requirement and requirements for admission to the Coles College Professional Program.
- Required Business Core courses for all business majors.
- Required and Elective courses within your Major.
- Options for your Business Electives, including co-ops, internships, and minors.
- Options for your Non-business Electives.
- How to sequence the courses in the B.B.A. program.
- General KSU policies, such as the number of course withdrawals allowed, residency requirements, and graduation requirements.
- Where to go for KSU procedures, such as petitioning to graduate.

Coles College Career Services Lab

The Coles College Career Services Lab is located in the heart of the Coles College of Business, on the first floor of the Burruss Building. It provides hands-on career management tools and resources. Coles career services are provided to you as part of our commitment to helping you achieve your personal and professional goals.

Tutoring Services

The Coles College provides free one-on-one and group tutoring services for most of the required Business Core courses, including Accounting, Economics, Statistics, and Finance.

Student Clubs and Organizations

For further enhancement of student life on campus, a variety of clubs and organizations are available. Students can enrich their college experience by seeking clubs or organizations based on community service, academic achievement, fraternity, sorority, sports, politics, religion, etc. Examples of business organizations are:

- Beta Alpha Psi
- Beta Gamma Sigma
- Delta Sigma Pi
- International Business Student Association
- Kennesaw Marketing Association
- National Association of Black Accountants
- Omicron Delta Epsilon

- SHRM - Society for Human Resources Management
- SIFE - Students in Free Enterprise
- SMIF - Student Managed Investment Fund

Academic Departments

The Coles College of Business houses five academic departments:

- The School of Accountancy
- The Department of Economics, Finance & Quantitative Analysis
- The Department of Information Systems
- The Department of Management & Entrepreneurship
- The Department of Marketing & Professional Sales

School of Accountancy
(770) 423-6084

The School of Accountancy offers an
The School of Accountancy offers an Accounting major that prepares students for careers in the field of Accounting. Graduate programs are also offered (described in the KSU Graduate Catalog). The State of Georgia requires everyone who wishes to be licensed as a CPA to have five years of education (150 semester hours), including a baccalaureate degree. 123 hours are required to earn the bachelors degree; hence 27 additional hours are needed. While these can be undergraduate hours, the faculty recommends that prospective CPAs earn a specialized Masters degree in Accounting to satisfy the five-year requirement. The primary objective of Accounting is to provide useful information for economic decisions. It involves measurement, communication and analysis of financial data.

Accounting provides the system for collecting and interpreting the information and reporting it to those who need it, whether inside or outside of the organization.

Upon graduation, Accounting majors have a wide range of job opportunities. Many go into public practice (CPA firms), which involves independent auditing, accounting, consulting and tax services provided to clients. This is the traditional path for becoming a Certified Public Accountant. Others choose private accounting, becoming financial, tax, systems or managerial accountants or internal auditors in business and industry. Still others enter the specialized fields of not-for-profit or governmental accounting. Accounting also serves as a solid background for graduate work in any business area or law. Many find rewarding lifetime careers in Accounting; others use it as a stepping-stone to high-level management positions. All business majors at Kennesaw State University take two accounting courses, which provide the basic understanding of accounting necessary to support any business program of study. Success in business requires an understanding of accounting. Non-business majors also benefit from taking introductory accounting courses because they learn basic concepts useful in running a business, investing and so forth. The Coles College business law faculty are also housed in the School of Accountancy. All business majors must take one business law class. Elective courses are offered in areas such as consumer law, real estate law, and negotiation.

Economics, Finance and Quantitative Analysis
(770) 423-6091

The Department of Economics, Finance & Quantitative Analysis offers curricula designed to prepare students for careers in the fields of economics and finance. Economics is the study of how households and businesses decide what to produce, how to produce it and how to distribute it. It examines how individual households and firms within the economy operate. The emphasis in Economics is on using analytical methods to determine the most efficient means to reach various goals.

Economics graduates have been successful in securing positions in management, sales, financial research, economic planning, and personnel with employers in industry, trade, banking and government. They are also prepared for graduate study in economics, law and business. Within the Economics Major there is a broad range of intellectual challenges. Branches of Economics overlap such diverse areas as politics, mathematics, finance, sociology, history, international business, management and psychology.

Finance has evolved into an analytical discipline dealing with the acquisition and disbursement of funds. The field of Finance shares common borders with at least three other disciplines. Imports include financial analysis from Accounting, risk quantification and valuation theory from Economics and financing techniques and market savvy from Investments.

Many financial executives rise to the top of the organizational chart. Those with an aptitude for finance include bankers, stockbrokers, financial analysts, portfolio managers, financial consultants, investment bankers and personal financial planners.

Information Systems (770) 423-6005

The Department of Information Systems offers three degree programs: (1) a Master's of Science in Information Systems—a 36-hour applied program which prepares graduates to excel as IT leaders in the global economy; (2) a Bachelor of Business Administration Major in Information Security and Assurance; and (3) a Bachelor of Business Administration Major in Information Systems. Both baccalaureate degree programs lead to careers in the field of information technology.

The department also offers a Certificate in Information Security and Assurance. The Certificate is an option to add a credential to an undergraduate degree in information systems, criminal justice, or business. The Certificate in information security assurance prepares students to protect the information and technology assets of organizations. The department offers courses in a variety of formats to meet the needs of traditional and non-traditional students. Courses are offered in the traditional, face-to-face format, as well as online or in the hybrid format (part in-class and part online). The department also has an active co-op/internship program that allows students to gain valuable experience in the IT field.

Management and Entrepreneurship (770) 423-6552

The Department of Management & Entrepreneurship curriculum is designed to prepare students for leadership roles in the field of management. Management is the process of planning, organizing, staffing, directing and controlling activities in an organization that will result in the achievement of a common goal. Managers make decisions and direct resources so that organizational goals and objectives are achieved.

Within the Management major, students may choose a general program of study or choose to specialize in a particular area of management such as: Human Resource Management, Entrepreneurship, or Operations and Supply Chain Management.

Marketing and Professional Sales (770) 423-6060

The Department of Marketing and Professional Sales curriculum is designed to prepare students for a career in the dynamic and exciting field of marketing and sales. Marketing is concerned with the development, delivery, promotion and exchange of a company's goods and services. As a result, marketing is the pivotal function within the firm that generates income for the business and delivers a standard of living.

The term "marketing" in a broad sense includes individuals' or organizations' activities which encourage and facilitate exchanges of values. This includes many non-promotional activities such as research, physical distribution and pricing as applied to goods and services, in both profit and nonprofit contexts. Career opportunities include such diverse areas as retail store management, industrial selling, marketing research, advertising and others. In addition to a general marketing program, the department has designed three specialized tracks or areas of concentration which focus on Professional Selling, Promotional Communication and Retail Management.

The Professional Sales degree program can lead to a personally satisfying and financially rewarding career in sales, sales management and marketing. Professional Sales is the most common entry-level position in many companies for college students. Further, there are more job openings in professional sales than in any other marketing area. Thus, the Professional Sales degree program provides an avenue of entry into corporations and positions in other marketing functions.

The focus of the Professional Sales Program is on business-to-business or organizational marketing. In addition, the program addresses relationship selling, establishing long term mutually satisfying business relationships. The foundation for this is providing creative and cost effective solutions to the customer's important problems.

Minors

- Accounting
- Business Law
- Economics
- Finance
- Information Systems
- Information Security and Assurance
- Management
- Marketing
- Operations and Purchasing
- Professional Sales

Programs of Study

The Coles College of Business offers the following undergraduate degrees:

- Bachelor of Business Administration in Accounting
- Bachelor of Business Administration in Economics
- Bachelor of Business Administration in Finance
- Bachelor of Business Administration in International Business
- Bachelor of Business Administration in Management
- Bachelor of Business Administration in Marketing
- Bachelor of Business Administration in Professional Sales

These programs include foundation courses in the humanities, natural and behavioral sciences, and mathematics before advanced courses in business and the major field are undertaken. The Coles College offers upper division courses in the business disciplines of Accounting, Economics, Finance, Management and Marketing, in addition to specialized courses in the areas of business law, business information systems, entrepreneurship and family business, international business, operations management, quality, real estate, sales and strategy.

Requirements for BBA Degree

All business majors should take the following courses as part of their KSU General Education requirements:

MATH 1111	College Algebra (or MATH 1113 - Precalculus)
MATH 1106	Elementary Applied Calculus (or MATH 1190- Analytic Geometry and Calculus I)
ECON 2100	Principles of Microeconomics

All business majors must take a calculus course, which is part of the Coles College Sophomore GPA Requirement and also a prerequisite to several business courses. Most students will take the MATH 1111 and MATH 1106 sequence. Students with stronger math aptitudes or backgrounds, or students considering graduate school, should take MATH 1113 and MATH 1190. All students must take ECON 2300 (Business Statistics) and not MATH 1107.

International Business majors should take FL 1002 (in Chinese, French, German, Italian, or Spanish) and Geography as part of their General Education requirements.

Sophomore GPA Requirement

Before a business major can be admitted to the Coles Professional Program and enroll in any upper-division business courses (3000-4000), she or he must meet the Coles Sophomore GPA Requirement. This involves earning an Adjusted GPA of 3.00 or greater for the following eight courses:

MATH 1106	Elementary Calculus with Applications (or MATH 1190-Analytic Geometry and Calculus I)
ACCT 2100	Introduction to Financial Accounting
ACCT 2200	Introduction to Managerial Accounting

ECON 2100	Principles of Micro-economics
ECON 2200	Principles of Macro-economics
ECON 2300	Business Statistics
IS 2200	Business Information Systems & Communications
BLAW 2200	Legal and Ethical Environment of Business

Regardless of whether the courses are taken at Kennesaw State University or at another acceptable accredited institution, the grades earned will be used to check this GPA requirement. If any of these courses are transferred in and are not awarded three credit hours by KSU, that difference in hours will affect the GPA calculation. A course may be repeated if necessary. However, KSU has limits on the number of course withdrawals a student may have and on the number of times a student may repeat the same course.

Admission to the Coles Professional Program

Admission to the Coles College Professional Program is separate from admission to Kennesaw State University. The Sophomore GPA Requirement must be met prior to application for admission. Application forms and details about admission requirements may be obtained from the Business Undergraduate Advising Center. Business majors must apply for and be accepted for admission into the Coles College of Business Professional Program in order to take upper-division business courses and to graduate with a B.B.A. degree. A non-refundable application fee is required.
The BBA degree will not be awarded to anyone who has not met the Sophomore GPA Requirement and been admitted to the Coles Professional Program.

Other KSU Requirements

In order to receive a degree from Kennesaw State University, a student must meet KSU's residency, grade, and graduation requirements. Some of those requirements are summarized here. Students are encouraged to check other sections of the KSU Undergraduate Catalog for a complete listing of KSU requirements.

Students must earn a minimum of 45 hours of credit in upper-division business courses. At least 33 hours of business courses must be taken in residence at KSU. At least 12 hours of the Major Field Requirements and Major Field Electives must be taken at KSU. At least 20 of the last 30 semester hours preceding graduation must be taken at KSU.

Certain B.B.A. courses must be taken at Coles, and there are restrictions on the business courses that may be taken via education abroad options. Credit for courses taken at other colleges and universities will not be given if:

1. the institution does not have acceptable accreditation,
2. the courses were not taken at the same or higher level than comparable courses offered at Kennesaw State University, or
3. the courses are too old.

Students must earn a grade of "C" or better in all business courses counted toward their degree. In addition, International Business Majors must earn a grade of "C" or better in all courses used to satisfy their foreign language and international study experience requirements.

Students must always meet current course prerequisites, regardless of when they first started at KSU. Check the most recent KSU Undergraduate Catalog for current course prerequisites.

Timeliness of Degree Completion

Business majors must successfully complete the B.B.A. degree requirements within no more than six (6) calendar years after first being admitted to the Coles College Professional Program. If a student does not complete the degree within six calendar years, courses will have to be repeated.

Major in Accounting, BBA

Coles College of Business, School of Accountancy
(770) 423-6084

The faculty of the School of Accountancy strives to be a team of creative, highly qualified professionals dedicated to preparing students for entry-level opportunities and long-term career success. The faculty also makes meaningful contributions to the professional and academic accounting communities.

Accounting provides the tools to measure, interpret and communicate economic information for decision-making. A basic understanding of financial and managerial accounting information is necessary for all business majors. Accounting majors develop their knowledge of accounting within the framework of accounting information systems. The development of a student's technical, communication, computer, critical-thinking, problem-solving, teamwork, and leadership skills are critical consequences of the program.

Upon graduation, Accounting majors have a wide range of job opportunities. Many go into public practice (CPA firms), which involves independent auditing, accounting, consulting and tax services provided to clients. This is the traditional path for becoming a Certified Public Accountant. Others choose private accounting, becoming financial, tax, systems or managerial accountants or internal auditors in business and industry. Still others enter the specialized fields of not-for-profit or governmental accounting. Accounting also serves as a solid background for graduate work in any business area or law. Many find rewarding lifetime careers in Accounting; others use it as a stepping-stone to high-level management positions. The State of Georgia requires everyone who wishes to be licensed as a CPA to have five years of education (150 semester hours), including a baccalaureate degree. 123 hours are required to earn the bachelors degree; hence 27 additional hours are needed. While these can be undergraduate hours, the faculty recommend that prospective CPAs earn a specialized Masters degree in Accounting to satisfy the five year requirement.

All business majors must meet the Coles College Sophomore GPA Requirement and be admitted to the Coles College Professional Program. In addition, all business majors must earn a grade of "C" or better in all business courses counted toward their degree.

General Education (42 Credit Hours)
(see listing of requirements)

In the General Education requirements, all business majors must take:

- MATH 1111 - College Algebra
  or
- MATH 1113 - Precalculus

- MATH 1106 - Elementary Applied Calculus
  or
- MATH 1190 - Calculus I

- ECON 2100 - Principles of Microeconomics

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Business Core (AREA F) (18 Credit Hours)

- ACCT 2100 - Introduction to Financial Accounting
- ACCT 2200 - Introduction to Managerial Accounting
- ECON 2100 - Principles of Microeconomics (hours counted in General Education)
- ECON 2200 - Principles of Macroeconomics
- ECON 2300 - Business Statistics
- IS 2200 - Information Systems and Communication
- BLAW 2200 - Legal and Ethical Environment of Business

Upper Division Major Requirements (45 Credit Hours)

Upper Division Business Core (18 Credit Hours)

- ECON 3300 - Applied Statistical and Optimization Models
- FIN 3100 - Principles of Finance
- MKTG 3100 - Principles of Marketing
- MGT 3100 - Management and Behavioral Sciences
- MGT 3200 - Operations Management
- MGT 4199 - Strategic Management

Information Technology Requirement (3 Credit Hours)

- IS 3100 - Information Systems Management

Major Field Requirements (18 Credit Hours)

- ACCT 3100 - Intermediate Financial Accounting I
- ACCT 3200 - Concepts in Federal Taxation
- ACCT 3300 - Accounting Information Systems
- ACCT 4050 - Intermediate Financial Accounting II
- ACCT 4150 - Auditing and Assurance
- ACCT 4300 - International Accounting

Major Field Electives (6 Credit Hours)*

Select 6 credit hours from the following:

- ACCT 4100 - Advanced Financial Accounting
- ACCT 4152 - Internal Auditing
- ACCT 4200 - Advanced Managerial Accounting
- ACCT 4250 - Advanced Taxation
- ACCT 4350 - Accounting Systems Audit and Control
- ACCT 4600 - Governmental and Not-for Profit Accounting
- ACCT 4700 - Valuation of Closely Held Businesses
- ACCT 4400 - Directed Study
- ACCT 4490 - Special Topics in Accounting

Business Electives (9 Credit Hours)

Nine hours of credit from upper-division (3000/4000) course offerings outside the major, but inside the Coles College of Business. ACCT courses cannot be used here. (A maximum of nine hours of credit in Accounting Co-Ops and Internships may be used in this area. Co-Ops and Internships cannot be used in any other area.)

Non-Business Electives (6 Credit Hours)

Six hours of credit from any lower-division (1000/2000) or upper-division (3000/4000) non-business courses offered at Kennesaw State.

Program Total (123 Credit Hours)

Major in Economics, BBA

Coles College of Business, Department of Economics, Finance & Quantitative Analysis
(770) 423-6091

Economics is the study of business firms; the functioning of regional, national, and global markets; and the development of analytical techniques that aid in decision making and understanding market behavior. The primary focus is on problem definition, model development, data gathering and analysis, model solution, and report generation in the areas of consumer behavior, business behavior, price determination, resource allocation, production and distribution of goods and services, and policies that affect output, employment, income, trade, growth, and inflation. There is a broad range of intellectual challenges within the economics major. Branches of Economics overlap such diverse areas as politics, finance, history, international business, management, marketing, business operations, and psychology.

The program of study in economics prepares students for careers in management, marketing, business research, economic planning, and human resources with employers in industry, trade, banking, and government. Students are also well prepared for graduate study in economics, law, and business.

All business majors must meet the Coles College Sophomore GPA Requirement and be admitted to the Coles College Professional Program. In addition, all business majors must earn a grade of "C" or better in all business courses counted toward their degree.

General Education (42 Credit Hours)

see listing of requirements

In the General Education Requirements, all business majors must take:

- MATH 1111 - College Algebra
  or
- MATH 1113 - Precalculus

- MATH 1106 - Elementary Applied Calculus
  or
- MATH 1190 - Calculus I

- ECON 2100 - Principles of Microeconomics

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Business Core (Area F) (18 Credit Hours)

- ACCT 2100 - Introduction to Financial Accounting
- ACCT 2200 - Introduction to Managerial Accounting
- ECON 2100 - Principles of Microeconomics (hours counted in General Education)
- ECON 2200 - Principles of Macroeconomics
- ECON 2300 - Business Statistics
- IS 2200 - Information Systems and Communication
- BLAW 2200 - Legal and Ethical Environment of Business

Upper Division Major Requirements (42 Credit Hours)

Upper Division Business Core (18 Credit Hours)

- ECON 3300 - Applied Statistical and Optimization Models
- FIN 3100 - Principles of Finance
- MKTG 3100 - Principles of Marketing
- MGT 3100 - Management and Behavioral Sciences
- MGT 3200 - Operations Management
- MGT 4199 - Strategic Management

Information Technology Requirement (3 Credit Hours)

- IS 3100 - Information Systems Management

Major Field Requirement (3 Credit Hours)

Select one of the following:

- ECON 4310 - Economic Development in Global Perspective
- ECON 4410 - International Trade and Finance
- FIN 4420 - International Financial Management

Major Field Electives (18 Credit Hours)

Select 18 credit hours from the following:

- ECON 4210 - Money and Financial Markets
- ECON 4310 - Economic Development in Global Perspective
- ECON 4410 - International Trade and Finance
- ECON 4510 - Microeconomics
- ECON 4530 - Public and Urban Economics
- ECON 4550 - The Economics of Strategy
- ECON 4610 - Macroeconomics
- ECON 4400 - Directed Study
- ECON 4490 - Special Topics in Economics and Quantitative Analysis

Up to 6 of the 18 hours in Major Field Electives may be selected from the following:

- ECON 4710 - Econometrics and Forecasting
- ECON 4750 - Multivariate Data Analysis
- ECON 4810 - Quantitative Decision Models
- ECON 4850 - Decision Analysis and Simulation
- FIN 4220 - Corporate Finance
- FIN 4260 - Short Term Financial Management
- FIN 4320 - Fixed Income Securities
- FIN 4360 - Investments
- FIN 4420 - International Financial Management
- FIN 4520 - Financial Derivatives and Financial Engineering
- FIN 4620 - Financial Management of Financial Institutions
- FIN 4490 - Special Topics in Finance

Business Electives (12 Credit Hours)

Twelve hours of credit from upper-division (3000/4000) course offerings outside the Major, but inside the Coles College of Business. ECON courses cannot be used here. (A maximum of nine hours of credit in Economics Co-Ops and Internships may be used in this area. Co-Ops and Internships cannot be used in any other area.)

Non-Business Electives (6 Credit Hours)

Six hours of credit from any lower-division (1000/2000) or upper-division (3000/4000) non-business courses offered at Kennesaw State.

Program Total (123 Credit Hours)

Major in Finance, BBA

Coles College of Business, Department of Economics, Finance & Quantitative Analysis
(770) 423-6091

There is a broad range of intellectual challenges within the field of finance which integrates and applies principles and concepts drawn from accounting, economics, business operations, and quantitative analysis in a global business environment. Finance is an analytical discipline dealing with the acquisition and distribution of funds, financial statement analysis, security analysis, risk assessment, valuation of assets and liabilities, functioning of financial markets, and management of investments, acquisitions, funds, assets, liabilities, risk, businesses, and financial institutions.

The program in finance prepares students for careers as bankers, financial managers, stock-brokers, financial analysts, portfolio managers, financial consultants, investment bankers, and financial planners. Students are also well prepared for graduate study in law and business. All business majors must meet the Coles College Sophomore GPA Requirement and must be admitted to the Coles College Professional Program. In addition, all business majors must earn a grade of "C" or better in all business courses counted toward their degree.

General Education (42 Credit Hours)

see listing of requirements

In the General Education requirements, all business majors must take:

- MATH 1111 - College Algebra
  or
- MATH 1113 - Precalculus

- MATH 1106 - Elementary Applied Calculus
  or
- MATH 1190 - Calculus I

- ECON 2100 - Principles of Microeconomics

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Business Core (AREA F) (18 Credit Hours)

- ACCT 2100 - Introduction to Financial Accounting
- ACCT 2200 - Introduction to Managerial Accounting
- ECON 2100 - Principles of Microeconomics (hours counted in General Education)
- ECON 2200 - Principles of Macroeconomics
- ECON 2300 - Business Statistics
- IS 2200 - Information Systems and Communication
- BLAW 2200 - Legal and Ethical Environment of Business

Upper Division Major Requirements (45 Credit Hours)

Upper Division Business Core (18 Credit Hours)

- ECON 3300 - Applied Statistical and Optimization Models
- FIN 3100 - Principles of Finance

- MKTG 3100 - Principles of Marketing
- MGT 3100 - Management and Behavioral Sciences
- MGT 3200 - Operations Management
- MGT 4199 - Strategic Management

Information Technology Requirement (3 Credit Hours)

- IS 3100 - Information Systems Management

Major Field Requirements (9 Credit Hours)

- FIN 4220 - Corporate Finance
- FIN 4360 - Investments

Select one of the following:

- FIN 4420 - International Financial Management
- ECON 4310 - Economic Development in Global Perspective
- ECON 4410 - International Trade and Finance

Major Field Electives (15 Credit Hours)

Select 12 credit hours from the following:

- FIN 4260 - Short Term Financial Management
- FIN 4320 - Fixed Income Securities
- FIN 4520 - Financial Derivatives and Financial Engineering
- FIN 4560 - Behavioral Finance
- FIN 4620 - Financial Management of Financial Institutions
- FIN 4400 - Directed Study
- FIN 4490 - Special Topics in Finance
- INS 4500 - Principles of Risk Management and Insurance
- RE 4500 - Real Estate Finance

Select one (3 credit hours) of the following:

- ECON 4210 - Money and Financial Markets
- ECON 4510 - Microeconomics
- ECON 4550 - The Economics of Strategy
- ECON 4610 - Macroeconomics
- ECON 4710 - Econometrics and Forecasting
- ECON 4750 - Multivariate Data Analysis
- ECON 4810 - Quantitative Decision Models
- ECON 4850 - Decision Analysis and Simulation

Business Electives (9 Credit Hours)

Nine hours of credit from upper-division (3000-4000 level) course offerings outside the major, but inside the Coles College of Business. FIN courses cannot be used here. (A maximum of nine hours of credit in Finance Co-Ops and Internships may be used in this area. Co-Ops and Internships cannot be used in any other area.)

Non-Business Electives (6 Credit Hours)

Six hours of credit from any lower-division (1000/2000) or upper-division (3000/4000) non-business courses offered at Kennesaw State.

Program Total (123 Credit Hours)

Major in Information Systems, BBA

Coles College of Business,
Department of Computer Science and Information Systems
(770) 423-6005

The BBA degree in information systems (IS) provides a sound foundation in information technology (IT) principles and practice. The emphasis is on applications of information technology rather than the computer itself. Students earning a BBA in information systems understand web and application development in the context of the business environment. Graduates have capabilities in systems analysis and design, database management, and IT project management. Students also have the opportunity to consider information systems strategy in the global environment and bring everything together into an IS capstone course. The program of study includes general business courses and business topics are integrated into many IS courses. The BBA in IS provides students with flexible elective options. Elective courses focus on cutting-edge IT topics such as web development and business intelligence.

Students completing the BBA in IS may choose to pursue graduate studies in IT, business, and related fields, or they may choose to begin careers in industry, government, or other agencies. Graduates of the IS program are prepared for a variety of careers in IS and IT, especially in the design, implementation, and management of IT projects. Example job titles include application developer, application support, business analyst, business intelligence manager, client services analyst, database administrator, database analyst, information resource manager, IT consultant, programmer/analyst, project manager, quality assurance analyst, systems analyst, user support analyst, web developer, web page designer, and webmaster.

All business majors must meet the Coles College Sophomore GPA Requirement and be admitted to the Coles College Professional Program. In addition, all business majors must earn a grade of "C" or better in all business courses counted toward their degree.

General Education (42 Credit Hours)

see listing of requirements

In General Education requirements, all business majors must take:

- MATH 1111 - College Algebra
  or
- MATH 1113 - Precalculus

- MATH 1106 - Elementary Applied Calculus
- MATH 1190 - Calculus I
- ECON 2100 - Principles of Microeconomics

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- ACCT 2100 - Introduction to Financial Accounting
- ACCT 2200 - Introduction to Managerial Accounting
- BLAW 2200 - Legal and Ethical Environment of Business
- ECON 2100 - Principles of Microeconomics (hours counted in General Education)

- ECON 2200 - Principles of Macroeconomics
- ECON 2300 - Business Statistics
- IS 2200 - Information Systems and Communication

Upper Division Major Requirements (48 Credit Hours)

Upper Division Business Core (18 Credit Hours)

- ECON 3300 - Applied Statistical and Optimization Models
- FIN 3100 - Principles of Finance
- MGT 3100 - Management and Behavioral Sciences
- MGT 3200 - Operations Management
- MGT 4199 - Strategic Management
- MKTG 3100 - Principles of Marketing

Information Technology Requirement (3 Credit Hours)

IS 3100 - Information Systems Management

Major Field Requirement (21 Credit Hours)

- IS 3020 - Application Development I
- IS 3060 - Systems Analysis and Design
- IS 3220 - Project Management
- IS 3260 - Web Development I
- IS 3280 - Data Management
- IS 4860 - Global Information Systems Strategy
- IS 4880 - IS Capstone Course

Major Field Electives (6 Credit Hours)

- IS 3560 - Business Process Management
- IS 3720 - Advanced IT Project Management
- IS 3740 - Human Computer Interaction
- IS 3780 - Local Area Network
- IS 3920 - Application Development II
- IS 4400 - Directed Study
- IS 4490 - Special Topics
- IS 4560 - e-Business Systems

Business Electives (6 Credit Hours)

Six hours of credit from upper-division (3000-4000 level) course offerings outside the major, but inside the Coles College of Business. IS courses cannot be used here. (A maximum of six hours of credit in Information Systems Co-Ops and Internships may be used in this area. Co-Ops and Internships cannot be used in any other area.) IS Students are encouraged to take ISA courses in this area.

Non-Business Electives (6 Credit Hours)

Six hours of credit from any lower-division (1000-2000 level) or upper-division (3000-4000 level) non-business courses offered at Kennesaw State.

Program Total (123 Credit Hours)

Major in Information Security and Assurance, BBA

Coles College of Business, Department of Information Systems (770) 423-6005

The purpose of the Bachelor of Business Administration in Information Security and Assurance (BBA-ISA) program is to create technologically proficient, business-savvy information security professionals capable of applying policy, education & training, and technology solutions to protect information assets from all aspects of threats, and to manage the risks associated with modern information usage. Information security is the protection of the confidentiality, integrity, and availability of information while in transmission, storage or processing, through the application of policy, technology, and education and awareness. Information assurance concerns information operations that protect and defend information and information systems by ensuring availability, integrity, authentication, confidentiality, and nonrepudiation. This program spans both areas in its approach to the protection of information in the organization. The Committee on National Security Systems and the National Security Agency have certified that Kennesaw State University offers a set of courseware that has been reviewed by National Level Information Assurance Subject Matter Experts and determined to meet National Training Standard for Information Systems Security Professionals (NSTISSI 4011, and CNSS 4012, 4013E, 4014E). KSU is also designated as a National Center of Academic Excellence in Information Assurance as recognized by the National Security Agency and the Department of Homeland Security.

All business majors must meet the Coles College Sophomore GPA Requirement and be admitted to the Coles College Professional Program. In addition, all business majors must earn a grade of "C" or better in all business courses counted toward their degree.

General Education (42 Credit Hours)

see listing of requirements

In the General Education requirements, all business majors must take:

- MATH 1111 - College Algebra
  or
- MATH 1113 - Precalculus

- MATH 1106 - Elementary Applied Calculus
  or
- MATH 1190 - Calculus I

- ECON 2100 - Principles of Microeconomics

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- ACCT 2100 - Introduction to Financial Accounting
- ACCT 2200 - Introduction to Managerial Accounting
- BLAW 2200 - Legal and Ethical Environment of Business
- ECON 2100 - Principles of Microeconomics (hours counted in General Education)
- ECON 2200 - Principles of Macroeconomics
- ECON 2300 - Business Statistics
- IS 2200 - Information Systems and Communication

Upper Division Major Requirements (48 Credit Hours)

Upper Division Business Core (18 Credit Hours)

- ECON 3300 - Applied Statistical and Optimization Models
- FIN 3100 - Principles of Finance
- MGT 3100 - Management and Behavioral Sciences
- MGT 3200 - Operations Management
- MGT 4199 - Strategic Management
- MKTG 3100 - Principles of Marketing

Information Technology Requirement (3 Credit Hours)

IS 3100 - Information Systems Management

Major Field Requirements (24 Credit Hours)

- ISA 3010 - Security Script Programming
- ISA 3100 - Principles of Information Security
- ISA 3200 - Network Security
- ISA 3210 - Client Systems Security
- ISA 3300 - Management of Information Security in a Global Environment
- ISA 4200 - Perimeter Defense
- ISA 4220 - Server Systems Security
- ISA 4810 - Cyber Defense

Major Field Electives (6 Credit Hours)

- ISA 4330 - Incident Response and Contingency Planning
- ISA 4350 - Management of Digital Forensics and eDiscovery
- ISA 4400 - Directed Study in Information Security and Assurance
- ISA 4490 - Special Topics in Information Security and Assurance
- ISA 4700 - Emerging Issues in Information Security
- ISA 4710 - International Issues in Information Security and Assurance
- ISA 4805 - Penetration Testing
- ISA 4820 - Information Security and Assurance Programs and Strategies

Business Electives (6 Credit Hours)

Six hours of credit from upper-division (3000-4000 level) course offerings outside the Major, but inside the Coles College of Business. ISA courses cannot be used here. (A maximum of six hours of credit in Information Security and Assurance Co-Ops and Internships may be used in this area. Co-Ops and Internships cannot be used in any other area.) ISA Students are encouraged to take IS courses in this area.

Non-Business Electives (3 Credit Hours)

Three hours of credit from any lower-division (1000-2000 level) or upper-division (3000-4000 level) non-business courses offered at Kennesaw State.

Program Total (123 Credit Hours)

Major in International Business, BBA

Coles College of Business Office of the Dean (770) 423-6055

The program of study in International Business is designed for students who are actively seeking to focus their education on the international dimensions of business. The curriculum for this major provides students with a solid foundation of traditional liberal arts components of a baccalaureate education, the traditional components of a business school education, plus the international dimensions of business, foreign language, and an international study experience. Additionally, the program is structured to provide students with a solid foundation of disciplinary knowledge in one of the business functional areas.

All business majors must meet the Coles College Sophomore GPA Requirement and be admitted to the Coles College Professional Program. In addition, all business majors must earn a grade of "C" or better in all business courses counted toward their degree. International Business Majors must also earn a grade of "C" or better in the courses which satisfy their foreign language and international study experience requirements.

General Education (42 Credit Hours)

(See listing of requirements)

In the General Education requirements, all International Business Majors must take:

- MATH 1111 - College Algebra
  or
- MATH 1113 - Precalculus

- MATH 1106 - Elementary Applied Calculus
  or
- MATH 1190 - Calculus I

- ECON 2100 - Principles of Microeconomics
- FL 1002 - Introduction to Foreign Language and Culture II (Additional Foreign Language hours that build on this course are required. IB majors must choose from Chinese, French, German, Italian, or Spanish.)
- GEOG 2105 - Social Issues: Perspectives in Geography (recommended in General Education)

University-Wide Fitness For Living Requirement (3 Credit Hours)

Foreign Language* (9 Credit Hours)

9 hours of foreign language at the 2000-level or above (Students must complete 2001, 2002, and 3302 or 3303 in Chinese, French, German, Italian, or Spanish.)

Lower Division Business Core (AREA F) (18 Credit Hours)

- ACCT 2100 - Introduction to Financial Accounting
- ACCT 2200 - Introduction to Managerial Accounting
- ECON 2100 - Principles of Microeconomics (hours counted in General Education)
- ECON 2200 - Principles of Macroeconomics
- ECON 2300 - Business Statistics
- IS 2200 - Information Systems and Communication
- BLAW 2200 - Legal and Ethical Environment of Business

Upper Division Major Requirements (48 Credit Hours)

Upper Division Business Core (18 Credit Hours)

- ECON 3300 - Applied Statistical and Optimization Models
- FIN 3100 - Principles of Finance
- MKTG 3100 - Principles of Marketing
- MGT 3100 - Management and Behavioral Sciences
- MGT 3200 - Operations Management
- MGT 4199 - Strategic Management

Major Field Requirements (18 Credit Hours)

- MGT 3600 - Introduction to International Business

And select fifteen credit hours from the following:

- ACCT 4300 - International Accounting
- BLAW 3400 - Negotiation
- ECON 4410 - International Trade and Finance
- FIN 4420 - International Financial Management
- MGT 4190 - International Management
- MGT/MKTG 4476 - Contemporary Global Business Practices
- MKTG 4820 - International Marketing

Major Field Electives (12 Credit Hours)

Select one of the following Concentrations:

Accounting

- ACCT 3100 - Intermediate Financial Accounting I
- ACCT 3300 - Accounting Information Systems
- ACCT 4050 - Intermediate Financial Accounting II
- ACCT 4100 - Advanced Financial Accounting

Economics

- ECON 4510 - Microeconomics
- ECON 4610 - Macroeconomics

And any two of the following (6 Credit Hours):

- ECON 4310 - Economic Development in Global Perspective
- FIN 4360 - Investments
- FIN 4620 - Financial Management of Financial Institutions

Finance

- FIN 4320 - Fixed Income Securities
- FIN 4620 - Financial Management of Financial Institutions

And any two of the following (6 Credit Hours):

- ECON 4210 - Money and Financial Markets
- ECON 4310 - Economic Development in Global Perspective
- FIN 4360 - Investments

Management

- MGT 4125 - International Entrepreneurship
- MGT 4800 - International Supply Chain Management
- MGT 4174 - International Human Resource Management
- any other 4000-level MGT course not already used (3 Credit Hours)

Marketing

- MKTG 4100 - Marketing Research
- MKTG 4150 - Consumer Behavior
- MKTG 4990 - Marketing Management
- any other 4000-level MKTG course not already used (3 Credit Hours)

International Study Experience** (3 Credit Hours)

Program Total (123 Credit Hours)

Notes:

* Students who are already fluent in a foreign language should meet with a Staff Advisor in the Business Undergraduate Advising Center (BB 431) to discuss this requirement. If it is determined that you do not have to take the foreign language courses, you will still have to complete 9 credit hours of electives that are approved by the Associate Dean for Undergraduate Business Programs.
** Students must take 3 credit hours of approved Study Abroad or Exchange Program courses or an approved international internship to satisfy this requirement. Students must get approval from the Associate Dean for Undergraduate Business Programs before signing up for the hours to be used for this requirement. Students are required to work with a Staff Advisor in the Business Undergraduate Advising Center (BB 431), and the Staff Advisor will present the proposal for approval to the Associate Dean. Once submitted to the Associate Dean, processing of requests for Exchanges, internships, and non-Coles Study Abroad courses takes approximately four weeks. Information about KSU's policies, procedures, and proposal forms related to education abroad are available from the KSU Office of International Programs (WH 202). Information about which BBA courses are allowed to be taken abroad is available from Staff Advisors in the Business Undergraduate Advising Center (BB 431). Students attending KSU on a student visa should meet with a Staff Advisor to discuss this requirement.

Major in Marketing, BBA

Coles College of Business, Department of Marketing & Professional Sales
(770) 423-6060

Marketing affects us every day of our lives. A field devoted to promoting an organization's goods and services to potential customers, marketing helps deliver to average consumers a standard of living that would have been inconceivable to previous generations.
Majoring in marketing can lead to a personally satisfying and financially rewarding career in the fields of marketing, sales, or sales management. The marketing curriculum merges marketing theory with real-world practice to prepare students for working with either for-profit or nonprofit organizations. Students may choose a general program of study or one of the specialized marketing tracks including marketing communications, retail management, or professional selling.

All business majors must meet the Coles College Sophomore GPA Requirement and be admitted to the Coles College Professional Program. In addition, all business majors must earn a grade of "C" or better in all business courses counted toward their degree.

General Education (42 Credit Hours)
see listing of requirements

In the General Education requirements, all business majors must take:

- MATH 1111 - College Algebra
  or
- MATH 1113 - Precalculus

- MATH 1106 - Elementary Applied Calculus
  or
- MATH 1190 - Calculus I

- ECON 2100 - Principles of Microeconomics

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Business Core (AREA F) (18 Credit Hours)

- ACCT 2100 - Introduction to Financial Accounting
- ACCT 2200 - Introduction to Managerial Accounting
- ECON 2100 - Principles of Microeconomics (hours counted in General Education)
- ECON 2200 - Principles of Macroeconomics
- ECON 2300 - Business Statistics
- IS 2200 - Information Systems and Communication
- BLAW 2200 - Legal and Ethical Environment of Business

Upper Division Major Requirements (45 Credit Hours)

Upper Division Business Core (18 Credit Hours)

- ECON 3300 - Applied Statistical and Optimization Models
- FIN 3100 - Principles of Finance
- MKTG 3100 - Principles of Marketing
- MGT 3100 - Management and Behavioral Sciences
- MGT 3200 - Operations Management
- MGT 4199 - Strategic Management

Information Technology Requirement (3 Credit Hours)

- IS 3100 - Information Systems Management

Major Field Requirements (15 Credit Hours)

- MKTG 4100 - Marketing Research
- MKTG 4150 - Consumer Behavior
- MKTG 4410 - Professional Selling
- MKTG 4820 - International Marketing
- MKTG 4990 - Marketing Management

Major Field Electives (12 Credit Hours)*

Select 12 credit hours from the following:

- MKTG 3800 - Entertainment Marketing
- MKTG 4300 - Basic Retailing
- MKTG 4350 - Retail Management
- MKTG 4430 - Market Analysis
- MKTG 4450 - Sales Management
- MKTG 4500 - Internet Marketing and Global Business

- MKTG 4620 - Services Marketing
- MKTG 4630 - Direct Response Marketing
- MKTG 4650 - Advertising
- MKTG 4666 - Marketing for Entrepreneurs
- MKTG 4670 - Promotional Strategy
- MKTG 4750 - Advanced Selling
- MKTG 4850 - Business to Business Marketing
- MKTG 4870 - Sports Marketing
- MKTG 4400 - Directed Study
- MKTG 4490 - Special Topics in Marketing
- MKTG 4476 - Contemporary Global Business Practices

Business Electives (6 Credit Hours)

6 hours of credit from upper-division (3000/4000) course offerings outside the major, but inside the Coles College of Business. MKTG courses cannot be used here. (A maximum of 6 hours of credit in Co-Ops and Internships may be used in this area. Co-Ops and Internships cannot be used in any other area.)

Non-Business Electives (6 Credit Hours)

6 hours of credit from any lower-division (1000/2000) or upper-division (3000/4000) non-business courses offered at Kennesaw State.

Program Total (123 Credit Hours)

***Guidance for Selecting Major Field Electives:**

If you are interested in a particular area of Marketing, here are some suggested courses for three areas of specialization: Marketing Communications, Retail Management, and Professional Selling.

I. Marketing Communication

- MKTG 4630 - Direct Response Marketing
- MKTG 4650 - Advertising
- MKTG 4670 - Promotional Strategy

II. Retail Management

- MKTG 4300 - Basic Retailing
- MKTG 4350 - Retail Management
- MKTG 4500 - Internet Marketing and Global Business

III. Professional Selling

- MKTG 4430 - Market Analysis
- MKTG 4450 - Sales Management
- MKTG 4750 - Advanced Selling
- MKTG 4850 - Business to Business Marketing

Major in Management, BBA

Coles College of Business, Department of Management & Entrepreneurship
(770) 423-6552

The program of study in management is designed to prepare students for leadership roles in the field of management. Management is the process of planning, organizing, staffing, directing and controlling activities in an organization that will result in the achievement of a common goal. Managers make decisions and direct resources so that organizational goals and objectives are achieved.

All business majors must meet the Coles College Sophomore GPA Requirement and be admitted to the Coles College Professional Program. In addition, all business majors must earn a grade of "C" or better in all business courses counted toward their degree.

General Education (42 Credit Hours)

see listing of requirements

In the General Education requirements, all business majors must take:

- MATH 1111 - College Algebra
- or
- MATH 1113 - Precalculus
-
- MATH 1106 - Elementary Applied Calculus
- or
- MATH 1190 - Calculus I
-
- ECON 2100 - Principles of Microeconomics

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Business Core (AREA F) (18 Credit Hours)

- ACCT 2100 - Introduction to Financial Accounting
- ACCT 2200 - Introduction to Managerial Accounting
- ECON 2100 - Principles of Microeconomics (hours counted in General Education)
- ECON 2200 - Principles of Macroeconomics
- ECON 2300 - Business Statistics
- IS 2200 - Information Systems and Communication
- BLAW 2200 - Legal and Ethical Environment of Business

Upper Division Major Requirements (45 Credit Hours)

Upper Division Business Core (18 Credit Hours)

- ECON 3300 - Applied Statistical and Optimization Models
- FIN 3100 - Principles of Finance
- MKTG 3100 - Principles of Marketing
- MGT 3100 - Management and Behavioral Sciences
- MGT 3200 - Operations Management
- MGT 4199 - Strategic Management

Information Technology Requirement (3 Credit Hours)

- IS 3100 - Information Systems Management

Major Field Requirements (12 Credit Hours)

- MGT 4120 - Venture Management
- MGT 4160 - Organizational Behavior
- MGT 4170 - Strategic Human Resource Management
- MGT 4190 - International Management

Major Field Electives (12 Credit Hours)*

Select 12 credit hours from the following:

- MGT 3140 - Leading & Teaming in Business Settings
- MGT 3190 - Business, Ethics, and Society
- MGT 3600 - Introduction to International Business
- MGT 4121 - Entrepreneurship and Creativity
- MGT 4122 - Venture Analysis
- MGT 4123 - Family Business Management
- MGT 4124 - Franchise Management
- MGT 4125 - International Entrepreneurship
- MGT 4130 - Commercial Real Estate Ventures
- MGT 4161 - Organizational Communications
- MGT 4171 - Employee and Labor Relations
- MGT 4172 - Compensation and Reward Systems
- MGT 4173 - Human Resource Selection
- MGT 4174 - International Human Resource Management
- MGT 4476 - Contemporary Global Business Practices
- MGT 4700 - Hospitality Management
- MGT 4800 - International Supply Chain Management
- MGT 4850 - Managing Process Improvement
- MGT 4860 - Quality Management
- MGT 4880 - Service Operations Management
- MGT 4400 - Directed Study
- MGT 4490 - Special Topics in Management
- BLAW 4960 - Current Issues in Business Ethics and Law
- MKTG 4666 - Marketing for Entrepreneurs

Business Electives (9 Credit Hours)

Nine hours of credit from upper-division (3000/4000) course offerings outside the Major, but inside the Coles College of Business. MGT courses cannot be used here. (A maximum of nine hours of credit in Management Co-Ops and Internships may be used in this area. Co-Ops and Internships cannot be used in any other area.)

Non-Business Electives (6 Credit Hours)

Six hours of credit from any lower-division (1000/2000) or upper-division (3000/4000) non-business courses offered at Kennesaw State.

Program Total (123 Credit Hours)

***Guidance for Selecting Major Field Electives:**

If you are interested in a particular area of Management, following are some suggested courses related to three areas of specialization: Human Resource Management, Entrepreneurship, and Operations and Supply Chain Management.

I. Human Resource Management
- MGT 4171 - Employee and Labor Relations
- MGT 4172 - Compensation and Reward Systems
- MGT 4173 - Human Resource Selection
- MGT 4174 - International Human Resource Management

II. Entrepreneurship
- MGT 4121 - Entrepreneurship and Creativity
- MGT 4122 - Venture Analysis
- MGT 4123 - Family Business Management
- MGT 4124 - Franchise Management
- MGT 4130 - Commercial Real Estate Ventures

III. Operations and Supply Chain Management
- MGT 4800 - International Supply Chain Management
- MGT 4850 - Managing Process Improvement
- MGT 4860 - Quality Management
- MGT 4880 - Service Operations Management

Major in Professional Sales, BBA

Coles College of Business, Department of Marketing & Professional Sales (770) 423-6060

Many job opportunities exist in professional sales for graduates who enjoy the independence and economic rewards that a sales career provides. A major in professional selling focuses on business-to-business selling, helping students learn how to design and deliver effective sales presentations, analyze and manage individual accounts and markets, develop sales plans, and manage the sales force.

All business majors must meet the Coles College Sophomore GPA Requirement and must be admitted to the Coles College Professional Program. In addition, all business majors must earn a grade of "C" or better in all business courses counted toward their degree.

General Education (42 Credit Hours)
see listing of requirements

In the General Education requirements, all business majors must take:
- MATH 1111 - College Algebra
  or
- MATH 1113 - Precalculus

- MATH 1106 - Elementary Applied Calculus
  or
- MATH 1190 - Calculus I

- ECON 2100 - Principles of Microeconomics

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Business Core (AREA F) (18 Credit Hours)

- ACCT 2100 - Introduction to Financial Accounting
- ACCT 2200 - Introduction to Managerial Accounting
- ECON 2100 - Principles of Microeconomics (hours counted in General Education)
- ECON 2200 - Principles of Macroeconomics
- ECON 2300 - Business Statistics
- IS 2200 - Information Systems and Communication
- BLAW 2200 - Legal and Ethical Environment of Business

Upper Division Major Requirements (45 Credit Hours)

Upper Division Business Core (18 Credit Hours)

- ECON 3300 - Applied Statistical and Optimization Models
- FIN 3100 - Principles of Finance
- MKTG 3100 - Principles of Marketing
- MGT 3100 - Management and Behavioral Sciences
- MGT 3200 - Operations Management
- MGT 4199 - Strategic Management

Information Technology Requirement (3 Credit Hours)

- IS 3100 - Information Systems Management

Major Field Requirements (18 Credit Hours)

- MKTG 4410 - Professional Selling
- MKTG 4430 - Market Analysis
- MKTG 4450 - Sales Management
- MKTG 4750 - Advanced Selling
- MKTG 4820 - International Marketing
- MKTG 4850 - Business to Business Marketing

Major Field Electives (6 Credit Hours)

Select six credit hours from the following:

- MKTG 3800 - Entertainment Marketing
- MKTG 4100 - Marketing Research
- MKTG 4150 - Consumer Behavior
- MKTG 4300 - Basic Retailing
- MKTG 4350 - Retail Management
- MKTG 4476 - Contemporary Global Business Practices
- MKTG 4500 - Internet Marketing and Global Business
- MKTG 4620 - Services Marketing
- MKTG 4630 - Direct Response Marketing
- MKTG 4650 - Advertising
- MKTG 4666 - Marketing for Entrepreneurs
- MKTG 4670 - Promotional Strategy
- MKTG 4870 - Sports Marketing
- MKTG 4490 - Special Topics in Marketing
- MKTG 4400 - Directed Study
- MKTG 4990 - Marketing Management

Business Electives (9 Credit Hours)

Nine hours of credit from upper-division (3000/4000) course offerings outside the Major, but inside the Coles College of Business. MKTG courses may not be used here. (A maximum of six hours of credit in Professional Sales Co-Ops and Internships may be used in this area. Co-Ops and Internships cannot be used in any other area).

Non-Business Electives (6 Credit Hours)

Six hours of credit from any lower-division (1000/2000) or upper-division (3000/4000) non-business courses offered at Kennesaw State.

Program Total (123 Credit Hours)

Bagwell College of Ecuation & PTEU

Kennesaw State University graduates more teachers each year than any other USG institution. One out of six undergraduate students at KSU is enrolled in a professional degree program that prepares teachers for the P-12, elementary, middle and secondary schools. KSU's conceptual framework for teacher education is the Collaborative Development of Expertise in Teaching, Learning and Leadership. The Professional Teacher Education Unit (PTEU) at Kennesaw State University is committed to developing expertise among candidates in initial and advanced programs as teachers and leaders who possess the capability, intent and expertise to facilitate high levels of learning in all of their students through effective, research-based practices in classroom instruction, and who enhance the structures that support all learning. To that end, the PTEU fosters the development of candidates as they progress through stages of growth from novice to proficient to expert and leader. Within the PTEU conceptual framework, expertise is viewed as a process of continued development, not an end-state. To become effective, teachers and educational leaders must embrace the notion that teaching and learning are entwined and that only through the implementation of validated practices can all P-12 students construct meaning and reach high levels of learning. In that way, candidates are facilitators of the teaching and learning process. Finally, the PTEU recognizes, values and demonstrates collaborative practices across the college and university and extends collaboration to the community-at-large. Through this collaboration with university professionals, the public and private schools, parents and other professional partners, the PTEU meets the ultimate goal of assisting Georgia schools in bringing all students to high levels of learning.

Teacher education programs at KSU have high expectations for content knowledge in the teaching field, effective pedagogical skills, multiple field experiences, multicultural perspectives, use of educational technology, performance-based assessments, and attention to student learning outcomes.

Accreditations

The university's teacher preparation programs are accredited by the National Council for Accreditation of Teacher Education (NCATE) and approved by Georgia's Professional Standards Commission (PSC). Successful completion of one of KSU's approved undergraduate programs in teacher education leads to initial teacher certification in Georgia (P-5 for elementary; 4-8 for middle; 6-12 for secondary; and P-12 for all grades).

Graduates of KSU's teacher education programs typically perform well on examinations for professional certification. Candidates for teacher certification in Georgia must pass the GACE Basic and GACE Content tests. In Georgia, the Professional Standards Commission provides the GACE II pass rates for all teacher preparation units in the state to the U.S. Secretary of Education as mandated by Title II of the Higher Education Amendments of 1998. The pass rate, which is published as part of the Title II Teacher Report Card, was 93% for all KSU program completers for the 2007-2008 academic year.

The PTEU

Teacher education at KSU is a highly collaborative and all-campus responsibility. The Professional Teacher Education Unit (PTEU) is the umbrella organization under which approximately 175 teaching faculty and academic administrators representing over twelve different instructional departments and five colleges come together to collaborate on the design, delivery, approval and accreditation of all teacher preparation programs. The Dean of the Leland & Clarice C. Bagwell College of Education leads the PTEU and provides university-wide coordination for teacher education, working in partnership with the other deans of the university.

Within the PTEU, the following functions are centralized in the Bagwell College of Education in support of all teacher education programs at KSU:

- Formal Admission to Teacher Education—Impey Teacher Education Advisement Center, located in Education Student Services (ESS)
- General Program Advisement—Impey Teacher Education Advisement Center, located in Education Student Services (ESS), and specific program areas
- Admission to Student Teaching—Center for Educational Placement and Partnerships (CEPP)
- Recommendations for Teacher Certification— Impey Teacher Education Advisement Center, located in Education Student Services (ESS)
- Final Appeals of Teacher Education Admission & Retention Decisions—Teacher Education Appeals Board and Associate Dean for the Undergraduate Studies of the Bagwell College of Education
- Teacher Induction and Professional Development Activities—Center for Education Placements and Partnerships (CEPP)
- Teaching Resources—Teacher Resource and Activity Center (TRAC)
- Educational Technology Resources—Learning Technology Center in TRAC and the Educational Technology Center
- Coordination of Field Experiences—Center for Education Placements and Partnerships
- Coordination for Program Accreditation—Associate Dean for Assessment and Accreditation of the Bagwell College of Education
- Coordination of the PTEU and Program Coordinators—Dean of the Bagwell College of Education
- Oversight of the Teacher Education Council (TEC), College Level Policy and Curriculum Committee for all Teacher Education Programs—Dean of the Bagwell College of Education

Within the PTEU, most of the responsibilities for designing and implementing individual degree programs in teacher education are decentralized and assigned to different colleges and instructional departments. Each program has a KSU faculty member who serves as the program coordinator in the department responsible for that program. The collaborat-

ing colleges and departments responsible for KSU's eleven bachelor's degree programs and one current endorsement in teacher education are as follows:

- Bagwell College of Education
- P-5 Elementary and Early Childhood Education (Department of Elementary & Early Childhood Education)
- 4-8 Middle Grades Education (Department of Secondary & Middle Grades Education)
- WellStar College of Health & Human Services
- P-12 Health & Physical Education (Department of Health, Physical Education & Sport Science)
- College of Humanities & Social Sciences
- 6-12 English Education (Department of English)
- 6-12 History Education (Department of History & Philosophy)
- P-12 Teacher Certification in Foreign Language Education Concentration (Department of Foreign Languages)
- College of Science and Mathematics
- 6-12 Biology Education (Department of Biology & Physics)
- 6-12 Mathematics Education (Department of Mathematics & Statistics)
- 6-12 Chemistry Education Track (Department of Chemistry & Biochemistry)
- 6-12 Computer Science Endorsement (Department of Computer Science & Information Systems)*
- College of the Arts
- P-12 Art Education (Department of Visual Arts)
- P-12 Music Education (Department of Music)

* The computer science endorsement is a concurrent endorsement that leads to 6-12 certification.

At KSU, content specialists in the arts and sciences work collaboratively with pedagogy specialists in those same disciplines and often in the same departments to prepare teachers. Bachelor's degree programs in teacher education require the equivalent of a major in the content studies of the teaching field and the equivalent of a second major in pedagogical studies with an emphasis on teaching that is discipline-specific and age-appropriate.

Bagwell College of Education

Even though the responsibility for administering professional teacher preparation programs is distributed broadly across many colleges and departments at KSU, the overall coordination and primary leadership for teacher education resides with the Leland & Clarice C. Bagwell College of Education and the Dean of Education. The Bagwell College is organized into four instructional departments that support particular degree programs in teacher education and a number of academic support units that provide services to all teacher education programs in the PTEU.

Education Student Services (ESS) serves both undergraduate and graduate teacher education and leadership programs. Housed within ESS is the William D. Impey Teacher Education Advisement Center (TEAC), which provides advisement to Elementary and Early Childhood, Middle Grades, and Secondary History Education candidates in the PTEU as they complete requirements for full admission to Teacher Education, complete program requirements in their major, prepare for participation in major field experiences, and seek teacher certification. Located also within ESS is the Graduate Programs Office (GPO), which provides guidance for admission into graduate programs. ESS also disseminates student scholarship and award information, club and organization information and recruits for high needs programs. Recommendations for teacher certification are completed by the certification officer, who resides in ESS. The Teacher Resource and Activity Center (TRAC) serves teacher candidates and in-service candidates and teachers with a curriculum and textbook library and a media resource center for the design and development of instructional materials.

The Educational Technology Center (ETC) at Kennesaw State University serves the Metropolitan Atlanta and North Georgia region with workshops for pre-service and in-service educators on the principles of integrating technology into the curriculum to enhance student learning.

Under the leadership of the Associate Dean for Assessment and Accreditation, the Research and Assessment in Teacher Education Unit coordinates the PTEU's data collection, institutional research, and assessments for reporting and program improvement purposes. The Center for Educational Placements and Partnerships (CEPP) develops and promotes partnerships and collaborative efforts with the university, the community, and schools to advance public P-12 education. The director and center personnel working with teacher education faculty and appropriate school personnel, plan and implement the selection of school sites and classrooms appropriate to the needs of Kennesaw State University candidates and the goals of the Professional Teacher Education Unit. The Center supports teacher development from pre-service education to teacher induction through mentoring programs, staff development, and other initiatives. All PTEU teacher education field placements are coordinated and secured by CEPP.

Admission to Teacher Education

Kennesaw State University is committed through its admission and monitoring processes to recruit and prepare diverse, highly qualified and capable prospective teachers. In order to enroll in a professional education course at the upper level (3000-4000), the candidate must be formally admitted to Teacher Education at Kennesaw State University. Admission to teacher education is separate from admission to Kennesaw State University. Candidates typically apply for admission to Teacher Education as sophomores after having completed most of their general education requirements. Applications for admission to Teacher Education are available in Education Student Services (ESS).

A criminal history background check will be performed prior to admission to Teacher Education. In addition, if determined by the background check that a student is a multistate offender, the student will be required to pay a fee and be fingerprinted. Results of either the criminal history background check and/or fingerprinting may preclude admission to teacher education. For more information on the criminal history process, students should contact ESS.

In order to meet the minimum requirements for admission to teacher education programs, candidates must also have:

1. Completed at least 45 semester hours of accredited college coursework.
2. Achieved a cumulative GPA of 2.75 for all attempted hours in the system core curriculum and lower division courses as required for teacher preparation programs.
3. Achieved an adjusted or cumulative GPA of 2.75 for all completed coursework at Kennesaw State University.
4. Completed English 1101 and English 1102 with grades of "C" or higher.
5. Passed or exempted the Regents' Examination.
6. Passed or exempted the state of Georgia required GACE Basic Skills Assessment, regardless of matriculation date.
7. Completed EDUC 2110* with grade of "C" or higher. In addition to the preceding, the Department of Elementary and Early Childhood Education requires that all additional coursework completed in Lower Division Major and Teaching Field at the time of application for admission must consist of a grade of "C" or higher.
8. Received a positive faculty recommendation from EDUC 2110.
9. Received a positive evaluation in the EDUC 2110 field experience.
10. Exhibited responsible, professional behavior in all classes, the field experience, and interactions with peers and faculty.
11. Exhibited potential for success in the program.
12. Been approved for admission by the Admission and Academic Standing Committee of the applicant's proposed degree program.
13. Note: Some degree programs in teacher education have additional admissions requirements. Consult those departments and program coordinators.

*Or approved Teacher Cadet or Teacher Apprenticeship Program

To be considered for admission, applications and all supporting documents must be submitted to the William D. Impey Teacher Education Advisement Center (located in ESS) on or before the following deadlines:

Admission to Teacher Education Program for	Application Deadline*
Fall Semester	April 15th
Spring Semester	September 15th
Summer Term	February 15th

** See note below on teacher education admission fee*

Candidates will be informed of their admission status by email to their Kennesaw State University Student email account. Candidates who have been denied admission must remove deficiencies within three semesters of the initial application for admission in order to be eligible for reconsideration for entry into a teacher education program.

Teacher Education Admission Fee

Any student submitting an application for admission to Teacher Education after February 15, 2006 must pay a $20.00 application fee. This fee is nonrefundable and nontransferable.

Retention in Teacher Education

Once admitted to teacher education, a candidate will not be eligible to continue in teacher education if:

1. Responsible, professional behavior is not exhibited in all classes, field experiences and interactions with peers and faculty, as judged by the program faculty and/or collaborating teachers and school personnel.
2. The candidate is found guilty of a major violation of the student code of conduct or civil law.
3. Two or more "D" or "F" grades are earned in required lower and upper division courses in the candidate's teacher education program. A review may be triggered if the candidate's adjusted or cumulative GPA falls below 2.75 at KSU.
4. The individual fails to observe or meet the required course and program prerequisites, including field-based teaching methods courses and student teaching.
5. Teaching skills and effectiveness are judged by two or more faculty instructors and/or collaborating teachers to be unsatisfactory.
6. Student teaching is not completed satisfactorily.

One or more of these deficiencies will trigger a review by the Admissions and Academic Standing Committee of the appropriate program area, which will determine whether the candidate will be permitted to continue in the teacher education program under an individualized remediation plan. Decisions to remove a candidate from the teacher education program will be recommended by that committee and approved by the program coordinator, department chair, and the Associate Dean for Undergraduate Studies of the Bagwell College of Education.

A student teacher may be removed from a field experience when any of the following occurs:

1. The appropriate school authority states that the teacher preparation candidate's presence in the classroom is not in the best interest of the public school's students and/or requests that the teacher preparation candidate be removed;
2. The joint decision of the appropriate teacher education program coordinator and department chair in consultation with the Director of the Center for Education Placements and Partnerships (CEPP), student teacher coordinator, supervising master teacher, and/or university supervisor states that the circumstances are such as to prevent either the development and/or maintenance of a satisfactory learning environment;
3. Unprofessional/unethical behavior has been exhibited by the teacher education candidate;
4. A decision has been reached that the teacher education candidate cannot receive a satisfactory grade.

Major Field Experiences

The purpose of educational field experiences is to provide each teacher education candidate with multiple opportunities to engage in the practical aspects of teaching in real classroom settings. The teacher education faculty, the Director of the Center for Education Placements and Partnerships and appropriate school personnel collaborate to plan and implement the selection of school sites, classrooms and teaching/learning major field experiences and environments appropriate to the needs of the candidates and the goals of the Professional Teacher Education Unit. Emphasis is given to balancing each candidate's experiences between urban, suburban and rural environments, as well as among the multicultural and diverse populations of learners served within the Kennesaw State University service area. Each candidate is expected to be engaged in the full range of the respective program's teacher certification requirements as prescribed by the Georgia Professional Standards Commission.

The introductory course to the major includes a field component, as do several other courses in the professional education sequence. Two major field experiences form the capstone of all undergraduate teacher education programs: 1) the Teaching of Specific Subjects (TOSS) experience; and 2) the Student Teaching experience.

Teaching of Specific Subjects (TOSS)

While candidate progress will be monitored throughout the program, a formal progress check will occur when candidates submit the TOSS application for the appropriate program area. This form must be signed by the student's advisor and submitted to the program's coordinator. A criminal history background check will be performed prior to Admission to the Teaching of Specific Subjects (TOSS) or equivalent and may preclude continuation in the program. Teacher candidates must pay a fee for this service. Information regarding the criminal history check can be obtained from the Center for Education Placements and Partnerships. Minimum requirements for continuation in the program are:

1. Completion of teaching field and professional sequence coursework with a 2.75 minimum adjusted or cumulative GPA.
2. Grades of "C" or better in all required courses in the candidate's teacher education program.
3. Positive evaluations in all field experiences.
4. Responsible behavior in all classes, field experiences, and interactions with peers and faculty.
5. Approval by the Admissions and Academic Standing Committee of the appropriate program area.

Individual programs/departments may have additional criteria for continuation in the program.

The form must be submitted to the appropriate program coordinator the semester preceding the term in which the student wishes to enroll in TOSS. Applications are generally due early in the term. Students should see the program coordinator or TOSS coordinator for exact deadlines.

Admission to Student Teaching

Student teaching normally is the last requirement completed in teacher education programs. Student teaching requires a full-time academic and professional commitment; therefore, no other courses should be taken during the semester of student teaching. Since student teaching is based in the field, the typical school-day hours for teachers at the placement site will be observed by the teacher candidate. The teacher candidate is expected to follow the direction of the collaborating teacher, the school principal, the KSU university supervisor, and the KSU director of the Center for Education Placements and Partnerships.

A criminal history background check will be performed prior to admission to Teacher Education. In addition, if determined by the background check that a student is a multi-state offender, the student will be required to pay a fee and be fingerprinted. Results of either the criminal history background check and/or fingerprinting may preclude continuation in the program.

Formal application to student teach must be completed and submitted to the Center for Education Placements and Partnerships. Candidates become eligible to student teach by meeting the following requirements:

1. Grades of "C" or higher in all Lower Division Major Requirements (Area F) teaching field and professional education coursework.
2. A 2.75 adjusted or cumulative GPA in all coursework at Kennesaw State University.
3. Positive evaluations in field experiences.
4. Responsible professional behavior in all classes, field experiences, and interactions with peers and faculty.
5. Positive recommendation from the instructor(s) of Teaching of Specific Subject (TOSS).
6. Approval by the Center for Education Placements and Partnerships and the Admissions and Academic Standing Committee of the appropriate program area.

Individual programs/departments may have additional criteria for admission to student teaching.

Applications for student teaching must be submitted to the Center for Education Placements and Partnerships on or before the deadline dates specified below:

Admission to Student Teaching for	Application Deadline
Fall Semester (previous Spring)	January 30
Spring Semester (previous Fall)	August 30

Applications are due a semester in advance. For example, candidates wishing to student teach Spring 2010 must submit completed applications by August 30, 2009. Candidates wishing to student teach Fall 2010 must submit completed applications by January 30, 2010. Applications will not be accepted after the deadline.

Completion of Student Teaching

Criteria for the successful completion of student teaching are detailed in the Outcomes and Proficiencies outlined in the PTEU Candidate Performance Instrument (CPI) and embodied in the PTEU Conceptual Framework (CF). Candidates demonstrate their achievement of the Outcomes and Proficiencies through successful completion of the following:

- Entire semester of student teaching including eight to ten continuous weeks of full-time teaching (during one semester), unless otherwise stated by the program area
- Candidate Performance Instrument (CPI)
- Portfolio Narrative
- Impact on Student Learning Analysis Assignment
- Program area criteria and requirements
- End-of-semester student teaching surveys

The CF Outcomes and Proficiencies are available on the Center for Education Placements and Partnerships Website. Refer to the Field Experiences Handbook to review reasons for removal from the student teaching experience.

Grading Policies for Student Teaching

The final grades and their definitions for student teaching are as follows:

I – indicates an incomplete grade for the Student Teaching experience and will be awarded only when the candidate is progressing successfully in the Student Teaching experience, but for non-academic reasons beyond his/her control is unable to meet the full requirements of the student teaching semester experience. An "Incomplete Grade Documentation" form is required that stipulates the conditions for successful completion of student teaching and signed by the university supervisor, collaborating teacher, department chair/program coordinator, and candidate.

If a candidate receives a grade of "I", the candidate must satisfactorily complete the requirements for Student Teaching as recommended by the program area, in compliance with the time frame stated under "Grading Policies" in the current KSU Catalog. The candidate will be assigned the grade of "U" if the grade of "I" is not removed within the time frame stated under "Grading Policies"

in the current KSU Catalog. If the candidate receives a grade of "U" and wishes to enroll for student teaching in a subsequent semester, the candidate must reapply for student teaching. If accepted to the program, the candidate must complete the entire student teaching semester experience.

W – is awarded when a candidate withdraws without penalty from student teaching with the approval of the registrar before the withdrawal date listed in the Semester Schedule of Classes. Withdrawals without penalty may be permitted after the official withdrawal period in hardship cases only with the approval of the department chair and the registrar. A remediation plan stipulating the conditions for successful completion of student teaching and signed by the university supervisor, collaborating teacher, department chair/program coordinator, and candidate is required. If a candidate receives a grade of "W" and wishes to enroll in student teaching in a subsequent semester, the candidate must reapply for student teaching once the remediation plan is successfully completed and documented by the program area using the "Student Teacher Remediation Follow-up Report." If accepted to the program, the candidate must complete the entire student teaching semester experience.

WF – indicates that the student was permitted to withdraw from a course with the approval of the registrar after the withdrawal date listed in the Semester Schedule of Classes. If a candidate earns a grade of "WF", the conditions indicated under "U" below will apply.
S – indicates satisfactory completion of the student teaching experience.

U – indicates unsatisfactory completion of the student teaching experience. If a candidate earns a grade of "U", a remediation plan stipulating the conditions for successful completion of student teaching and signed by the university supervisor, collaborating teacher, department chair/program coordinator, and candidate is required. If a candidate receives a grade of "U" and wishes to enroll in student teaching in a subsequent semester, the candidate must reapply for student teaching once the remediation plan is successfully completed and documented by the program area using the "Student Teacher Remediation Follow-up Report." If accepted to the program, the candidate must complete the entire student teaching semester experience.

Withdrawals or Removals
In the event that a teacher candidate withdraws and/or is removed from a placement, the program area's Admissions and Academic Standing Committee will determine whether another attempt is warranted. If a second attempt is warrented, the program area's Admissions and Academic Standing Committee will determine an appropriate period of remediation and determine readiness for re-assignment at the completion of the designated remediation plan. In no case will a candidate be allowed more than two attempts at student teaching.

A formal appeal of a decision to deny admission or retention in student teaching or the teacher education program may be made to the Teacher Education Appeals Board. Instructions and forms for such appeals are available in the Office of the Dean of the Bagwell College of Education. An appeal must be based on exceptional and extenuating circumstances and/or other pertinent information not previously available or considered. A formal appeal must be submitted in writing to the Dean of the Bagwell College of Education within 30 days of being notified of admission or retention status. In all cases, the candidate may initiate an appeal after seeking resolution with the appropriate degree program's Admissions and Academic Standing Committee or department chair or both.

The Dean will transmit the appeal to the Teacher Education Appeals Board. The decision of the Teacher Education Appeals Board may be appealed in writing within 30 days to the Dean of the Bagwell College of Education. The decision of the Dean of the Bagwell College of Education is final.

Appeals of Admission & Retention Decisions

A formal appeal of a decision to deny admission or retention in student teaching or the teacher education program may be made to the Teacher Education Appeals Board. Instructions and forms for such appeals are available in the Office of the Dean of the Bagwell College of Education. An appeal must be based on exceptional and extenuating circumstances and/or other pertinent information not previously available or considered. A

formal appeal must be submitted in writing to the Dean of the Bagwell College of Education within 30 days of being notified of admission or retention status. In all cases, the candidate may initiate an appeal after seeking resolution with the appropriate degree program's Admissions and Academic Standing Committee or department chair or both.

The Dean will transmit the appeal to the Teacher Education Appeals Board. The decision of the Teacher Education Appeals Board may be appealed in writing within 30 days to the Dean of the Bagwell College of Education. The decision of the Dean of the Bagwell College of Education is final.

Program Completion and Graduation

A degree is granted by Kennesaw State University upon completion of all university and program requirements while meeting minimum requirements. Individuals completing a program in education that prepares teachers at the baccalaureate level, and petitioning KSU for a degree, are expected to have met the following requirements:

1. Grades of "C" or better in all Lower-Division Major Requirements (Area F) teaching field and professional education course work.
2. A 2.75 adjusted or cumulative GPA in all course work at Kennesaw State University.
3. Positive evaluations in field experiences.
4. Responsible professional behavior in all classes, field experiences, and interactions with peers and faculty.
5. Positive recommendation from the instructor(s) of Teaching of Specific Subject (TOSS) or Methods course.
6. Successful completion of student teaching while demonstrating the achievement of program and unit outcomes and proficiences through the following:
   - Entire semester of student teaching including eight to ten continuous weeks of full-time teaching (during one semester), unless otherwise stated by the program area.
   - Candidate Performance Instrument (CPI)
   - Portfolio Narrative
   - Impact on Student Learning Analysis Assignment
   - Program area criteria and requirements
   - End-of-semester student teaching surveys from school-based personnel
   - Posting of the degree is required for processing of state teacher certification paperwork.

Teacher Certification

degree programs in teacher education have been approved by the Professional Standards Commission, but their completion satisfies only one of the requirements for teacher certification in Georgia. Candidates completing an approved program will prepare the necessary paperwork for certification prior to Student Teaching. Candidates desiring certification in another state should contact the Department of Education in that state for specific requirements.

For Kennesaw State University to recommend a candidate for certification in the state of Georgia, candidates must have received a degree in their field of education with a GPA of at least 2.75 from Kennesaw State University, pass the GACE Basic examination or show proof of exemption (see below), pass the GACE Content test for that field, and submit a copy of the GACE Content score report for all passed examinations to the Certification Officer. The Certification Officer is responsible for verifying that all information is correct before any paperwork can be submitted to the Georgia Professional Standards Commission.

GACE Basic is a comprehensive test covering reading, writing, and mathematics. Regardless of matriculation date, GACE Basic is a requirement for entrance into the Teacher Education Program at Kennesaw State University. Candidates should plan to take the test prior to applying to the Teacher Education Program. Students with the following minimum scores on Collegiate SAT, ACT, or GRE examinations may exempt GACE I test by submitting proof of scores to the Certification Officer located in the William D. Impey Teacher Education Advisement Center:

SAT:	at least 1000 (Critical Reading and Mathematics)
ACT:	at least 43 (English and Mathematics
GRE:	at least 1030 (Verbal and Quantitative)

Candidates who believe they qualify for this exemption should see the Certification Officer in the William D. Impey Teacher Education Advisement Center, located in Education Student Services (ESS) to establish and record the exemption. The center can also provide further information concerning GACE Basic and GACE Content at (770) 423-6105.

Programs of Study

The following degree programs are offered through the collaborating colleges and departments of the PTEU:

Elementary and Early Childhood Education Teacher Certification Program

- Bachelor of Science in Early Childhood Education

Middle Grades Teacher Certification Program

- Bachelor of Science in Middle Grades Education

Secondary Teacher Certification Programs

- Bachelor of Science in Biology Education
- Bachelor of Science in English Education
- Bachelor of Science in Mathematics Education
- Bachelor of Science in Chemistry (Chemistry Education Track)
- Bachelor of Science in History Education

P-12 Teacher Education Certification Programs

- Bachelor of Science in Art Education
- Bachelor of Science in Health and Physical Education
- Bachelor of Music in Music Education
- Bachelor of Art in Modern Language and Culture (Teacher Certification in Foreign Language Education Concentration)

Endorsements

The following concurrent endorsement is offered through the collaborating colleges and departments of the PTEU

- Computer Science Endorsement (6-12)

Academic Departments

Elementary and Early Childhood Education (770) 423-6121

The foundation for learning and for subsequent academic success is laid during the formative stages. The faculty in this department specializes in the opportunities and challenges of early childhood education. The Department of Elementary and Early Childhood Education offers a program of study leading to the Bachelor of Science degree and broad-field certification in Early Childhood Education (pre-kindergarten to grade five) and a Bachelor of Science degree in Birth through Five Education (ages 0-5). The department also offers an M.Ed. in Early Childhood Education, an Education Specialist (Ed.S.) concentration and a concentration in the Ed.D. in Teacher Leadership for Learning. See the Graduate Catalog for more information. The department website is *www.kennesaw.edu/education/eece*

Secondary and Middle Grades Education (770) 423-6314

Early adolescence represents a period of great transition for young people. The faculty in this department specializes in the opportu-

nities and challenges of middle grades and secondary education. The Department of Secondary and Middle Grades Education offers a program of study leading to the Bachelor of Science degree and certification in middle grades education (4-8). The department also offers the M.Ed. in Adolescent Education, an Education Specialist (Ed.S.) concentration, concentrations in the Ed.D. in Teacher Leadership for Learning, a graduate add-on reading endorsement, and several MAT concentrations. See the Graduate Catalog for more information. The department website is ***www.kennesaw.edu/education/mge***.

Inclusive Education (770) 423-6577

There is a growing awareness that effective education must address the diverse and special needs of all students through instructional strategies of inclusion. The faculty in this department specialize in advanced programs for exceptional learners which are inclusive. The Department of Inclusive Education also offers the state-mandated special education course for most undergraduate education programs—INED 3304 Education of Exceptional Students. This course prepares teachers to identify students with diverse learning needs and to accommodate their needs in regular education programs in collaboration with parents, educators and other professionals. The department offers a graduate add-on endorsement in English to Speakers of Other Languages, two M.Ed. programs in Inclusive Education with concentrations in Special Education and TESOL. The department also offers an MAT in TESOL, a concentration in the Education Specialist (Ed.S.) degree, and a concentration in the Ed.D. in Teacher Leadership for Learning. See the Graduate Catalog for more information. The department website is ***www.kennesaw.edu/education/ined***.

The appropriate use of technology is a critical component of any P-12 educational experience and can help students reach high levels of learning. The faculty in the Department of Instructional Technology specialize in advancing the use of technology for teaching, learning, and leadership. The Department offers an M.Ed. in Instructional Technology, an Education Specialist (Ed.S.) concentration in Teacher Leadership for Learning, and a concentration in the Ed.D. in Teacher Leadership for Learning. See the graduate catalog for more information. The department website is ***education.kennesaw.edu/itec***.

Educational Leadership (770) 423-6888

The Department offers an M.Ed. in Educational Leadership, an endorsement in Education Leadership, a Technology Leadership concentration, and an Ethics & Multicultural concentration. See the graduate catalog for more information. The department website is ***www.kennesaw.edu/education/edleadership*** .

Major in Early Childhood Education, BS

Bagwell College of Education, Department of Elementary & Early Childhood Education
(770) 423-6121

This broad-field program is designed to prepare teachers of young children and leads to certification for pre-kindergarten to grade five in Georgia. The cross-disciplinary nature of the program's course requirements, with special emphasis on content studies in mathematics and reading, corresponds to the broad and integrated nature of teaching in the elementary grades and the fundamental importance of developing the reading and mathematical skills of young learners. The program provides candidates with an understanding of developmentally appropriate practices and an awareness of and sensitivity to cultural diversity and individual differences among young learners.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning
- MATH 2008 - Foundations of Numbers and Operations
- ISCI 2001 - Life and Earth Science
- ISCI 2002 - Physical Science

Upper Division Required Core Courses (27 Credit Hours)
- MUED 3340 - Music for Early and Middle Grades
- ARED 3309 - Visual Art for Early & Middle Grades
- MATH 3316 - Rational Numbers and Proportional Reasoning for Elementary Teachers
- MATH 3317 - Geometry and Measurement for Elementary Teachers
- MATH 3318 - Algebra for Elementary Teachers
- ECE 3320 - Teaching Reading in the Early Grades
- ECE 3330 - Teaching Reading in the Elementary Grades 3-5
- ECE 3340 - Diagnosis and Application of Literacy Instruction in the Early Childhood Classroom
- ECE 3350 - Child Development and Early Learning

Professional Education (P-5) Requirements (36 Credit Hours)
- EDUC 3302 - Curriculum and Assessment
- INED 3304 - Education of Exceptional Students
- ECE 3313 - The Preschool Curriculum
- ECE 4401 - Teaching Mathematics in Early Childhood Education
- ECE 4402 - Teaching Science in Early Childhood Education
- ECE 4403 - Teaching Social Studies in Early Childhood Education
- ECE 4404 - Teaching Reading & Language Arts Across the Curriculum in Early Childhood Education
- ECE 4406 - Teaching of Elementary Education Internship
- ECE 4473 - Student Teaching: Early Childhood (P-5)
- HPS 3670 - Early Childhood Health/Physical Education for the Classroom Teacher

Program Total (126 Credit Hours)

Major in Middle Grades Education, BS

Bagwell College of Education, Department of Secondary and Middle Grades Education
(770) 423-6314

The middle grades program is designed to prepare teachers of children and young adolescents in the middle grades (grades 4 through 8). It leads to 4-8 teacher certification in Georgia. Candidates prepare in two of the five teaching fields of the middle grades curriculum (mathematics, science, social studies, language arts, or reading). Preparation in the two teaching fields selected is more in-depth than the content requirements of the program for early childhood educators, but less extensive and less specialized than the requirements of programs for secondary educators. The integrated nature of the curriculum and the importance of team teaching strategies are emphasized.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Specific General Education recommendations for this major

Students whose content concentration area is Math or Science should take MATH 1112, College Trigonometry or MATH 1113, Pre-Calculus as part of their General Education requirement. All middle grades majors should take MATH 2207 Statistics.
Students should take:

- ANTH 2105 - Social Issues: Perspectives in Anthropology
  or
- PSYC 2105 - Social Issues: Perspectives in Psychology
  or
- SOCI 2105 - Social Issues: Perspectives in Sociology

- SCI 1101 - Science, Society, and the Environment I
- SCI 1102 - Science, Society and the Environment II

Lower Division Major Requirements (Area F) (18 Credit Hours)

(Must complete at least three hours of study in one of your chosen teaching field area and six hours of study in the other. Please see required courses under Teaching Field Requirements)

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning

Teaching Field Requirements (24-27 Credit Hours)

Must complete at least 15-18 hours of coursework in two of the following five teaching field concentrations with 9 hours of study at the 3000-level or above. Those majoring in science must take 18 hours of science courses due to labs.

1. Mathematics (15-18 Credit Hours)

Candidates should take MATH 1112 - College Trigonometry or MATH 1113 - Precalculus and MATH 2207 - Statistics as part of their General Education requirements.

- MATH 2595 - Mathematics for Middle Grades and Secondary Teachers
- MATH 1190 - Calculus I
- MATH 3390 - Introduction to Mathematical Systems
- MATH 3395 - Geometry
- MATH 3495 - Advanced Perspectives on School Mathematics Part I

Optional:
- MAED 3475 - Historical and Modern Approaches to Mathematics
- MATH 3332 - Probability and Statistical Inference

2. Science (18 Credit Hours)
Candidates should take MATH 1112 - College Trigonometry or MATH 1113 - Precalculus and MATH 2207 - Statistics as part of their General Education requirements. All science classes listed below are required.
- CHEM 1151L - Survey of Chemistry I Laboratory
- BIOL 2107 - Biological Principles I
- SCI 3360 - Earth Science
- PHYS 3310 - How and Why - The Physics in Everyday Life

- ASTR 3321 - Solar System Astronomy
  or
- ASTR 3320 - Astronomy and Cosmology

3. Social Studies (15-18 Credit Hours)
- GEOG 1101 - World Regional Geography
- HIST 2111 - America to 1890
- HIST 3304 - History of Georgia

Select two or three from the following (6-9 Credit Hours):
- HIST 2206 - Origins of Great Traditions
- HIST 2275 - Local History Research
- HIST 3305 - The World Since 1945
- HIST 3366 - History of Mexico and Central America
- HIST 3367 - History of Brazil
- HIST 3373 - Modern India and South Asia
- HIST 3374 - Modern China and Japan
- HIST 3382 - North Africa and the Middle East in Modern Times
- HIST 3391 - History of West Africa
- HIST 3392 - History of Southern, Eastern and Central Africa
- HIST 3393 - Emerging Themes in African History
- GEOG 3312 - Geography of Europe
- GEOG 3340 - Cultural Geography
- GEOG 3350 - Geography of Sub-Saharan Africa
- GEOG 3360 - Geography of Asia
- GEOG 3370 - Geography of Latin America and the Caribbean
- GEOG 3380 - Geography of North America

4. Language Arts (15-18 Credit Hours)
- ENGL 2271 - Presentation in the English/Language Arts Classroom
- ENGL 3310 - Principles of Writing Instruction
- ENGL 3390 - Great Works for Middle Grades Teachers

Select one or two from the following (3-6 Credit Hours):
- ENGL 2160 - American Literature Survey
- ENGL 2172 - British Literature, Beginnings to 1660
- ENGL 2174 - British Literature, 1660 to Present
- ENGL 3035 - Introduction to Language and Linguistics
- ENGL 3330 - Gender Studies
- ENGL 3340 - Ethnic Literatures
- ENGL 3350 - Regional Literature
- ENGL 3360 - Major African American Writers
- ENGL 3400 - Survey of African Literatures
- ENGL 3500 - Topics in African American Literature

5. Reading (15-18 hours)
Required:

- EDRD 3320 - Understanding the Reader and the Reading Process
- EDRD 3350 - Integrated Reading/Writing Instruction in the Middle Grades *
- EDRD 3360 - Introduction to New Literacies
- EDRD 4409 - Young Adult Literature: Cross-Curricular Approaches for Diverse Learners
- INED 4430 - Applied Linguistics and Adolescent Additional Language Literacy **

*Language Arts majors will substitute a Reading Elective for EDRD 3350 as they will be taking a 6-hour writing course in their language arts concentration.
**Middle grades education majors who plan to pursue certification in individualized general curriculum/special education will be encouraged to take EDRD 4420 as a substitute for INED 4430.

Electives:

- EDRD 4411 - Reading Diagnostics for Teachers of Adolescents
- EDRD 4420 - Teaching Adolescents with Disabilities in Literacy

Professional Education (4-8) Requirements (36 Credit Hours)

(Must be admitted to Teacher Education Program before taking these courses)

- EDMG 3300 - Success in the Middle: Adolescent Development and Middle School Advocacy
- EDRD 3330 - Methods and Materials for Middle Grades Content Area Reading and Writing
- EDMG 3350 - Middle Level Curriculum, Instruction, and Assessment
- EDMG 4406 - Methods and Management in the Middle Grades: Field Experience
- EDMG 4407 - Classroom Management in the Middle Grades *
- INED 3304 - Education of Exceptional Students

EDMG 4406 is blocked with two 3-hour courses corresponding to your selected areas of Teaching Field Concentration:

- EDMG 4401 - Teaching Mathematics in Middle Grades
- EDMG 4402 - Teaching Science in Middle Grades
- EDMG 4403 - Teaching Social Studies in Middle Grades
- EDMG 4404 - Teaching Language Arts in Middle Grades
- EDMG 4475 - Student Teaching in Middle Grades

Reading Option

The following elective course is recommended for all middle grades majors and has been developed in response to identified needs of schools and teacher candidates. This reading course introduces reading assessment techniques to strengthen teacher candidates' understanding of the learning and teaching of reading.

- EDRD 4411 - Reading Diagnostics for Teachers of Adolescents

Program Total (123-128 Credit Hours)

Major in Birth through Five Education, B.S.

Bagwell College of Education
Department of Elementary and Early Childhood Education
(770) 423-6121

Graduates of the Birth through Five Education program will be prepared to provide instruction to very young children with and without special learning needs. Graduates will also be familiar with global perspectives on early learning and teaching. The program addresses the needs of the whole child based on national and state standards. Teacher candidates in the program will be placed in diverse field settings that will focus on (1) developmentally appropriate best practices, (2) current research on the development of infant, toddler, and young children, (3) families and communities in a global setting, (4) English Language Learners, and (5) children with special learning needs.

Montessori Concentration

The Montessori Concentration of the Bachelor of Science in Early Childhood Education, Birth through Five program is designed to prepare early childhood professionals to work effectively with infants, toddlers and children from three to five years of age. This program prepares graduates to qualify for the Professional Standards Commission's (PSC) Birth through Five teaching certificate. This program is designed to meet or exceed the standards set by five national and international professional accrediting organizations. Candidates will understand and learn to implement developmentally appropriate best practices with young children. Candidates will develop sensitivity to cultural and linguistic diversity and will learn to respond appropriately to the individual needs and differences of all children, including those that experience atypical development. Candidates who complete this program will also be recommended for Montessori certification through the Pan American Montessori Society (PAMS). More information may be located at ***www.panamericanmontessorisociety.com***

General Education (45 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning
- ISCI 2001 - Life and Earth Science
- ISCI 2002 - Physical Science
- MATH 2008 - Foundations of Numbers and Operations

Upper Division Major Requirements (60 Credit Hours)

- ECE 2205 - Organization and Administration of Early Childhood Programs
- ECE 3313 - The Preschool Curriculum
- ECE 3350 - Child Development and Early Learning
- ECE 3364 - Children's Literature
- ECE 3510 - Fostering Young Children's Learning Through Play
- ECE 3520 - Curriculum and Assessment for Children Birth through Three Years of Age
- ECE 3530 - Developmental Aspects of Movement and Physical Domain
- ECE 3540 - Health, Wellness, and the Young Child
- ECE 3560 - Instructing Young Children through Art, Music, and the Aesthetic Domain

- ECE 3590 - Families, Schools, and Communities: Partners in Education
- ECE 4473 - Student Teaching: Early Childhood (P-5)
- ECE 4515 - Methods and Development of Language and Literacy
- ECE 4525 - Methods of Nurturing Second Language Acquisition
- ECE 4535 - Methods of Working with B-5 Children with Disabilities and Early Identification of Children with Special Needs
- ECE 4545 - Methods of Discovery and Exploration of Scientific and Mathematical Concepts
- INED 3304 - Education of Exceptional Students

Program Total (123 Credit Hours)

Montessori Concentration

General Education (45 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning
- ISCI 2001 - Life and Earth Science
- ISCI 2002 - Physical Science
- MATH 2008 - Foundations of Numbers and Operations

Upper Division Major Requirements (27 Credit Hours)
- ECE 3405 - A Conceptual Framework for the Montessori System of Education
- ECE 3410 - Human Reproduction, Perinatal Development, Health, Safety, and Nutrition
- ECE 3415 - Infants: Stages of Growth and Development & Developmentally Appropriate Care and Activities
- ECE 3435 - Toddlers: Stages of Growth and Development & Developmentally Appropriate Care and Activities
- ECE 3590 - Families, Schools, and Communities: Partners in Education
- ECE 4305 - Motor Development and Refined Control of Movement
- ECE 4315 - Sensorial Development
- ECE 4335 - Acquisition of Language and Literacy Skills in One or More Languages

Professional Education Requirements (33 Credit Hours)
- ECE 2205 - Organization and Administration of Early Childhood Programs
- ECE 3420 - Observation and Supervised Practice Teaching - Infants
- ECE 3445 - Observation and Supervised Practice Teaching - Toddlers
- ECE 4320 - Observation and Supervised Practice Teaching - Early Childhood I
- ECE 4336 - The Competent Manufacture and Presentation of Language Materials
- ECE 4345 - Preparing the Mathematical Mind of the Young Child
- ECE 4355 - Observation and Supervised Practice Teaching - Early Childhood II
- INED 3304 - Education of Exceptional Students

Program Total (126 Credit Hours with KSU 1101)

Major in Biology Education, BS

Leading to Certification for Grades 6-12
College of Science and Mathematics, Department of Biology and Physics
(770) 423-6158

This single field program is designed to prepare biology teachers of adolescents, largely at the secondary school level (grades 6 through 12). It leads to 6-12 teacher certification in the teaching field of biology in Georgia. Candidates complete the equivalent of a major in biology and a second major in pedagogical studies with an emphasis on teaching science.

The B.S. in Secondary Biology Education is fully accredited by NCATE, National Council for Accreditation of Teacher Education, is fully approved by Georgia's Professional Standards Commission for 6-12 teacher certification, and is nationally recognized by NSTA, the National Science Teachers Association.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Specific General Education requirements for this major:

- MATH 1113 - Precalculus
- MATH 1190 - Calculus I
- CHEM 1211 - General Chemistry I
- CHEM 1211L - General Chemistry I Laboratory
- CHEM 1212 - General Chemistry II
- CHEM 1212L - General Chemistry II Laboratory

Lower Division Major Requirements (Area F) (18 Credit Hours)

- Lab/math credit from General Education (2 Credit Hours)
- BIOL 2107 - Biological Principles I
- BIOL 2108 - Biological Principles II

- PHYS 1111 - Introductory Physics I
  or
- PHYS 2211 - Principles of Physics I

- PHYS 1112 - Introductory Physics II
  or
- PHYS 2212 - Principles of Physics II

Teaching Field Requirements (30 Credit Hours)

- BIOL 3300 - Genetics

- BIOL 3320 - Plant Morphology
  or
- BIOL 4422 - Plant Ecology

- BIOL 3370 - Ecology
- BIOL 3380 - Evolutionary Biology
- BIOL 3340 - Microbiology

Choose one of the following (4 Credit Hours):
- BIOL 3310 - Invertebrate Zoology
- BIOL 3315 - Vertebrate Zoology

Choose one of the following (4 Credit Hours):
- BIOL 4350 - Comparative Vertebrate Anatomy
- BIOL 3390 - Developmental Biology
- BIOL 4400 - Directed Study
- BIOL 4431 - Human Physiology

Statistics Requirement (3 Credit Hours)
- STAT 3125 - Biostatistics

Professional Education (6-12) Requirements (33 Credit Hours)
- BED 4416 - Teaching Biology (6-12)
- BED 4417 - Teaching Biology (6-12) Practicum
- BED 4475 - Student Teaching Biology (6-12)
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning
- INED 3304 - Education of Exceptional Students

Program Total (126 Credit Hours)

Major in Chemistry (track in Chemistry Education), BS

Leading to Certification for Grades 6-12
College of Science and Mathematics,
Department of Chemistry and Biochemistry
(770) 423-6159

This track under the B.S. in Chemistry program is designed to prepare chemistry teachers of adolescents, largely at the secondary school level (grades 6 through 12). It leads to 6-12 teacher certification in the teaching field of chemistry in Georgia. Candidates complete the equivalent of a major in chemistry and a second major in pedagogical studies with an emphasis on teaching science. See a chemistry advisor for double major information (SC 409).

Major in English Education, BS

Leading to Certification for Grades 6-12
College of Humanities and Social Sciences,
Department of English
(770) 423-6297

This single field program is designed to prepare English teachers of adolescents, largely at the secondary school level (grades 6 through 12). It leads to 6-12 teacher certification in the teaching field of English/Language Arts in Georgia. Candidates complete the equivalent of a major in English/Language Arts and a second major in pedagogical studies with an emphasis on teaching English/Language Arts.

The English Education program aims to prepare teachers who have a broad, rich knowledge of the discipline of English (including courses in British, American, and world literature, language theory, and writing) and who enact an integrated, reflective, and theoretically informed pedagogy for English/Language Arts.

This program is fully accredited by NCATE (National Council for Accreditation of Teacher Education), is nationally recognized by NCTE, (National Council of Teachers of English), and is fully approved by Georgia's Professional Standards Commission for teacher certification.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2130 - Exploring Teaching and Learning
- ENGL 2145 - Introduction to English Studies
- ENGL 2160 - American Literature Survey
- ENGL 2172 - British Literature, Beginnings to 1660
- ENGL 2174 - British Literature, 1660 to Present

Required Teaching Field Courses (30 Credit Hours)

- ENGL 2271 - Presentation in the English/Language Arts Classroom
- ENGL 3035 - Introduction to Language and Linguistics
- ENGL 3310 - Principles of Writing Instruction
- ENGL 3241 - Technology and Digital Media in English/Language Arts
- ENGL 4340 - Shakespeare

Other Teaching Field Requirements

Studies in 19th-Century Literature (choose one) (3 Credit Hours)

- ENGL 4460 - 19th-Century American Literature
- ENGL 4470 - 19th-Century British Literature
- ENGL 4480 - 19th-Century World Literature

Studies in 20th-Century Literature (choose one) (3 Credit Hours)

- ENGL 4560 - 20th-Century American Literature
- ENGL 4570 - 20th-Century British Literature
- ENGL 4580 - 20th-Century World Literature

Cultural Studies of Literature (choose one) (3 Credit Hours)

- AMST 3700 - Principles and Methods of American Studies
- AMST 3710 - U.S. in the World
- AMST 3740 - American Popular Culture
- AMST 3750 - Place in American Culture
- AMST 3760 - American Identities
- AMST 3770 - American Cultural Productions
- AMST 3780 - American Cultural Movements
- ENGL 3320 - Scriptural Literature
- ENGL 3322 - Hebrew Scriptures of the Bible as Literature
- ENGL 3324 - New Testament of the Bible as Literature
- ENGL 3330 - Gender Studies

- ENGL 3340 - Ethnic Literatures
- ENGL 3350 - Regional Literature
- ENGL 3360 - Major African American Writers
- ENGL 3400 - Survey of African Literatures
- ENGL 3500 - Topics in African American Literature
- ENGL 3600 - Topics in African Diaspora Literatures
- ENGL 4401 - Topics in African Literatures

Theory (3 Credit Hours)

- ENGL 3391 - Teaching Literature to Adolescents

Professional Education (6-12) Requirements (30 Credit Hours)

- INED 3304 - Education of Exceptional Students
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDRD 4409 - Young Adult Literature: Cross-Curricular Approaches for Diverse Learners
- ENED 4414 - Teaching of English/Language Arts
- ENED 4415 - Teaching of English/Language Arts (6-12) Internship

- ENED 4475 - Student Teaching: English (6-12)
  or
- ENED 4498 - Internship in Teaching English (for provisional teachers only)

Program Total (123 Credit Hours)

Major in History Education, BS

Leading to Certification for Grades 6-12
College of Humanities and Social Sciences,
Department of History & Philosophy
(770) 423-6294

This program is designed to prepare teachers of adolescents, largely at the secondary school level. It leads to 6-12 teacher certification in the teaching field of history in Georgia. Candidates complete the equivalent of a major in history and a second major in pedagogical studies. Candidates concentrate in history as this is the principal social science discipline in the secondary education curriculum and take additional course work in several other social science disciplines as part of their cross-disciplinary teaching field preparation.

The B.S. in History Education is fully accredited by the National Council for Accreditation of Teacher Education (NCATE), is fully approved by Georgia's Professional Standards Commission for teacher certification, and is nationally recognized by the National Council for the Social Studies (NCSS).

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- GEOG 1101 - World Regional Geography
- HIST 2111 - America to 1890
- HIST 2206 - Origins of Great Traditions
- HIST 2271 - Introduction to the History Profession

Teaching Field Requirements (36 Credit Hours)

(Courses to be chosen with advisor):

American History (choose two) (6 Credit Hours)

- HIST 3310 - The Old South
- HIST 3311 - The New South
- HIST 3315 - The History of the American West
- HIST 3321 - Diplomatic History of the United States
- HIST 3331 - History of Religion in U.S.
- HIST 3332 - U.S. Social and Cultural History
- HIST 3333 - African American History to 1865
- HIST 3335 - African American History, 1865 to Present
- HIST 3340 - U.S. Military Experience
- HIST 3341 - Women in U.S. History and Culture
- HIST 3345 - Business & Economic History of United States
- HIST 4410 - Colonial America to 1763
- HIST 4411 - The American Revolution
- HIST 4412 - The Early Republic
- HIST 4415 - Jacksonian America
- HIST 4451 - Civil War and Reconstruction
- HIST 4461 - Gilded Age & Progressive Era
- HIST 4471 - Recent United States History
- HIST 4490 - Special Topics in History (as appropriate)

European History (choose one) (3 Credit Hours)

- HIST 3307 - Introduction to European Union
- HIST 3337 - Greek and Roman History
- HIST 3342 - The Holocaust
- HIST 3350 - England to 1688
- HIST 3351 - Modern England
- HIST 3360 - Russian Empire to 1917
- HIST 3377 - History of Science
- HIST 4440 - Medieval Europe
- HIST 4444 - Renaissance and Reformation Europe
- HIST 4445 - Age of Enlightenment
- HIST 4454 - Twentieth Century Europe
- HIST 4455 - Twentieth Century Russia
- HIST 4456 - World War II
- HIST 4490 - Special Topics in History (as appropriate)

Non-Western World Studies (choose two) (6 Credit Hours)

- HIST 3334 - The Africans in the Diaspora
- HIST 3357 - Africans in Asia
- HIST 3358 - Africans in Latin America and the Caribbean
- HIST 3366 - History of Mexico and Central America
- HIST 3367 - History of Brazil
- HIST 3372 - Ancient to Pre-Modern China
- HIST 3373 - Modern India and South Asia

- HIST 3374 - Modern China and Japan
- HIST 3382 - North Africa and the Middle East in Modern Times
- HIST 3391 - History of West Africa
- HIST 3392 - History of Southern, Eastern and Central Africa
- HIST 4475 - War and Revolution in Southeast Asia
- HIST 3393 - Emerging Themes in African History
- HIST 4490 - Special Topics in History (as appropriate)

Specifically-Required History Courses (9 Credit Hours)

- HIST 3304 - History of Georgia
- HIST 3305 - The World Since 1945
- HIST 4488 - Approaches to World History

Political Science (3 Credit Hours)

- POLS 3300 - U.S. Constitution and Courts

Economics (3 Credit Hours)

- ECON 2100 - Principles of Microeconomics

Geography (choose two) (6 Credit Hours)

- GEOG 3300 - Urban Geography
- GEOG 3310 - Historical Geography
- GEOG 3312 - Geography of Europe
- GEOG 3320 - Political Geography
- GEOG 3330 - Economic Geography
- GEOG 3340 - Cultural Geography
- GEOG 3350 - Geography of Sub-Saharan Africa
- GEOG 3360 - Geography of Asia
- GEOG 3370 - Geography of Latin America and the Caribbean
- GEOG 3380 - Geography of North America
- GEOG 3700 - Introduction to Environmental Studies
- GEOG 4490 - Special Topics in Geography (as appropriate)

Professional Education (6-12) Requirements (27 Credit Hours)

Must be admitted to Teacher Education before taking these courses

- EDUC 2130 - Exploring Teaching and Learning
- INED 3304 - Education of Exceptional Students
- HIED 4413 - Teaching of Social Sciences (6-12)
- HIED 4414 - Teaching of Social Sciences Practicum

Must be Admitted to Student Teaching before enrollment

- HIED 4475 - Student Teaching: Social Sciences (6-12)

Program Total (126 Credit Hours)

Major in Mathematics Education, BS

Leading to Certification for Grades 6-12
College of Science & Mathematics,
Department of Mathematics and Statistics
(770) 423-6327

This program is designed to prepare mathematics teachers of adolescents, at the middle or high school level (grades 6 through 12). It leads to 6-12 teacher certification in the teaching of mathematics in Georgia.

The B.S. in Mathematics Education Secondary is fully accredited by the National Council for Accreditation of Teacher Education (NCATE), is fully approved by Georgia's Professional Standards Commission for 6-12 teacher certification, and is nationally recognized by the National Council of Teachers of Mathematics (NCTM).

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Specific General Education requirements for this major
- MATH 1113 - Precalculus
- MATH 1190 - Calculus I

Lower Division Major Requirements (Area F) (18 Credit Hours)
The additional hour for the Lower Division Major equirements comesfrom Calculus I (a 4-hour course) in General Education.
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2130 - Exploring Teaching and Learning
- MATH 2202 - Calculus II
- MATH 2203 - Calculus III
- CS 2301 - Programming Principles I

Teaching Field Requirements (27 Credit Hours)
- MATH 2595 - Mathematics for Middle Grades and Secondary Teachers
- MATH 3260 - Linear Algebra I
- MATH 3322 - Discrete Modeling I
- MATH 3332 - Probability and Statistical Inference
- MATH 3390 - Introduction to Mathematical Systems
- MATH 3395 - Geometry
- MATH 4361 - Modern Algebra I
- MATH 3495 - Advanced Perspectives on School Mathematics Part I
- MATH 4495 - Advanced Perspectives on School Mathematics Part II

Professional Education (6-12) Requirements (30 Credit Hours)
(Must be formally admitted to the Teacher Education program before taking these courses–except EDUC 2120)
- • INED 3304 - Education of Exceptional Students
- • EDUC 2120 - Sociocultural Influences on Teaching and Learning
- • MAED 3475 - Historical and Modern Approaches to Mathematics
- MAED 4416 - Teaching of Mathematics (6-12)

- MAED 4417 - Teaching of Mathematics (6-12) Practicum
- MAED 4475 - Student Teaching: Mathematics (6-12)

Free Electives (3 Credit Hours)
Any courses in the university curriculum.

Program Total (123 Credit Hours)

Endorsement in Computer Science Education

College of Science and Mathematics, Department of Computer Science and Information Systems 770-423-6005

This endorsement program is intended to prepare computer science teachers of adolescents, largely at the secondary school level (grades 6 through 12). It leads to teacher certification in the teaching field of computer science in Georgia. As an endorsement, the teaching candidate must already have or simultaneously obtain a teaching certification in another field. This program of study is fully approved by Georgia's Professional Standards Commission for 6-12 teacher certification.

Advising
Students who are interested in this program should seek advising as early as possible. Additional advising will be provided upon entry to the pedagogical course CSED 4416. This advising will help students coordinate their courses in this program with the courses in their primary program. It will also help in scheduling student teaching at an appropriate school.

Teaching Field Requirements (11 Credit Hours)
- CS 2301 - Programming Principles I
- CS 2302 - Programming Principles II

Professional Education (6-12) (4 Credit Hours)
- CSED 4416 - Teaching of Computer Science
- CSED 4417 - Computer Science Teaching Practicum

Program Total (15 Credit Hours)

P-12 PROGRAMS

Major in Art Education, BS

Leading to Certification for Grades P-12
College of the Arts, Department of Visual Arts
(770) 423-6139
http://www.kennesaw.edu/visual_arts/

This single field program is designed to prepare art teachers at all grade levels (pre-kindergarten through grade 12). It leads to P-12 teacher certification in the teaching field of art in Georgia. Candidates complete the equivalent of a major in art and a second major in pedagogical studies with an emphasis on teaching art. The program is based on the Comprehensive Arts Education and the curriculum in the teaching field includes study in studio, art history, aesthetics and art criticism.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- ART 1100 - Two-Dimensional Design and Color Theory
- ART 1150 - Drawing I
- ART 1200 - Three-Dimensional Design
- ART 2150 - Drawing II
- ART 2550 - Computer Applications in Art
- ART 2990 - Professional Practices and Portfolio Preparation

Teaching Field Requirements (9 Credit Hours)[1]

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning

Upper Division Major Requirements (29 Credit Hours)[2]

- ART 3120 - Ceramics I
- ARED 3155 - Art Education Life Drawing
- ART 3160 - Painting I
- ART 3300 - Sculpture I
- ART 3400 - Photography I
- ART 3500 - Printmaking I

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1 Art education majors are required to apply for admission into the Teacher Education Program after taking EDUC 2110. Deadlines for Teacher Education Admissions are September 15, February 15, and April 15. Please refer to the TEAC Web site for further information and forms. Please see the Art Education Program Coordinator in the Department of Visual Arts for additional information.

2 The upper level studio courses are basic requirements. Art education students may elect to take additional course work in specific studio areas such as drawing, painting, photography, printmaking, ceramics, sculpture, and graphic communications. Additional studio work is highly recommended for students planning to do graduate study.

Art History
(Both required by all art education majors for a total of 6 credit hours)
- ARH 2750 - Ancient through Medieval Art
- ARH 2850 - Renaissance through Modern Art
- ARH 3850 - Art Since 1900

Senior Exhibition
Required for all Art Education Majors for graduation.
- ART 4990 - Senior Art Seminar and Exhibition[3]

Professional Education (P-12) Requirements (30 Credit Hours)
- ARED 3302 - Teaching, Learning and Development in Visual Arts
- ARED 3304 - Teaching Art History, Criticism and Aesthetics
- ARED 3308 - Special Populations in Art Education
- ARED 3306 - Materials, Methods and Management for Teaching Art (P-12)
- ARED 4410 - Intercultural Curriculum Model
- ARED 4425 - Teaching of Art: Practicum[4]
- ARED 4470 - Student Teaching[5]

Program Total (131 Credit Hours)

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3 The senior seminar and exhibition must be arranged at least two semesters in advance. Contact the Art Gallery Office for specific details and for an application.
4Deadlines for ARED 4425 field experience: for Fall, the previous March 15; for Spring, the previous August 30.
5 Admission to Teacher Education must be completed and student must have a 2.75 GPA in order to take ARED 4470. Deadlines for ARED 4470 field experience: for Fall, the previous January 30; for Spring, the previous August 30.

Major in Modern Language and Culture, BA
(Teacher Certification in Foreign Language Concentration)

College of Humanities and Social Sciences, Department of Foreign Languages (770) 423-6366

The Teacher Certification in Foreign Language concentration under the BA in Modern Language and Culture program is designed to prepare Foreign Language Education teachers at all grade levels (pre-kindergarten through grade 12). It leads to P-12 teacher certification in the teaching field of French, German, or Spanish in Georgia. Candidates complete a major in Modern Language and Culture (primary language: French, German, or Spanish) and the equivalent of a second major in pedagogical studies with an emphasis on teaching a foreign language.

For specific concentration and full major requirements, see College of Humanities and Social Sciences, Major in Modern Language and Culture.

The specific requirements for admision, retention, degree completion, and teacher certification in this degree program are listed with all other teacher education programs.

Teaching Field Requirements (21 Credit Hours)

HPS Core

- HPS 3100 - Sociological and Psychological Aspects of HPS
- HPS 3200 - Motor Learning
- HPS 3250 - Family Health and Sexuality
- HPS 3300 - Personal Health Behavior
- HPS 3600 - School Health Issues
- HPS 3800 - Biomechanics
- HPS 4300 - Physiology of Exercise

HPS Professional Skills (9 Credit Hours)

Required:

- HPS 1160 - Rhythmic Activities for Children (P-5)
- HPS 1170 - Folk/Square/Social Dance
- HPS 1290 - Stunts & Tumbling/Gymnastics
- HPS 1550 - Developmental Movement Experiences
- HPS 1810 - Outdoor Recreation and Education

Choose four from the following:

- HPS 1050 - Archery/Badminton
- HPS 1070 - Basketball/Softball
- HPS 1190 - Soccer/Team Handball
- HPS 1210 - Golf

- HPS 1350 - Swimming: Lifeguard Training
  or
- HPS 1830 - Swimming: Water Safety Instructor

- HPS 1390 - Tennis
- HPS 1430 - Volleyball
- HPS 1850 - Advanced Strength/Aerobic Training

Professional Education (P-12) Requirements (32 Credit Hours)

- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- HPS 3450 - Curriculum, Instruction & Management for Early Childhood Physical Education
- HPS 3550 - Curriculum, Instruction and Management for Middle Grade and Secondary Physical Education
- HPS 3650 - Curriculum, Methods and Materials in Health Education
- HPS 3750 - Adapted Physical Education
- HPS 4250 - Measurement and Evaluation
- HPS 4410 - Practicum in Children's Health and Physical Education
- HPS 4850 - Student Teaching in Health and Physical Education (P-12)

Program Total (125 Credit Hours)

Major in Health and Physical Education, BS

Leading to Certification for Grades P-12
WellStar College of Health and Human Services,
Department of Health, Physical Education & Sport Science
(770) 423-6216

The B.S. in Health & Physical Education is fully accredited by NCATE, National Council for Accreditation of Teacher Education, fully approved by Georgia's Professional Standards Commission for P-12 teacher certification, and nationally recognized by NASPE, the National Association for Sport & Physical Education.

This single field program is designed to prepare health and physical education teachers at all grade levels (pre-kindergarten through grade 12). Candidates complete the equivalent of a major in health and physical education and a second major in pedagogical studies with an emphasis on teaching health and physical education.

Teacher preparation students in addition to applying for Admission to Teacher Education and Student Teaching must demonstrate eligibility for practicum courses (HPS 4410 and 4430). This process is a part of the Department's periodic assessment of the teacher preparation students. Practicum forms, a detailed description of the eligibility requirements and submission deadlines are available from the departmental office (CC 3003).

Transfer Students:
To ensure HPE candidates meet the standards required by the Professional Teacher Education Unit (PTEU), National Association of Sport and Physical Education (NASPE), and the Georgia Professional Standards Commission (PSC), all transfer students will be required to take all courses in the Professional Education sequence (HPS 3450, HPS 3550, HPS 3650, HPS 3750, HPS 4250, HPS 4410, 4430 and HPS 4850) at Kennesaw State University. Exceptions will be made only for those who took a course that in the past was considered a substitution for one of the Professional Education courses and can document their compliance with these standards through portfolio presentations of their work.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

General Education requirements for this major
- MATH 1107 - Elementary Statistics

Lower Division Major Requirements (Area F) (18 Credit Hours)
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2130 - Exploring Teaching and Learning
- HPS 2000 - Contemporary and Historical Perspectives of Health and Physical Education
- BIOL 2221 - Human Anatomy & Physiology I
- BIOL 2222 - Human Anatomy & Physiology II
- HPS 2300 - First Aid/CPR Instructor Training

Major in Music Education, BS

Leading to Certification for Grades P-12
College of the Arts, School of Music
(770) 423-6151
http://www.kennesaw.edu/music/

This single field program is designed to prepare music teachers at all grade levels (pre-kindergarten through grade 12). It leads to P-12 teacher certification in the teaching field of music in Georgia. Candidates complete the equivalent of a major in music and a second major in pedagogical studies with an emphasis on teaching music. Students audition for placement into one of three music education concentrations (General Music, Choral, and Instrumental). The Music Education degree is offered with applied instruction in piano, voice, flute, oboe, clarinet, bassoon, saxophone, trumpet, horn, trombone, euphonium, tuba, percussion, guitar, violin, viola, cello, double bass, and harp.

School requirements for all music majors are extensive. See the Music Degree Requirements as listed under the College of the Arts section of this catalog for more detail about admission auditions and general requirements.

General Education (42 Credit Hours)

see listing of requirements

Specific General Education requirements for this major

- MUSI 1107 - Arts in Society: Music (World Music section)

Graduation Requirement

Students will be required to pass with a satisfactory grade (S) six semesters of MUAP 1101: Audience Participation, to be eligible to graduate. They must be enrolled every semester in this course until the requirement is accomplished.

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- MUAP 1111 - Applied Lessons
- MUAP 1112 - Applied Lessons
- MUSI 1111 - Aural Skills I
- MUSI 1112 - Aural Skills II
- MUSI 1121 - Music Theory I
- MUSI 1122 - Music Theory II
- MUAP 2211 - Applied Lessons
- MUAP 2212 - Applied Lessons
- MUSI 1143 - Jazz Ensemble*
  or
- MUSI 1144 - University Philharmonic Orchestra*
  or
- MUSI 1145 - Concert Band*
  or
- MUSI 1146 - Chamber Singers 1**
  or
- MUSI 1147 - Wind Ensemble*
  or
- MUSI 1148 - Symphony Orchestra*
  or
- MUSI 1149 - Chorale 1**

- MUSI 1165 - Class Piano I ***
- MUSI 1166 - Class Piano II ***

*Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course four times (MUSI 1143-MUSI 1149). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.
**All choral and general music education majors must take a minimum of four semesters in a large choral ensemble.
***Pianists will substitute MUSI 2111 and MUSI 2112 (Aural Skills III and Aural Skills IV) for MUSI 1165 and MUSI 1166.

Teaching Field Requirements (36 Credit Hours)

Students will be admitted into one of the following concentrations pending a successful School of Music audition.

General Music Concentration (for vocalists)

- MUAP 3311 - Applied Lessons
- MUAP 3312 - Applied Lessons
- MUAP 4411 - Applied Lessons*
- MUSI 2111 - Aural Skills III
- MUSI 2112 - Aural Skills IV
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3165 - Class Piano III
- MUSI 3166 - Class Piano IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3334 - Italian and English Diction

- MUSI 3343 - Jazz Ensemble**
  or
- MUSI 3344 - University Philharmonic Orchestra**
  or
- MUSI 3345 - Concert Band**
  or
- MUSI 3346 - Chamber Singers**
  or
- MUSI 3347 - Wind Ensemble*
  or
- MUSI 3348 - Symphony Orchestra**
  or
- MUSI 3349 - Chorale**

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles***
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing

- MUED 3351 - String Techniques Class I
- MUED 3353 - Guitar Techniques Class
- MUED 3357 - Percussion Techniques Class
- MUED 3371 - Brass/Woodwind Techniques

*Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
**Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. General music education majors must take a minimum of four semesters in a large choral ensemble.
***Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

General Music Concentration (for pianists)

- MUAP 3311 - Applied Lessons (2 semesters: one each in piano and voice)
- MUAP 3312 - Applied Lessons (2 semesters: one each in piano and voice)
- MUAP 4411 - Applied Lessons (2 semesters: one each in piano with recital required and voice)*
- MUAP 4412 - Applied Lessons (1 semester: voice only)
- MUSI 2111 - Aural Skills III**
- MUSI 2112 - Aural Skills IV**
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3311 - History of Music*
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3333 - Accompanying
- MUSI 3334 - Italian and English Diction

- MUSI 3343 - Jazz Ensemble***
  or
- MUSI 3344 - University Philharmonic Orchestra***
  or
- MUSI 3345 - Concert Band***
  or
- MUSI 3346 - Chamber Singers***
  or
- MUSI 3347 - Wind Ensemble***
  or
- MUSI 3348 - Symphony Orchestra***
  or
- MUSI 3349 - Chorale***

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles****
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing

- MUED 3355 - Voice Techniques Class
- MUED 3357 - Percussion Techniques Class

- MUED 3353 - Guitar Techniques Class
  or
- MUED 3371 - Brass/Woodwind Techniques
  or
- MUED 3372 - Strings/Guitar Techniques

*Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
**Pianists in the General Music Concentration will count MUSI 2111: Aural Skills III and MUSI 2112: Aural Skills IV as Area F credits.
***Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. General music education majors must take a minimum of four semesters in a large choral ensemble.
****Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

General Music Concentration (for all other instruments)

- MUAP 3311 - Applied Lessons (2 semesters: one each of your primary instrument and voice)
- MUAP 3312 - Applied Lessons (2 semesters: one each of your primary instrument and voice)
- MUAP 4411 - Applied Lessons (2 semesters: one each of your primary instrument with recital and voice)*
- MUSI 2111 - Aural Skills III
- MUSI 2112 - Aural Skills IV
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3165 - Class Piano III
- MUSI 3166 - Class Piano IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3343 - Jazz Ensemble**
  or
- MUSI 3344 - University Philharmonic Orchestra**
  or
- MUSI 3345 - Concert Band**
  or
- MUSI 3346 - Chamber Singers**
  or
- MUSI 3347 - Wind Ensemble**
  or
- MUSI 3348 - Symphony Orchestra**
  or
- MUSI 3349 - Chorale**

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles***
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing
- MUED 3357 - Percussion Techniques Class

- MUED 3353 - Guitar Techniques Class
  or
- MUED 3371 - Brass/Woodwind Techniques
  or
- MUED 3372 - Strings/Guitar Techniques

* Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. General music education majors must take a minimum of four semesters in a large choral ensemble.
*** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Choral Concentration (for pianists)

- MUAP 3311 - Applied Lessons (2 semesters: one each of piano and voice)
- MUAP 3312 - Applied Lessons (2 semesters: one each of piano and voice)
- MUAP 4411 - Applied Lessons (2 semesters: one each of piano with recital required and voice)*
- MUAP 4412 - Applied Lessons (1 semester: voice only)
- MUSI 2111 - Aural Skills III**
- MUSI 2112 - Aural Skills IV**
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3333 - Accompanying
- MUSI 3334 - Italian and English Diction
- MUSI 3335 - German and French Diction

- MUSI 3343 - Jazz Ensemble***
  or
- MUSI 3344 - University Philharmonic Orchestra***
  or
- MUSI 3345 - Concert Band***
  or
- MUSI 3346 - Chamber Singers***
  or
- MUSI 3347 - Wind Ensemble***
  or

- MUSI 3348 - Symphony Orchestra***
  or
- MUSI 3349 - Chorale***

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles****
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing
- MUED 3357 - Percussion Techniques Class

- MUED 3353 - Guitar Techniques Class
  or
- MUED 3371 - Brass/Woodwind Techniques
  or
- MUED 3372 - Strings/Guitar Techniques

* Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
** Pianists in the Choral Concentration will count MUSI 2111: Aural Skills III and MUSI 2112: Aural Skills IV as Area F credits.
*** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. Choral music education majors must take a minimum of four semesters in a large choral ensemble.
**** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Choral Concentration (for vocalists and all other instruments)

- MUAP 3311 - Applied Lessons
- MUAP 3312 - Applied Lessons
- MUAP 4411 - Applied Lessons*
- MUSI 2111 - Aural Skills III
- MUSI 2112 - Aural Skills IV
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3165 - Class Piano III
- MUSI 3166 - Class Piano IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3334 - Italian and English Diction
- MUSI 3335 - German and French Diction

- MUSI 3343 - Jazz Ensemble**
  or
- MUSI 3344 - University Philharmonic Orchestra**
  or

- MUSI 3345 - Concert Band**
  or
- MUSI 3346 - Chamber Singers**
  or
- MUSI 3347 - Wind Ensemble**
  or
- MUSI 3348 - Symphony Orchestra**
  or
- MUSI 3349 - Chorale**

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles***
- MUSI 4434 - Vocal Pedagogy for Ensemble Singing
- MUED 3357 - Percussion Techniques Class
- MUED 3371 - Brass/Woodwind Techniques

- MUED 3353 - Guitar Techniques Class
  or
- MUED 3372 - Strings/Guitar Techniques

* Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies. Choral music education majors must take a minimum of four semesters in a large choral ensemble.
*** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Orchestra Concentration

- MUAP 3311 - Applied Lessons
- MUAP 3312 - Applied Lessons
- MUAP 4411 - Applied Lessons*
- MUSI 2111 - Aural Skills III**
- MUSI 2112 - Aural Skills IV**
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3343 - Jazz Ensemble***
  or
- MUSI 3344 - University Philharmonic Orchestra***
  or

- MUSI 3345 - Concert Band***
  or
- MUSI 3346 - Chamber Singers***
  or
- MUSI 3347 - Wind Ensemble**
  or
- MUSI 3348 - Symphony Orchestra***
  or
- MUSI 3349 - Chorale***

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles****
- MUED 3351 - String Techniques Class I
  or
- MUED 3352 - String Techniques Class II

- MUED 3353 - Guitar Techniques Class
- MUED 3355 - Voice Techniques Class
- MUED 3357 - Percussion Techniques Class
- MUED 3361 - Brass Techniques Class I
- MUED 3362 - Brass Techniques Class II
- MUED 3365 - Woodwind Techniques Class I
- MUED 3366 - Woodwind Techniques Class II

* Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
** Pianists in the Orchestra Concentration will count MUSI 2111: Aural Skills III and MUSI 2112: Aural Skills IV as Area F credits. Pianists in the Orchestra Concentration must take two semesters of MUSI 3333: Accompanying.
*** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.
**** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Band Concentration

- MUAP 3311 - Applied Lessons
- MUAP 3312 - Applied Lessons
- MUAP 4411 - Applied Lessons*
- MUSI 2111 - Aural Skills III**
- MUSI 2112 - Aural Skills IV**
- MUSI 2221 - Music Theory III
- MUSI 2222 - Music Theory IV
- MUSI 3311 - History of Music I
- MUSI 3312 - History of Music II
- MUSI 3324 - Instrumentation/Arranging

- MUSI 3331 - Choral Conducting
  or
- MUSI 3332 - Instrumental Conducting

- MUSI 3343 - Jazz Ensemble***
  or

- MUSI 3344 - University Philharmonic Orchestra***
  or
- MUSI 3345 - Concert Band***
  or
- MUSI 3346 - Chamber Singers***
  or
- MUSI 3347 - Wind Ensemble***
  or
- MUSI 3348 - Symphony Orchestra***
  or
- MUSI 3349 - Chorale***

- MUSI 3350 - Advanced Choral Conducting/Literature
  or
- MUSI 3351 - Advanced Instrumental Conducting/Literature

- MUSI 3380 - Small Ensembles****
- MUED 3351 - String Techniques Class I
  or
- MUED 3352 - String Techniques Class II
  or
- MUED 3372 - Strings/Guitar Techniques

- MUED 3355 - Voice Techniques Class
- MUED 3357 - Percussion Techniques Class
- MUED 3361 - Brass Techniques Class I
- MUED 3362 - Brass Techniques Class II
- MUED 3365 - Woodwind Techniques Class I
- MUED 3366 - Woodwind Techniques Class II
- MUED 3370 - Marching Band Techniques

* Senior recital required. All music education majors must pass their senior recital permission jury prior to student teaching.
** Pianists in the Band Concentration will count MUSI 2111: Aural Skills III and MUSI 2112: Aural Skills IV as Area F credits. Pianists in the Band Concentration must take two semesters of MUSI 3333: Accompanying.
*** Placement of students in large ensembles is determined by the appropriate large ensemble directors. Students will repeat one large ensemble course three times (MUSI 3343-MUSI 3349). Jazz Ensemble may be used for up to four large ensemble credits only by permission of the Director of Jazz Studies.
**** Two semesters of MUSI 3380: Small Ensembles, as directed by the student's advisor, are required of all music education majors.

Professional Education (P-12) Requirements (32 Credit Hours)

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning
- MUED 3308 - Music Education for Exceptional Students
- MUED 3301 - General Methods, Materials and Curriculum

- MUED 3302 - Choral Methods, Materials, and Curriculum
  or
- MUED 3303 - Instrumental Methods, Materials and Curriculum

- MUED 3305 - Learning and Assessment in Music
- MUED 4470 - Student Teaching/Seminar*

Program Total (131 Credit Hours)

Note:
*Student teaching is a full-time commitment; no other course work should be taken.

Wellstar College of Health and Human Services

The WellStar College of Health and Human Services is a dynamic academic unit that consists of the Department of Social Work and Human Services, the Department of Health, Physical Education and Sport Science, and the School of Nursing. Additionally, the college includes the campus-wide Wellness Center, KSU Student Health Clinic, Center for Community Health Care, and the Academy for Inclusive Education and International Academy for Women's Leadership under the Dean's Office.

Accreditations

All nursing degree programs and the teacher education program, the sport management program, and the social work program in this college are nationally accredited. The Social Work program is accredited by the Council on Social Work Education (CSWE). In addition, the nursing programs are state-approved and the teacher education program is nationally recognized and has state approval for P-12 teacher certification in Georgia. Human Services graduates will be eligible in the near future to earn certification as a Human Services Board Certified Practitioner (HS-BCP) established by the Center for Credentialing and Education in collaboration with the National Organization for Human Services (NOHS) and the Council for Standards in Human Service Education (CSHSE).

Members of each of the college units are actively engaged in the pursuit of excellence in undergraduate and graduate education.

The Social Work and Human Services Department offers an undergraduate degree in Human Services and, in association with the national American Humanics Program, offers a certificate in nonprofit leadership. A master's degree in clinical social work is now available to interested, qualified students. Faculty members in human services are taking leadership roles in more than 100 community agencies. The department has study abroad initiatives in Germany, Uganda, Thailand, and Argentina.

The Department of Health, Physical Education and Sport Science offers degrees in three areas: exercise and health science, health and physical education (P-12), and sport management.

The B.S. in Health & Physical Education has secured the following national accreditations and state approvals:

- fully accredited by NCATE, National Council for Accreditation of Teacher Education

- fully approved by Georgia's Professional Standards Commission for P-12 teacher certification
- nationally recognized by AAHPERD, the American Alliance for Health, Physical Education, Recreation, and Dance
- nationally recognized by NASPE, the National Association for Sport & Physical Education.

The BS in Sport Management is approved by the National Association for Sport and Physical Education and the North American Society for Sport Management.

The department's faculty expands knowledge in several areas, such as recognizing and stressing the benefits of exercise in older adults. Additionally, the department offers the Physical and Leisure Activities for Youth (PLAY) Program that provides social and physical experiences for disabled children and the Seniors Participating in Activities Related to Health at Kennesaw State (SPARHKS) Program that provides outreach to older adults. It also manages the KSU Challenge Corner, a high and low element ropes course designed to promote cooperation, trust, communication, and problem-solving for small group experiences. Faculty has developed close working relationships with colleagues in Brazil (Universidade Federal de Santa Catarina and the Universidade de Pernambuco), Egypt (Alexandria University), South Africa (University of Pretoria), and the Netherlands (Hogeschool van Amsterdam). These collaborations help support the international underpinnings of the college, resulting in student and faculty exchanges, as well as various international scholarship initiatives.

The WellStar School of Nursing offers both undergraduate and graduate programs in nursing that are accredited by the Commission on Collegiate Nursing Education (CCNE) and are also fully approved by the Georgia Board of Nursing.

The school is one of the largest and most well respected programs in the Southeast, with consistently high passing rates on the RN licensing examination and nurse practitioner certification examinations. The School of Nursing programs include a generic BSN program, an accelerated BSN program for individuals holding other degrees, and a MSN program in care management and leadership. The school offers an international experience for students that provides the opportunity to work in hospitals and clinics in Oaxaca, Mexico. Additionally, the School of Nursing has responsibility for the Center for Community Health Services, operating three clinics and serving more than 2,500 at-risk persons annually. These clinics have increasingly served the working poor and recent immigrants to the U.S. Through the efforts of the school's faculty, and the Office of Research, the college was awarded a $200,000 grant from the Georgia Health Care Foundation to develop a culturally specific response to the management of diabetes in the growing Hispanic/Latino community in the state. School of Nursing faculty is actively researching areas such as end-of-life issues, ethics, and barriers to prenatal care for immigrants and health disparities.

Academic Departments

The WellStar College of Health and Human Services houses three academic departments:

- The Department of Health, Physical Education and Sport Science
- The Department of Social Work and Human Services
- The WellStar School of Nursing

In addition to the academic departments the WellStar College of Health and Human Services, provides service to the students, faculty and staff through support of:

- KSU Health Clinic
- The Wellness Center
- Minors
- Coaching
- Professional Practice with Hispanic Populations

Programs of Study

The WellStar College of Health and Human Services offers the following undergraduate degrees:

- Bachelor of Science in Exercise and Health Science
- Bachelor of Science in Sports Management
- Bachelor of Science in Health and Physical Education P-12 (with PTEU)
- Bachelor of Science in Human Services
- Bachelor of Science in Nursing

Minors

- Coaching
- Professional Practice with Hispanic Populations

Major in Exercise and Health Science, BS

WellStar College of Health and Human Services
Department of Health, Physical Education & Sport Science
(770) 423-6216

The Exercise and Health Science major program is designed for students seeking academic preparation in the exercise, fitness and/or health areas. This program of study prepares students to become leaders in the fitness profession, and to organize and deliver health promotion programs in private, public, or corporate wellness environments. The capstone to the program is a one academic semester internship experience working in an exercise and health science setting, or students can select pre-professional elective coursework to prepare for advanced or graduate studies, e.g., physical therapy, exercise physiology. For admission to the program and further information, see the department office (CC 3003).

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)
- Select any two courses from HPS 1050-HPS 1830
- HPS 2100 - Introduction to Exercise and Health Science
- BIOL 2221 - Human Anatomy & Physiology I
- BIOL 2221L - Human Anatomy & Physiology I Laboratory
- BIOL 2222 - Human Anatomy & Physiology II
- BIOL 2222L - Human Anatomy & Physiology II Laboratory
- HPS 2090 - Exercise Leadership

- HPS 1530 - Water Aerobics
  or
- HPS 1570 - Walk/Jog for Fitness

- HPS 1850 - Advanced Strength/Aerobic Training

Upper Division Major Requirements

Exercise and Health Science Core (27 Credit Hours)
- HPS 3240 - Physical Activity and Health Promotion for the Older Adult
- HPS 3300 - Personal Health Behavior
- HPS 3800 - Biomechanics
- HPS 3850 - Health Promotion and Program Planning

- HPS 4150 - Nutrition and Physical Activity
- HPS 4300 - Physiology of Exercise
- HPS 4350 - Fitness Evaluation and Exercise Prescription
- HPS 4500 - Physiological Basis of Training and Performance
- HPS 4700 - Clinical Aspects of Exercise

Exercise and Health Science Electives (6 Credit Hours)

Select any two 3000- and 4000-level HPS courses except HPS 3398. (Students interested in Health Promotion are advised to select HPS 4200 and HPS 4600).

Capstone Experience (15 Credit Hours)

(Select one of the following)

Internship Experience

- HPS 4730 - Seminar in Exercise and Health Science
- HPS 4750 - Exercise and Health Science Internship

Pre-Professional Electives

- CHEM 1211 - General Chemistry I
- CHEM 1211L - General Chemistry I Laboratory
- CHEM 1212 - General Chemistry II

- CHEM 1212L - General Chemistry II Laboratory
  or
- PHYS 1111 - Introductory Physics I

- PHYS 1112 - Introductory Physics II
  and

- any 3000-4000 level BIOL, CHEM, HPS, PSYC

Free Electives (12 Credit Hours)

Any course in the university curriculum.

Program Total (123 Credit Hours)

Major in Health and Physical Education, BS

Leading to Certification for Grades P-12
WellStar College of Health and Human Services
Department of Health, Physical Education & Sport Science
(770) 423-6216

The B.S. in Health & Physical Education is fully accredited by NCATE, National Council for Accreditation of Teacher Education, fully approved by Georgia's Professional Standards Commission for P-12 teacher certification, and nationally recognized by NASPE, the National Association for Sport & Physical Education.

This single field program is designed to prepare health and physical education teachers at all grade levels (pre-kindergarten through grade 12). Candidates complete the equivalent of a major in health and physical education and a second major in pedagogical studies with an emphasis on teaching health and physical education.

Teacher preparation students in addition to applying for Admission to Teacher Education and Student Teaching must demonstrate eligibility for practicum courses (HPS 4410 and 4430). This process is a part of the Department's periodic assessment of the teacher preparation students. Practicum forms, a detailed description of the eligibility requirements and submission deadlines are available from the departmental office (CC 3003).

Transfer Students:
To ensure HPE candidates meet the standards required by the Professional Teacher Education Unit (PTEU), National Association of Sport and Physical Education (NASPE), and the Georgia Professional Standards Commission (PSC), all transfer students will be required to take all courses in the Professional Education sequence (HPS 3450, HPS 3550, HPS 3650, HPS 3750, HPS 4250, HPS 4410, 4430 and HPS 4850) at Kennesaw State University. Exceptions will be made only for those who took a course that in the past was considered a substitution for one of the Professional Education courses and can document their compliance with these standards through portfolio presentations of their work.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

General Education requirements for this major
- MATH 1107 - Elementary Statistics

Lower Division Major Requirements (Area F) (18 Credit Hours)
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2130 - Exploring Teaching and Learning
- HPS 2000 - Contemporary and Historical Perspectives of Health and Physical Education
- BIOL 2221 - Human Anatomy & Physiology I
- BIOL 2222 - Human Anatomy & Physiology II
- HPS 2300 - First Aid/CPR Instructor Training

Teaching Field Requirements (21 Credit Hours)

HPS Core

- HPS 3100 - Sociological and Psychological Aspects of HPS
- HPS 3200 - Motor Learning
- HPS 3250 - Family Health and Sexuality
- HPS 3300 - Personal Health Behavior
- HPS 3600 - School Health Issues
- HPS 3800 - Biomechanics
- HPS 4300 - Physiology of Exercise

HPS Professional Skills (9 Credit Hours)

Required:

- HPS 1160 - Rhythmic Activities for Children (P-5)
- HPS 1170 - Folk/Square/Social Dance
- HPS 1290 - Stunts & Tumbling/Gymnastics
- HPS 1550 - Developmental Movement Experiences
- HPS 1810 - Outdoor Recreation and Education

Choose four from the following:

- HPS 1050 - Archery/Badminton
- HPS 1070 - Basketball/Softball
- HPS 1190 - Soccer/Team Handball
- HPS 1210 - Golf

- HPS 1350 - Swimming: Lifeguard Training
  or
- HPS 1830 - Swimming: Water Safety Instructor

- HPS 1390 - Tennis
- HPS 1430 - Volleyball
- HPS 1850 - Advanced Strength/Aerobic Training

Professional Education (P-12) Requirements (32 Credit Hours)

- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- HPS 3450 - Curriculum, Instruction & Management for Early Childhood Physical Education
- HPS 3550 - Curriculum, Instruction and Management for Middle Grade and Secondary Physical Education
- HPS 3650 - Curriculum, Methods and Materials in Health Education
- HPS 3750 - Adapted Physical Education
- HPS 4250 - Measurement and Evaluation
- HPS 4410 - Practicum in Children's Health and Physical Education
- HPS 4850 - Student Teaching in Health and Physical Education (P-12)

Program Total (125 Credit Hours)

Major in Human Services, BS

WellStar College of Health and Human Services
Department of Social Work and Human Services
(770) 423-6630

The Human Services (HS) program prepares students to pursue careers in the field of human services in a variety of public, nonprofit, and private human service organizations. All human service majors are required to take a common core, which includes two internship experiences. Students may choose either a concentration in human service case management or human service administration.

Human service majors in the case management concentration are prepared in skill competency areas such as communication, assessment, advocacy, crisis intervention, documentation, community networking, cultural competence, social policy, and civic engagement.

Students pursuing the administration concentration will acquire and develop core competencies that prepare them to work in the nonprofit sector. Highlights of the program include a focus on leadership and management of nonprofit organizations (e.g., financial, management and fundraising, human resource management, program evaluation, and marketing), and professional/career development.

HS majors may choose to participate in the Nonprofit Leadership Alliance (NPLA) Certification Program (formerly American Humanics). NPLA is a national organization that collaborates with affiliated universities and major nonprofit organizations recruiting, preparing, and placing students in meaningful careers with youth and human service agencies. Students pursuing the certificate must meet academic requirements set by the department. They will acquire the required competencies of the program including: board committee development, human resource development, nonprofit financial management, fund-raising principles and practices, program planning, and nonprofit marketing. Students demonstrate these competencies through completion of appropriate course work, participation in the NPLA student organization, and attendance at the yearly Management Training Institute.

Skill standard competencies for Human Service programs are established by the Council for Standards in Human Service Education (CSHSE). Graduates from the HS program may qualify to earn certification as a Human Service Board Certified Practitioner (HS-BCP).

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

Module I for HS Case Management and HS Administration

- HS 2233 - Overview of Human Services
- HS 2240 - Fundamentals of Nonprofit Organizations
- HS 2250 - Cultural Competence in the Human Services
- HS 2260 - Interviewing Skills for the Helping Professions
- SOCI 2201 - Principles of Sociology

- POLS 2212 - State and Local Government
  or
- PSYC 1101 - Introductory Psychology

Upper Division Major Requirements (48 Credit Hours)

- HS 3200 - Social Welfare Policy
- HS 3304 - Community Intervention
- HS 2260 - Interviewing Skills for the Helping Professions
- HS 3320 - Working with Support Groups
- HS 3350 - Poverty and Culture
- HS 3375 - Program Development and Evaluation
- HS 4410 - Ethics in the Helping Profession

- HS 3300 - Human Socialization
  or
- PSYC 3305 - Life-Span Developmental Psychology

- HS 3398 - Advanced Internship
  or
- HS 4498 - Capstone Seminar in Human Services

For Case Management Concentration:
Module II

- HS 2244 - Foundation Internship
- HS 2275 - Research Methods for Human Services
- HS 3320 - Working with Support Groups
- HS 3350 - Poverty and Culture

Module III

- Major Concentration Elective (choose from list below)
- HS 3200 - Social Welfare Policy
- HS 3300 - Human Socialization
- HS 3304 - Community Intervention

Module IV

- Major Concentration Elective (choose from list below)
- HS 3335 - Working with Families
- HS 4425 - Working with Children and Youth
- HS 4440 - Crisis Intervention

Module V

- HS 3398 - Advanced Internship
- HS 4410 - Ethics in the Helping Profession
- HS 4498 - Capstone Seminar in Human Services

For Administration Concentration:
Module II

- HS 2244 - Foundation Internship
- HS 2275 - Research Methods for Human Services
- HS 3350 - Poverty and Culture
- HS 3520 - Leadership in Nonprofit Organizations

Module III

- HS 3200 - Social Welfare Policy
- HS 3300 - Human Socialization
- HS 3304 - Community Intervention
- HS 3375 - Program Development and Evaluation

Module IV

- Major Concentration Elective (choose from list below)
- Major Concentration Elective (choose from list below)
- HS 3540 - Grant Writing and Fundraising
- HS 3560 - Human Resources for Nonprofit Organizations

Module V

- HS 3398 - Advanced Internship
- HS 4410 - Ethics in the Helping Profession
- HS 4498 - Capstone Seminar in Human Services

Concentration Electives (6 Credit Hours)

Choose two from the following courses:

- Cross-listed courses
- HS 3320 - Working with Support Groups
- HS 3322 - Aging and the Family
- HS 3324 - Death, Dying, and Bereavement
- HS 3335 - Working with Families
- HS 4415 - Principles of Child Welfare
- HS 4420 - Dynamics of Family Violence
- HS 4425 - Working with Children and Youth
- HS 3375 - Program Development and Evaluation
- HS 3520 - Leadership in Nonprofit Organizations
- HS 3540 - Grant Writing and Fundraising
- HS 3560 - Human Resources for Nonprofit Organizations
- HS 4490 - Special Topics in Human Services
- MGT 3100 - Management and Behavioral Sciences
- POLS 3343 - Principles of Public Administration
- SOCI 3304 - Social Organization

Free Electives (12 Credit Hours)

Any four courses in the university curriculum

Program Total (123 Credit Hours)

Major in Nursing, BSN

WellStar College of Health and Human Services
Baccalaureate Nursing Program
(770) 423-6061

The purpose of the Bachelor of Science in Nursing is to prepare graduates for generalist nursing practice. Graduates will be prepared to practice with patients including individuals, families, groups, and populations across the lifespan and across the continuum of healthcare environments. Upon completion of this program graduates will:

1. Synthesize knowledge from a liberal education including social science, natural science, nursing science, and the art and ethics of caring as a foundation for providing holistic nursing care.
2. Implement competent, patient-centered care of individuals, families, groups, communities, and populations along the health-illness continuum and throughout the lifespan within multicultural environments.
3. Utilize leadership skills to critically examine and continuously improve healthcare delivery systems, with emphasis on safety, quality, and fiscal responsibility.
4. Analyze current research and apply conceptual/theoretical models for translating evidence into clinical practice.
5. Apply knowledge and skills in information management and patient care technology in the delivery of quality patient care.
6. Identify the significance of local, state, national, and global healthcare policies including financial and regulatory environments.
7. Demonstrate effective communication skills with an interdisciplinary healthcare team including collaboration, negotiation, and conflict management.
8. Employ principles of health promotion, and disease/injury prevention in providing care to individuals and populations.
9. Assume responsibility and accountability for professionalism, including lifelong learning, and the inherent values of altruism, autonomy, human dignity, integrity and social justice in the practice of nursing.

General Education (43 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower division major requirements (AREA F) (17 Credit Hours)

- Directed or General Electives (3-6 Credit Hours)
- BIOL 2221 - Human Anatomy & Physiology I
- BIOL 2221L - Human Anatomy & Physiology I Laboratory
- BIOL 2222 - Human Anatomy & Physiology II
- BIOL 2222L - Human Anatomy & Physiology II Laboratory
- BIOL 2261 - Fundamental Microbiology

- PSYC 1101 - Introductory Psychology
  or
- PSYC 2105 - Social Issues: Perspectives in Psychology

Pre-Licensure Students

Upper Division Major Requirements (57 Credit Hours)

- NURS 3209 - Theoretical Basis for Holistic Nursing & Health
- NURS 3302 - Professionalism and Ethics in Nursing
- NURS 3303 - Clinical Pharmacology for Nurses
- NURS 3309 - Health Assessment
- NURS 3313 - Adult Health Nursing
- NURS 3314 - Mental Health Nursing
- NURS 3318 - Parent-Child Nursing
- NURS 4402 - Nursing Research for Evidence-based Practice
- NURS 4412 - Community Health Nursing
- NURS 4414 - Complex Health Nursing
- NURS 4416 - Leadership in Nursing
- NURS 4417 - Advanced Clinical Practicum

Nursing Elective (3 Credit Hours)

- BIOL 3317 - Pathophysiology
- PSYC 3305 - Life-Span Developmental Psychology

Free Electives (3 Credit Hours)

Any course in the university curriculum.

Program Total (123 Credit Hours)

RN-BSN-Registered Nurse Concentration

Upper Division Major Requirements (60 Credit Hours)

- NURS 3320 - Concepts of Professional Nursing *

Notes:
*Upon successful completion of NURS 3320, NURS 3309, NURS 3303, BIOL 3317, & PSYC 3305, the RN-BSN student will be awarded credit, in accordance with the Georgia RN-BSN Articulation Plan, for the following courses:

Credit for Prerequisite courses (NURS 3309, NURS 3303, and BIOL 3317) (12 Credit Hours)

- NURS 3209 - Theoretical Basis for Holistic Nursing & Health
- NURS 3313 - Adult Health Nursing
- NURS 3314 - Mental Health Nursing
- NURS 3318 - Parent-Child Nursing
- NURS 4414 - Complex Health Nursing
- NURS 3302 - Professionalism and Ethics in Nursing

Total: (27 Credit Hours)

RN Students Note:
Upon being awarded 27 credit hours for completion of NURS 3320, RN Students will be required to complete the following courses in the BSN Curriculum:

- NURS 4412 - Community Health Nursing
- NURS 4402 - Nursing Research for Evidence-based Practice
- NURS 4403 - Project Development for Nurses
- NURS 4416 - Leadership in Nursing
- NURS 4418 - Advanced Clinical Project

Nursing Elective (3 Credit Hours)

Total: (21 Credit Hours)

Program Total (123 Credit Hours)

Major in Sport Management, BS

WellStar College of Health and Human Services
Department of Health, Physical Education, and Sport Science
(770) 423-6216

The Sport Management major program is designed for students seeking an interdisciplinary approach to the fields of Sport/Exercise Marketing, Management and Communication. Within Sport Management, students will choose to concentrate in either Fitness Management, Sport Communication, Sport Marketing, or Recreation Management. Fitness Management prepares the student for careers in managerial positions in fitness facilities or health clubs. Sport Communication prepares students for careers as sport information directors and in the sport print or broadcast media. Sport Marketing prepares students for the marketing of goods and services within various segments of the sport industry. Recreation Management prepares students for careers in managerial positions with YMCA, YWCA, County recreational programs, or governmental/private agencies with recreational components. This is a NASPE/NASSM approved program. For further information and program admission, contact the HPS Advising Center (770) 423-6544, CC 3006.

Admission to the program and retention criteria:
An AGPA of 2.75 is required for admission to the program. Once admitted to the program, students must maintain an AGPA of 2.75 throughout their coursework in the program.

General Education (42 Credit Hours)

see listing of requirements
Students must take ECON 2100 in General Education Core

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- HPS 2200 - Introduction to Sport Management
- IS 2200 - Information Systems and Communication
- COM 2129 - Public Speaking
- HPS 2220 - Legal Aspects of Sports
- HPS 2222 - Sports Information
- ACCT 2100 - Introduction to Financial Accounting

Upper Division Major Requirements

Sport Management Core (36 Credit Hours)

- HPS 3100 - Sociological and Psychological Aspects of HPS
- MKTG 3100 - Principles of Marketing
- HPS 3777 - Economics of Sport
- HPS 3888 - Budget and Finance in Sport

- HPS 3370 - Sport Facility and Event Management
- HPS 3390 - Leadership and Management in Sport Organizations
- HPS 4710 - Senior Sport Management Seminar
- MKTG 4870 - Sports Marketing
- HPS 4950 - Sport Management Internship

Concentration Area (18 Credit Hours)

(Select one of the following concentrations):

Fitness Management Concentration

- HPS 1530 - Water Aerobics
- HPS 1570 - Walk/Jog for Fitness
- HPS 1850 - Advanced Strength/Aerobic Training
- HPS 2090 - Exercise Leadership
- BIOL 2221 - Human Anatomy & Physiology I
- BIOL 2222 - Human Anatomy & Physiology II
- HPS 4300 - Physiology of Exercise

- HPS 4150 - Nutrition and Physical Activity
  or
- MKTG 4410 - Professional Selling

Sport Communication Concentration

Sport-Physical Activities (select 3):

Individual [Business facilitation]:

Select at least 1 (you may take 2)

- HPS 1210 - Golf
- HPS 1390 - Tennis

Team:

Select at least 1 (you may take 2)

- HPS 1070 - Basketball/Softball
- HPS 1190 - Soccer/Team Handball
- HPS 1430 - Volleyball

Take all of the following:

- HPS 3333 - Sports Broadcasting
- COM 3310 - Concepts in New Media
- COM 2135 - Writing for Public Communication
- COM 3330 - News Reporting and Writing
- COM 3335 - Public Relations Principles

Sport Marketing Concentration

Sports-Physical Activities (select 3):

Individual [Business facilitation]:

Select at least 1 (you may take 2)

- HPS 1210 - Golf
- HPS 1390 - Tennis

Team:
Select at least 1 (you may take 2)
- HPS 1070 - Basketball/Softball
- HPS 1190 - Soccer/Team Handball
- HPS 1430 - Volleyball

Choose 5 of the following:
- MKTG 4150 - Consumer Behavior
- MKTG 4300 - Basic Retailing
- MKTG 4410 - Professional Selling
- MKTG 4650 - Advertising
- MKTG 4670 - Promotional Strategy
- MKTG 4850 - Business to Business Marketing

Recreation Management Concentration

Take one activity from each of the following categories:

Individual Sport/Activity
- HPS 1050 - Archery/Badminton
- HPS 1210 - Golf
- HPS 1230 - Martial Arts
- HPS 1290 - Stunts & Tumbling/Gymnastics
- HPS 1310 - Swimming: Beginning
- HPS 1390 - Tennis
- HPS 1470 - Self Defense

Team Sport:
- HPS 1070 - Basketball/Softball
- HPS 1430 - Volleyball

Fitness Activities:
- HPS 1030 - Aerobic Conditioning/Weight Training
- HPS 1530 - Water Aerobics
- HPS 1570 - Walk/Jog for Fitness
- HPS 1810 - Outdoor Recreation and Education
- HPS 1850 - Advanced Strength/Aerobic Training

Take all of the following:

- HPS 1170 - Folk/Square/Social Dance
- HPS 1550 - Developmental Movement Experiences
- HPS 1810 - Outdoor Recreation and Education
- HPS 3050 - Coaching Principles
- HPS 3500 - Foundations of Recreation and Leisure
- HPS 3700 - Recreation Programming
- HPS 3900 - Commercial Recreation and Tourism

Free Electives (6 Credit Hours)
Any course in the university curriculum.

Program Total (123 Credit Hours)

Nonprofit Leadership Alliance Certificate

College of Health and Human Services
Department of Human Services
(770) 423-6630

The Nonprofit Leadership Alliance Certificate program is an academic program with an experience-based approach to preparing students for administrative and leadership roles in the growing nonprofit sector. Students must meet criteria for acceptance into the Nonprofit Leadership Alliance Certificate program (see Campus Executive Director). Completion of Nonprofit Leadership Alliance Certificate requirements result in students receiving national certification from the Nonprofit Leadership Alliance, a national collaborative of nonprofit, academic and private partners. Nonprofit Leadership Alliance program participants acquire an academic and on-the-job education in 13 core competencies: board/commitee development, fundraising principles and practices, community outreach/marketing and public relations, diversity awareness, ethics and values, historical and philosophical foundations, information management and technology, nonprofit accounting and financial management, nonprofit management, program planning, implementation and evaluation, risk management and legal issues, human resource and volunteer management, and youth and adult development.

Certification Requirements:

- Nonprofit Competencies: identified and validated by the nonprofit sector, the competencies outline the knowledge, skills, and abilities needed to lead and manage a nonprofit organization.
- Internship Experience: 300 hour internship or professional employment with a nonprofit organization.
- Leadership and Service Activities: demonstrated community leadership skills in diverse situations.
- Management/Leadership Institute Attendance.
- Baccalaureate Degree or enrollment in a KSU major leading to a Baccalaureate Degree.

Qualifications:
Interested students may enroll in this program by contacting the Campus Executive Director of the KSU Nonprofit Leadership Alliance who is housed in the Department of Social Work and Human Services. KSU students must have:

- Earned and be able to maintain a cumulative adjusted GPA of 3.0 or higher (or have earned a Bachelors Degree from an accredited institution).
- Completed all General Education course requirements, unless the student already possesses an undergraduate degree from an accredited institution.
- Completed a 150-word personal statement describing his/her interest in the certificate program and how the certificate program will benefit his/her future career trajectory.

Required Courses (18 Credit Hours)

- HS 2240 - Fundamentals of Nonprofit Organizations
- HS 3520 - Leadership in Nonprofit Organizations
- HS 3540 - Grant Writing and Fundraising
- HS 3560 - Human Resources for Nonprofit Organizations
- HS 3398 - Advanced Internship *

Note:
*This course may be substituted for non-degree seeking students with significant work experience or for non Human Service majors enrolled in an equivalent course through the student's major degree program upon approval by the Campus Executive Director of the KSU Nonprofit Leadership Alliance Certificate Program.

Elective Courses (6 Credit Hours)

Select two from the following (or two other courses with approval of the Campus Executive Director)

- HS 3375 - Program Development and Evaluation
- HS 4490 - Special Topics in Human Services
- MGT 3100 - Management and Behavioral Sciences
- POLS 3343 - Principles of Public Administration
- SOCI 3304 - Social Organization

Program Total (24 Credit Hours)

College of Humanities and Social Sciences

The College of Humanities and Social Sciences offers career-sensitive liberal arts programs leading to baccalaureate, master's, and doctoral degrees, as well as specialized certificate programs. Bachelor degrees are offered in African and African Diaspora Studies, Anthropology, Communication, Criminal Justice, English, History, Geographic Information Science, Geography, International Affairs, Modern Language and Culture (in French, German, and Spanish), Philosophy, Political Science, Psychology, and Sociology. Bachelor degrees are also offered in English Education and History Education as well as foreign language education (French, German, and Spanish) through the Modern Language and Culture degree program. Certificate programs provide training in alternative dispute resolution, professional politics, European Union studies, public history, and geographic information systems. The College also offers a Ph.D. in International Conflict Management, a Master of Arts in American Studies, a Master of Arts in Integrated Global Communication, a Master of Arts in Professional Writing, a Master of Arts in Teaching (in English, and in Foreign Language—Chinese and Spanish), a Master of Public Administration, a Master of Science in Conflict Management, a Master of Science in Criminal Justice, and a Master of Science in International Policy Management. In addition to these programs of study, the College offers a wide range of interdisciplinary courses in Asian Studies, Environmental Studies, Gender and Women's Studies, Latin American/Latino Studies, and Peace Studies, as well as elective courses in Chinese, German, Italian, Japanese, Russian, Spanish, film, philosophy, and writing.

The College of Humanities and Social Sciences supports the Institutional Mission of Kennesaw State University with programs and policies that foster teaching and learning; professional service responsive to campus, academic profession, and community needs; and scholarship and creative activity in support of instruction, service, and the advancement of knowledge. The faculty, staff, and students of the College strive for excellence in undergraduate and graduate instruction with the goal of understanding human interaction among the cultures of the world, both historically and in the present. Career-sensitive liberal arts programs emphasize effective communication, critical thinking, problem solving, and global perspectives; and provide our students the knowledge, skills, and versatility to succeed personally and professionally in an ever-changing society. In addition, our students have a variety of learning opportunities that nurture an appreciation of the richness of human experience and promote a balance between individual achievement and community responsibility.

The faculty and staff of the College of Humanities and Social Sciences are engaged in scholarship and service-focused professional initiatives that promote collaboration across disciplines, address both local and global problems, and enhance the quality of life of the diverse communities we serve. The College also serves all students at the university by providing instruction in the general education curriculum. The College provides services to the region through the Center for Regional History and Culture, the Center for Conflict Management, the Center for the Study of the Civil War Era, the Center for Sustainable Journalism, the Intensive English Program Center, and the Writing Center. The College also offers a wide variety of educational and cultural enrichment programs.

Accreditations

All degree programs in teacher education in the College of Humanities and Social Sciences are nationally accredited. In addition, the teacher education programs are nationally recognized and have state approval for 6-12 teacher certification in Georgia.
The Master of Public Administration (MPA) program is formally accredited by the National Association of Schools of Public Affairs and Administration (NASPA).

Academic Departments

The College of Humanities and Social Sciences houses eight academic departments:

- Department of Communication
- Department of English
- Department of Foreign Languages
- Department of Geography and Anthropology
- Department of History and Philosophy
- Department of Political Science and International Affairs
- Department of Psychology
- Department of Sociology and Criminal Justice

Communication
(770) 423-6298

The Department of Communication offers a B.S. in Communication and gives students the opportunity to concentrate in one of four areas: organizational communication, public relations, media studies, or journalism and citizen media — emphasizing their applied, theoretical and aesthetic dimensions within culturally diverse settings. The study of communication helps prepare students to meet the challenges of today's information age.

Emphasis is placed on critical thinking as well as professional and technical abilities required to meet the demand of communication industries such as research, analytical, written, organizational and presentation skills.

Cultural and Regional Studies
(678) 797-2431

The Cultural and Regional Studies unit hosts seven interdisciplinary programs, which offer three degrees and six minor programs of study. The programs include African and African Diaspora Studies (B.A. and minor), American Studies (M.A. and minor), Asian Studies (minor), Environmental Studies (B.S. coordinated through University College), Gender and Women's Studies (minor), Latin American/Latino Studies (minor), and Peace Studies (minor), and each prepares students to understand complex dynamics through interdisciplinary study. Each program integrates concepts and methods from a range of academic disciplines to afford students a deeper examination of their chosen field, and all programs prepare students for advanced study and informed practice through a greater appreciation of the insights and implications available only through cross-disciplinary inquiry.

English
(770) 423-6297

The Department of English offers students exciting opportunities in critical thinking, research, and analysis; professional and creative writing and speaking; and the informed appreciation and understanding of written and presented cultures from traditional and current world literatures. Faculty within the department encourage students to engage distant and contemporary voices and to discover and train their own. Award-winning and experienced faculty committed to excellent teaching, scholarship, and dedicated service prepare students for lifelong learning and immediate employment or for professional careers in journalism, law, the ministry, arts

administration, museum and archival work, public relations, teaching, editing, advertising, publishing, and a wide array of other vocations.. Senior seminars, service learning, internships, study abroad, and integrated studies enrich bachelor's degrees in English and English Education. The department also offers a Master of Arts degree in Professional Writing. Many faculty members in English also teach in the Master of Arts in American Studies program.

Foreign Languages
(770) 423-6366

The Department of Foreign Languages offers students the opportunity to "speak to the world" by providing authentic experiences with other cultures which enable them to begin or to continue developing their linguistic and cultural proficiency. Students are encouraged to explore new approaches to learning languages through the "Critical Languages" program, through studying abroad, or through participating in an internship or other applied learning experience. Students may incorporate a non-English language component into their regular course work through participation in the Foreign Languages Across the Curriculum (FLAC) program, or by joining one of the weekly conversation groups, or simply by getting to know the culturally and linguistically diverse staff of the Foreign Language Resource Collection located in the department (FLRC). The department's various programs and courses strive to increase students' linguistic and cultural competence and to help them use this knowledge for their personal enrichment or for the acquisition of knowledge, and skills to prepare them for careers in many different fields, from the arts to business.

To accomplish its mission in teaching, service, and scholarship, the department combines a firm academic foundation in the discipline with a practical preparation for life. Students of Chinese, French, German, Italian, and Spanish have numerous possibilities for study and internships abroad. The department contributes significantly to the mission of the College of Humanities and Social Sciences and to the University by facilitating an understanding of human interaction across world cultures and time, enhancing awareness of global perspectives, and encouraging multilingualism and multiculturalism.
For further information about the Department of Foreign Languages and its programs, visit our web site: ***http://foreignlanguages.hss.kennesaw.edu/***

Geography and Anthropology
(678) 797-2373

The Department of Geography & Anthropology prepares students for better global citizenship by educating them about the world and its peoples. Critical thinking about cultures, environments, space, and place is central to this mission. As the pace of globalization increases in the 21st century, these elements are vital in fostering an awareness, understanding, and ability to conceptualize, articulate, and influence the forces that are changing the Earth's human and environmental landscapes. The Department of Geography & Anthropology offers courses that contribute to baccalaureate degrees in Geographic Information Science, Anthropology, and Geography. The Department offers a wide range of specialties including geographic information systems and remote sensing, cultural anthropology and cultural geography, physical anthropology, physical geography, archeology, regional area studies, and urban/economic geography. Graduates from this Department's programs acquire a variety of theoretical and practical skills that prepare them well for a competitive job market or entry into graduate level programs in the social science tradition.

History and Philosophy
(770) 423-6294

The Department of History & Philosophy offers three degrees: the Bachelor of Arts in History, the Bachelor of Arts in Philosophy, and the Bachelor of Science in History Education. In the History program, students select one of three concentrations: World History and Cultures; American History and Culture; and History of Ideas. Philosophy majors choose a concentration in Western Philosophy, Non-Western Philosophy, or Values. Each concentration includes complementary electives that students can tailor to suit their own interests. The History Education major leads to 6-12 teaching certification, with an emphasis on teaching at the secondary level. Students complete the equivalent of two majors, one in history and one in education. The department also offers Certificates in Public History and European Union Studies and minors in History and Philosophy.

History, History Education, and Philosophy students choose courses from among the nearly one hundred offered in our own department and from others across the university. But you will also find our students outside the classroom. Community engagement has become a hallmark of the department, with our students deeply engaged both locally and globally. They participate in study abroad programs all over the world; intern in regional archives, museums, and law firms; student teach in public schools across northwest Georgia; and lead community-based public history programs across the metro area.

Interdisciplinary Studies (ISD) 678 797 2431

The eight programs within the Interdisciplinary Studies Department (ISD) share a commitment to interdisciplinary learning and scholarship. The ISD offers a Bachelor of Arts in African & African Diaspora Studies; minors in African & African American Studies, American Studies, Asian Studies, Gender & Women's Studies, Latin American & Latino Studies, Peace Studies, and Religious Studies; and, a Master of Arts in American Studies. Environmental Studies faculty is affiliated with the department. The programs prepare students for a wide range of careers such as museum curators, diplomats, educators, business managers, directors of cultural and aide institutions, and managers of natural resources. In addition, they lay the foundation for professional and graduate schools, such as law school, seminary, public-policy school, and graduate work in most of the social sciences or humanities. Our students practice skills suited to cross-cultural interactions and are involved in hands-on projects in communities, local and abroad.

To find out more about the specific requirements for each program, visit the programs under the Academic Programs and Majors link or call the ISD office.

Political Science and International Affairs (770) 423-6227

The Department of Political Science and International Affairs offers courses that contribute to baccalaureate degree programs in political science and international affairs, certificate programs in Alternative Dispute Resolution (ADR) and Professional Politics, and graduate programs of study in Conflict Management, Public Administration and International Policy Management. The degree programs provide students the opportunity to prepare for a number of career options or for graduate and professional study. The certificate programs focus on skills development, with a broad academic base. Students may also build upon a common core of liberal arts courses to develop the intellectual and social interaction skills to promote personal growth. The Department coordinates the pre-law, pre-professional program. A wide range of courses in United States and international politics offer support for other college or university programs. The degree and certificate programs allow students the opportunity to take an internship or practicum in their field of interest, or to participate in the University's co-op program.

The Department encourages student learning through extra- and co-curricular activities such as the Society for Legal Studies, Political Science Club, KSU Global Society and Pi Sigma Alpha, the national political science honorary. Students are given opportunities to develop and demonstrate their skills through participation in Mock Trial, Model United Nations, Model Arab League, and Model African Union simulation competitions.

For information on Military Science (ROTC), see Military Science (in Other Programs).

Psychology (770) 423-6225

The Department of Psychology offers a program that provides students with opportunities for personal and intellectual development, preparation for a wide range of employment opportunities with a bachelor's degree, as well as the necessary prerequisites for graduate education in psychology or for professional training in related fields such as law, medicine, business, management, education or social work.

Courses in the psychology curriculum give students a strong background in both the scientific and applied areas of the field. All majors complete the introductory course in psychology and a course on careers in psychology. A two semester research se-

quence follows which emphasizes statistics, methodology, and experimental psychology. Students then select courses concerning the foundations of behavior and advanced topics in psychology. Upper division electives in the major furnish students with additional background in an area of interest related to the discipline. The Senior Capstone Seminar provides closure to a student's undergraduate education.

Learning experiences in the classroom and laboratory are the foundation from which students can extend their undergraduate education in psychology to a variety of settings, such as practicum experiences in community-based agencies, collaboration on research with psychology faculty members, and individualized directed studies on topics of particular interest to students. In addition, extracurricular activities sponsored by Psi Chi (the International Honor Society in Psychology) and the Psychology Club provide avenues for enhancing an individual's personal growth and identity as a psychology major.

Sociology and Criminal Justice (770) 423-6739

This Department offers courses that lead to baccalaureate degrees in Sociology and Criminal Justice. The courses and specializations offered by the department prepare students to understand and deal with our contemporary world in terms of diversity, change, societal concerns for stability, and their implications locally and globally. The core competencies of its graduates enable them to enter careers requiring technological facility, communication skills, data gathering and analysis, community awareness and involvement, problem-solving, critical thinking, an understanding of the structure and functioning of groups and organizations, greater awareness of their environments, critical self-reflection, and interpersonal and intercultural skills.

The faculty of the Sociology and Criminal Justice Department strives to mentor students in a process of professional socialization in which students develop practical, marketable, applicable skills and take responsibility for their own lifelong learning. Students will understand our degree programs as social sciences that strive to provide an understanding of our complex social world, and also have practical implications for career and personal success.

Programs of Study

The College of Humanities and Social Sciences offers the following undergraduate degrees:

- Bachelor of Arts in African and African Diaspora Studies
- Bachelor of Science in Anthropology
- Bachelor of Science in Communication
- Bachelor of Science in Criminal Justice
- Bachelor of Arts in English
- Bachelor of Science in English Education
- Bachelor of Science in Geographic Information Science
- Bachelor of Arts in Geography
- Bachelor of Arts in History
- Bachelor of Science in History Education
- Bachelor of Arts in International Affairs
- Bachelor of Arts in Modern Language and Culture (in French, German, or Spanish)
- Bachelor of Arts in Philosophy
- Bachelor of Science in Political Science
- • Bachelor of Science in Psychology
- Bachelor of Science in Sociology

And the following graduate degrees:

- Master of Arts in Professional Writing
- Master of Arts in American Studies
- Master of Science in Conflict Management
- Master of Science in Criminal Justice
- Master of Arts in Integrated Global Communication
- Master of Public Administration
- Master of Arts in Teaching (in English and in Foreign Language - Chinese and Spanish)
- Master of Science in International Policy Management
- Ph.D. in International Conflict Management

Certificate Programs

The College of Humanities and Social Sciences offers the following certificate programs:

- Certificate in Alternative Dispute Resolution
- Certificate in European Union Studies
- Certificate in Geographic Information Systems
- Certificate in Latin American Studies
- Certificate in Professional Politics
- Certificate in Public History

Minors

- African and African American Studies
- American Studies
- Anthropology
- Asian Studies
- Chinese Studies
- Criminology
- Film Studies
- French and Francophone Studies
- Gender and Women's Studies
- Geography
- German Studies
- Gerontology
- History
- International Affairs
- Italian Studies
- Language and Literary Studies
- Latin American Studies
- Legal Studies
- Native American Studies
- Peace Studies
- Philosophy
- Professional Writing
- Sociology
- Spanish

Major in African and African Diaspora Studies, BA

College of Humanities and Social Sciences
Office of the Dean
(770) 423-6124

The Bachelor of Arts degree in African and African Diaspora Studies offers students an interdisciplinary educational experience that fosters an understanding of the global experiences of African and African-descended peoples in Asia, Europe, Oceania, and the Americas. In particular, students will gain an appreciation for the diverse character of humanity, explore the complex historical and cultural relations between Africans on the continent and African-descended peoples in the Diaspora, and engage in a comparative study of issues affecting Africans in the continent and the Diasporas.

Students in the major will complete 33 hours of common requirements, including African language, Senior Seminar, and study abroad or internship. In addition, students choose one of three concentrations: Literature; History; and Social, Cultural and Political Issues.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- Six hours of 2000-level foreign language: an African language preferred, or choose from French, Arabic, Portuguese, or Spanish (6 Credit Hours)
- AADS 2100 - Introduction to African & African Diaspora Studies
- AADS 2260 - Research Methodologies
- PSYC 2110 - Interacting Effectively in a Diverse Society: Psychological Approaches
- ENGL 2300 - African and African Diaspora Literatures

Upper Division Major Requirements (36 Credit Hours)

- HIST 3334 - The Africans in the Diaspora
- HIST 3393 - Emerging Themes in African History
- GEOG 3350 - Geography of Sub-Saharan Africa
- AADS 4499 - Senior Seminar

Three hours from the following:

- SA 4400 - Study Abroad Directed Study
  or
- HIST 3398 - Internship

Concentrations (21 Credit Hours):

There are three Concentrations: Literature, History, and Social Cultural, and Political Issues. Students are to select a concentration. See courses in each of the following concentrations. With the assistance of their advisors, students are to take four courses (12 hours) in their concentration and three courses (9 hours) from the other two concentrations for a total of 21 hours.

Literature

- Topics in French and Francophone Literature Since 1800 (3 Credit Hours)
- ENGL 3360 - Major African American Writers
- ENGL 3400 - Survey of African Literatures
- ENGL 3500 - Topics in African American Literature
- ENGL 3600 - Topics in African Diaspora Literatures
- ENGL 4401 - Topics in African Literatures
- FREN 4434 - Topics in Language, Literature, and Culture

History

- HIST 3333 - African American History to 1865
- HIST 3335 - African American History, 1865 to Present
- HIST 3357 - Africans in Asia
- HIST 3358 - Africans in Latin America and the Caribbean
- HIST 3382 - North Africa and the Middle East in Modern Times
- HIST 3391 - History of West Africa
- HIST 3392 - History of Southern, Eastern and Central Africa

Social, Cultural, and Political Issues

- ANTH 3310 - Cultural Diversity in the U.S.
- ARH 3100 - African Art
- ARH 4150 - African-American Art
- MUSI 3411 - Survey of African-American Music
- MUSI 3319 - Introduction to Jazz
- POLS 4454 - Politics of the Middle East
- PSYC 3355 - Cross-Cultural Psychology
- PSYC 3385 - Ethnic Minority Psychology
- POLS 4455 - International Relations of Africa
- SOCI 4434 - Emerging Social Issues in Africa
- SOCI 3314 - Race and Ethnicity

Related Studies (12 Credit Hours)

Twelve hours of upper-division studies in related disciplines. These could be courses not already taken from the above list of upper-division major requirements, foreign language, study abroad, internship, coop, and directed study as approved by the academic advisor.

Free Electives (12 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Note:
Diaspora means the migration or dispersion of any group of people from their ancestral homelands. “Diaspora” in this program refers to the African Diaspora in Asia, Europe, Oceania, and the Americas.

Major in Anthropology, BS

College of Humanities and Social Sciences
Department of Geography and Anthropology
(678) 797-2373

The Bachelor of Science in Anthropology provides students with a solid foundation of disciplinary knowledge that prepares them for diverse professional employment opportunities and graduate school. The Anthropology major encompasses a broad education about human biological, behavioral, and cultural evolution and the comparative study of contemporary societies and cultures around the planet. Majors will take courses in cultural applications and practice, physical anthropology, and archaeology, in addition to foundational courses in the field of anthropology.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

Required:

- Foreign language 1002 or higher (3 Credit Hours)
- ANTH 2201 - Introduction to Anthropology
- GEOG 1101 - World Regional Geography
- MATH 1107 - Elementary Statistics

Electives (6 Credit Hours):

Select any two 1000 or 2000 level courses from HIST, GEOG, PHIL, POLS, PSY, SOC.
Upper Division Major Requirements (39 Credit Hours)

Foundations in Anthropology (15 Credit Hours)

- ANTH 3300 - Anthropological Theory
- ANTH 3301 - Human Origins
- ANTH 3303 - Introduction to Linguistic Anthropology
- ANTH 3305 - Principles of Archeology
- ANTH 3307 - Cultural Anthropology

Anthropological Applications (6 Credit Hours)

- ANTH 3398 - Internship in Anthropology
- ANTH 4450 - Research Methods in Anthropology

Upper Division Elective Courses (18 Credit Hours)

Select 18 hours (6 courses) from those listed below. Each student must take at least one course from each of the areas: Cultural Anthropology, Physical Anthropology, Archaeology.

Cultural Anthropology

- ANTH 3310 - Cultural Diversity in the U.S.
- ANTH 3315 - Native Americans of the Southeastern U.S.
- ANTH 3340 - Religion, Magic, and Culture
- ANTH 3345 - Food and Culture
- ANTH 3350 - Cultures and Societies of the World

- ANTH 3355 - Capitalisms and Cultures in Asia
- ANTH 3360 - Anthropology and Africa
- ANTH 3365 - Afro-Brazilian Culture and Politics
- ANTH 4430 - Environmental Anthropology Field Methods

Physical Anthropology
- ANTH 3320 - Lab in Physical Anthropology
- ANTH 4405 - Human Variation
- ANTH 4420 - Lab in Forensic Anthropology

Archaeology
- ANTH 3321 - Indigenous Peoples of North America
- ANTH 3335 - Archeology Field Techniques
- ANTH 3380 - Maya Archeology
- ANTH 3390 - Lab in Archeology
- ANTH 4421 - North American Archeology
- ANTH 4425 - Historical Archeology

Note:
(An approved study abroad course or ANTH 4490 can be used to fulfill a requirement in the Upper Division Elective area with prior approval of the department.)

Related Studies (9 Credit Hours)
Nine hours of upper-division studies beyond the major requirements as approved by the academic advisor. Lower-division courses or additional internships may also be approved when deemed appropriate.

Free Electives (12 Credit Hours)
Any courses in the university curriculum.

Program Total (123 Credit Hours)

Major in Communication, BS

Office: College of Humanities and Social Sciences,
Department of Communication
Phone: (770) 423-6298

The program of study in communication offers a Bachelor of Science degree with an emphasis in one of four academic concentrations: (1) Journalism and Citizen Media, (2) Media Studies, (3) Organizational Communication, and (4) Public Relations.

The major requires 18 credit hours of lower division course work (1000-2000 level) comprising various offerings, both inside and outside of the communication discipline, that serve as important groundwork leading to advanced studies. Lower division offerings include basic courses in human communication, visual communication, public speaking, writing, and information systems, and an introductory course relevant to the student's selected concentration as well as four courses outside of Communication that will support his/her studies within the major. Students must complete 36 credit hours of upper division course work (3000-4000 level) in Communication to fulfill their major program requirements, which include six hours of upper division required course work for all majors, 18 hours within one of the four concentrations indicated above, and 12 hours of upper division communication elective credit. Studies within

the concentrations are designed to include course offerings that address both the applied and theoretical dimensions of communication.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)
- COM 1109 - Human Communication
- • COM 2033 - Visual Communication
- • COM 2129 - Public Speaking
- • COM 2135 - Writing for Public Communication

Choose one of the following according to the selected concentration:

- COM 2205 - Introduction to Organizational Communication
  (Organizational Communication Concentration)
- COM 2230 - Introduction to Mass Communication
  (Media Studies and Journalism & Citizen Media concentrations)
  (PR students may choose either COM 2205 or COM 2230)

Upper Division Major Requirements (36 Credit hours)
- COM 3435 - Communication Research Methods
- COM 4480 - Communication Theory

Major Concentration
Select one of the four concentrations listed below:

Organizational Communication
Concentration requirements (15 Credit Hours)
- COM 3325 - Intercultural Communication
- COM 3376 - Interpersonal Communication
- COM 4344 - Organizational Training and Development
- COM 4440 - Leadership Communication
- COM 4455 - Organizational Communication Audit (Capstone)

Concentration electives (choose two) (6 Credit Hours)
- COM 3345 - Group Communication
- COM 3459 - Communication and Conflict
- COM 3366 - Nonverbal Communication

Upper Division Major Elective Courses (9 Credit Hours)
Choose 9 hours from any COM course not previously taken. Each concentration provides students a recommended list of electives for that concentration.
Public Relations

Concentration requirements (12 Credit Hours)

- COM 3335 - Public Relations Principles
- COM 3355 - Public Relations Cases
- COM 3375 - Public Relations Writing

- COM 4465 - Public Relations Campaigns (Capstone)

Concentration electives (12 Credit Hours)

- COM 3330 - News Reporting and Writing
- COM 3340 - Digital Media Production
- COM 4405 - Organizational Publications
- COM 3429 - Persuasion Methods and Strategies
- COM 4460 - Crisis Communication
- COM 4495 - Public Relations Study Tour

Upper Division Major Elective Courses (6 Credit Hours)

Choose 6 hours from any COM course not previously taken. Each concentration provides students a recommended list of electives for that concentration.

Media Studies

Concentration requirements (9 Credit Hours)

- COM 3324 - Contemporary Issues in Mass Media
- COM 4424 - Uses and Effects of Mass Media
- COM 4485 - Media Studies Capstone

Technology Competency (choose one) (3 Credit Hours)

- COM 3340 - Digital Media Production
- COM 3360 - Photojournalism
- COM 4405 - Organizational Publications

Writing Competency (choose one) (3 Credit Hours)

- COM 3330 - News Reporting and Writing
- COM 3375 - Public Relations Writing
- FILM 3105 - Fundamentals of Writing for Film and Television
- WRIT 3150 - Writing in Digital Environments

Media Literacy (choose two) (6 Credit Hours)

- AMST 3740 - American Popular Culture
- COM 4425 - Gender, Race and Media
- COM 3429 - Persuasion Methods and Strategies
- COM 4444 - Film and Video Structure and Process
- COM 4470 - Media Law
- FILM 3200 - Film History and Theory I
- POLS 3380 - Mass Media and Politics

Major Electives (choose three courses for 9 credit hours, with at least 3 hours in Communication)

Select courses not chosen above. Check the course description section of the university catalog to determine prerequisites that might be needed for some courses.

- AMST 3740 - American Popular Culture
- COM 3310 - Concepts in New Media
- COM 3315 - Interviewing
- COM 3325 - Intercultural Communication
- COM 3330 - News Reporting and Writing
- COM 3335 - Public Relations Principles
- COM 3340 - Digital Media Production
- COM 3355 - Public Relations Cases
- COM 3360 - Photojournalism
- COM 3375 - Public Relations Writing
- COM 3376 - Interpersonal Communication

- COM 3398 - Internship in Communication
- COM 4100 - Directed Applied Research
- COM 4400 - Directed Study
- COM 4405 - Organizational Publications
- COM 4420 - Advanced Media Writing
- COM 4425 - Gender, Race and Media
- COM 3429 - Persuasion Methods and Strategies
- COM 4430 - Media Management
- COM 4445 - Advanced Digital Audio Production
- COM 4450 - Advanced Digital Video Production
- COM 4444 - Film and Video Structure and Process
- COM 4470 - Media Law
- COM 4490 - Special Topics in Communication
- FILM 3105 - Fundamentals of Writing for Film and Television
- FILM 3200 - Film History and Theory I
- POLS 3380 - Mass Media and Politics
- WRIT 3150 - Writing in Digital Environments
- WRIT 3160 - Argumentative Writing

Journalism and Citizen Media

Concentration requirements (15 Credit Hours)

- COM 3330 - News Reporting and Writing
- COM 3340 - Digital Media Production
- COM 4420 - Advanced Media Writing
- COM 4470 - Media Law
- COM 4488 - Multi-Media Visions of Community (Capstone)

Advanced Journalism Elective (choose two) (6 Credit Hours)

- COM 3315 - Interviewing
- COM 3360 - Photojournalism
- COM 4410 - Investigative Reporting
- COM 4445 - Advanced Digital Audio Production
- COM 4450 - Advanced Digital Video Production

Upper Division Major Elective Courses (9 Credit Hours)

Choose three courses from any COM course not previously taken. Each concentration provides students a recommended list of electives for that concentration.

Related Studies (12 Credit Hours)

Select 12 hours of upper division course work (3000-4000 level) outside of communication. These hours do not have to be taken in a single discipline, but should relate to a particular interest or career goal. Students should determine prerequisites for upper-division elective courses and take them as electives in lower division major requirement or free electives. Completion of Formal Minor or Certificate Program would also satisfy the Related Studies requirement.

Free Electives (12 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Major in Criminal Justice, BS

College of Humanities and Social Sciences,
Department of Sociology and Criminal Justice
(770) 423-6739

The Criminal Justice system is an institution that is at the crux of societal concern. People not only want to have a better understanding of these problems; many also want to become a part of the solution. The program of study infuses knowledge about criminal justice systems and process, communication skills, multicultural issues, crime context research, moral and ethical considerations, management concerns, and technological applications into the coursework. The program is geared toward two student groups: traditional and non-traditional age students who are interested in pursuing a degree and a career in the field, and criminal justice professionals who are seeking credentialing through a bachelor's degree. Following a core of required courses that includes cultural diversity, ethics, and foreign language, the student selects one of three major concentrations tied to his or her intellectual interests and career status and goals:

- Criminal Justice Administration
- Forensic Behavioral Science
- Technology and Crime

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) and Selected Concentration (18 Credit Hours)

- CRJU 1101 - Foundations of Criminal Justice
- SOCI 2201 - Principles of Sociology
- SPAN 2034 - Spanish for Criminal Justice

Select three of the following:

- ACCT 2100 - Introduction to Financial Accounting
- ANTH 2201 - Introduction to Anthropology
- GEOG 1101 - World Regional Geography
- HS 2233 - Overview of Human Services
- ISA 3100 - Principles of Information Security
- PSYC 1101 - Introductory Psychology

- SPAN 1001 - Introduction To Spanish Language and Culture I
  or
- FL 1001 - Introduction to Foreign Language and Culture I

Upper Division Major Requirements (24 Credit Hours)

Required Core for Major Field

- CRJU 3301 - Research Methods in Criminal Justice
- CRJU 3310 - Police in America
- CRJU 4100 - Ethics in Criminal Justice
- CRJU 4499 - Senior Seminar in Criminal Justice
- SOCI 4432 - Criminology

- CRJU 3332 - Corrections
  or
- CRJU 3352 - Juvenile Delinquency and Corrections

- CRJU 3398 - Internship
  or
- SA 4490 - Upper-division Study Abroad
-
- POLS 4411 - Criminal Law
  or
- CRJU 3315 - Criminal Procedure

Cultural Diversity (Select one) (3 Credit Hours):

- ANTH 3310 - Cultural Diversity in the U.S.
- ANTH 3307 - Cultural Anthropology
- PSYC 3355 - Cross-Cultural Psychology
- SOCI 3314 - Race and Ethnicity

Contextual Factors of Crime (Select two) (6 Credit Hours):

- CRJU 3400 - Ideological/Group Violence and Law Enforcement
- CRJU 4430 - Victimology
- GEOG 3300 - Urban Geography
- SOCI 3360 - Sociology of Violence
- SOCI 4200 - Drugs, Alcohol and Society
- SOCI 4442 - Deviance and Social Control

Major Concentration (Select three courses in one concentration) (9 Credit Hours)

Criminal Justice Administration and Law Concentration

- CRJU 3300 - Criminal Courts
- CRJU 3311 - Police Administration
- CRJU 3340 - Legal Analysis
- POLS 3343 - Principles of Public Administration
- SOCI 3304 - Social Organization
- SOCI 4444 - Social Change and Modernization

Forensic Behavioral Sciences Concentration

- CRJU 3320 - Criminal Investigation
- CRJU 3365 - Profile of the Serial Offender
- CRJU 4410 - Criminal Profiling and Analysis
- PSYC 4430 - Abnormal Psychology
- SOCI 3360 - Sociology of Violence *
- SOCI 4442 - Deviance and Social Control *

Technology and Crime Concentration

- CRJU 3305 - Technology and Criminal Justice
- CRJU 3320 - Criminal Investigation
- CRJU 4305 - Technology and Cyber Crime
- GEOG 3305 - Introduction to Cartographic Processes
- GEOG 3315 - Introduction to Geographic Information Systems
- GEOG 4405 - Advanced Geographic Information Systems

Related Studies (6 Credit Hours)
Select twelve hours of upper-division course work (3000-4000 level). These hours do not have to be taken in a single discipline, but should relate to a particular interest or career goal. Students should determine prerequisites for upper-division elective courses and take them as electives in lower-division major requirements or free electives.

Free Electives (12 Credit Hours)
Any courses in the university curriculum.

Program Total (123 Credit Hours)

Note:
*Students cannot use the same upper division level course for their upper division requirement and their concentration requirement.

Major in English, BA

College of Humanities and Social Sciences
Department of English
(770) 423-6297

English majors take 18 hours of courses in lower-division major requirements of the general education curriculum. These courses are designed as an introduction to the field of English Studies.

At the 3000/4000 level, students choose one course from each of eight categories: Language, Writing, Genres, Cultural Studies, Theory, and three period requirements.

The English major culminates in the Senior Seminar, which is the major's capstone course. All English majors must demonstrate competence in foreign languages up through the level of FL 2002.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)
- FL 2001 - Intermediate Foreign Language and Culture I
- FL 2002 - Intermediate Foreign Language
- ENGL 2145 - Introduction to English Studies
- ENGL 2160 - American Literature Survey
- ENGL 2172 - British Literature, Beginnings to 1660
- ENGL 2174 - British Literature, 1660 to Present

Upper Division Major Requirements (30 Credit Hours)
At least 24 of these 30 hours must be taken at Kennesaw State.

Three hours from each of the following eight groups (24 Credit Hours)

I. Language

- ENGL 3030 - Studies in Grammar and Linguistics *
- ENGL 3035 - Introduction to Language and Linguistics
- ENGL 3040 - History of the English Language

II. Writing

- WRIT 3100 - Poetry Writing
- WRIT 3109 - Careers in Writing
- WRIT 3110 - Playwriting
- WRIT 3111 - Professional Editing
- WRIT 3120 - Fiction Writing
- WRIT 3130 - Literary Nonfiction
- WRIT 3140 - Technical Writing
- WRIT 3150 - Writing in Digital Environments
- WRIT 3160 - Argumentative Writing
- WRIT 3170 - Environmental Writing and Literature

III. Genres

- FILM 3200 - Film History and Theory I
- FILM 3220 - Studies in Film *
- ENGL 3230 - Literary Genre *
- ENGL 3232 - Topics in Drama *

IV. Cultural Studies of Literature

- ENGL 3320 - Scriptural Literature *
- ENGL 3322 - Hebrew Scriptures of the Bible as Literature *
- ENGL 3324 - New Testament of the Bible as Literature *
- ENGL 3330 - Gender Studies *
- ENGL 3340 - Ethnic Literatures *
- ENGL 3350 - Regional Literature *
- ENGL 3360 - Major African American Writers *
- ENGL 3400 - Survey of African Literatures *
- ENGL 3500 - Topics in African American Literature *
- ENGL 3600 - Topics in African Diaspora Literatures *
- ENGL 4401 - Topics in African Literatures *

V. Theory

- ENGL 4220 - Critical Theory
- ENGL 4230 - Theory-Based Studies in Literature *
- ENGL 4240 - Rhetorical Theory

VI. Studies in Literature Before 1800

- ENGL 4340 - Shakespeare
- ENGL 4360 - American Literature Before 1800 *
- ENGL 4370 - British Medieval and Chaucerian Literature
- ENGL 4372 - British Renaissance Literature
- ENGL 4374 - Studies in Restoration and Eighteenth-Century Literature
- ENGL 4380 - World Literature Before 1800 *

VII. Studies in 19th-Century Literature

- ENGL 4460 - 19th-Century American Literature *
- ENGL 4470 - 19th-Century British Literature *
- ENGL 4480 - 19th-Century World Literature *

VIII. Studies in 20th-Century Literature

- ENGL 4560 - 20th-Century American Literature *
- ENGL 4570 - 20th-Century British Literature *
- ENGL 4580 - 20th-Century World Literature *

Senior Seminar (3 Credit Hours)
- ENGL 4620 - Senior Seminar

Elective (3 Credit Hours)
3000 or 4000-Level ENGL/FILM/WRIT

Upper Level Electives (9 Credit Hours)
These 9 hours of upper-division studies can be selected from any 3000- or 4000-level courses in the university curriculum.

Free Electives (21 Credit Hours)
Any courses in the university curriculum.

Program Total (123 Credit Hours)

Major in English Education, BS

Leading to Certification for Grades 6-12
College of Humanities and Social Sciences,
Department of English
(770) 423-6297

This single field program is designed to prepare English teachers of adolescents, largely at the secondary school level (grades 6 through 12). It leads to 6-12 teacher certification in the teaching field of English/Language Arts in Georgia. Candidates complete the equivalent of a major in English/Language Arts and a second major in pedagogical studies with an emphasis on teaching English/Language Arts.

The English Education program aims to prepare teachers who have a broad, rich knowledge of the discipline of English (including courses in British, American, and world literature, language theory, and writing) and who enact an integrated, reflective, and theoretically informed pedagogy for English/Language Arts.

This program is fully accredited by NCATE (National Council for Accreditation of Teacher Education), is nationally recognized by NCTE, (National Council of Teachers of English), and is fully approved by Georgia's Professional Standards Commission for teacher certification.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2130 - Exploring Teaching and Learning
- ENGL 2145 - Introduction to English Studies
- ENGL 2160 - American Literature Survey
- ENGL 2172 - British Literature, Beginnings to 1660
- ENGL 2174 - British Literature, 1660 to Present

Required Teaching Field Courses (30 Credit Hours)

- ENGL 2271 - Presentation in the English/Language Arts Classroom
- ENGL 3035 - Introduction to Language and Linguistics
- ENGL 3310 - Principles of Writing Instruction
- ENGL 3241 - Technology and Digital Media in English/Language Arts
- ENGL 4340 - Shakespeare

Other Teaching Field Requirements

Studies in 19th-Century Literature (choose one) (3 Credit Hours)

- ENGL 4460 - 19th-Century American Literature
- ENGL 4470 - 19th-Century British Literature
- ENGL 4480 - 19th-Century World Literature

Studies in 20th-Century Literature (choose one) (3 Credit Hours)

- ENGL 4560 - 20th-Century American Literature
- ENGL 4570 - 20th-Century British Literature
- ENGL 4580 - 20th-Century World Literature

Cultural Studies of Literature (choose one) (3 Credit Hours)

- AMST 3700 - Principles and Methods of American Studies
- AMST 3710 - U.S. in the World
- AMST 3740 - American Popular Culture
- AMST 3750 - Place in American Culture
- AMST 3760 - American Identities
- AMST 3770 - American Cultural Productions
- AMST 3780 - American Cultural Movements
- ENGL 3320 - Scriptural Literature
- ENGL 3322 - Hebrew Scriptures of the Bible as Literature
- ENGL 3324 - New Testament of the Bible as Literature
- ENGL 3330 - Gender Studies
- ENGL 3340 - Ethnic Literatures
- ENGL 3350 - Regional Literature
- ENGL 3360 - Major African American Writers
- ENGL 3400 - Survey of African Literatures
- ENGL 3500 - Topics in African American Literature
- ENGL 3600 - Topics in African Diaspora Literatures
- ENGL 4401 - Topics in African Literatures

Theory (3 Credit Hours)

- ENGL 3391 - Teaching Literature to Adolescents

Professional Education (6-12) Requirements (30 Credit Hours)

- INED 3304 - Education of Exceptional Students
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDRD 4409 - Young Adult Literature: Cross-Curricular Approaches for Diverse Learners
- ENED 4414 - Teaching of English/Language Arts

- ENED 4415 - Teaching of English/Language Arts (6-12) Internship

- ENED 4475 - Student Teaching: English (6-12)
  or
- ENED 4498 - Internship in Teaching English (for provisional teachers only)

Program Total (123 Credit Hours)

Major in Geography, BA

College of Humanities and Social Sciences
Department of Geography and Anthropology
(678) 797-2373

The Bachelor of Arts in Geography provides students with an understanding of various aspects of the Earth, including its physical features, the role of humans in modifying the Earth, and the relationships between peoples and places.

General Education (42 Credit Hours)

see listing of requirements
(It is recommended that students take MATH 1107 Elementary Statistics in Area D of the General Education Program.)

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (19 Credit Hours)

- ANTH 2201 - Introduction to Anthropology
- GEOG 1101 - World Regional Geography
- GEOG 1102 - Earth from Above

- GEOG 1112 - Weather and Climate
  or
- GEOG 1113 - Introduction to Landforms

- FL 2001 - Intermediate Foreign Language and Culture I
  or
- SOCI 2201 - Principles of Sociology (if satisfied under General Education requirements)

- FL 2002 - Intermediate Foreign Language

Upper Division Major Requirements (27 Credit Hours)

Major Requirements (two three-hour courses)

- GEOG 3398 - Internship
  or
- GEOG 4100 - Directed Applied Research

- GEOG 4499 - Senior Seminar in Geography

Select a total of 7 Courses:

- Choose two courses from Group A listed below.
- Choose one course from Group B listed below.
- Choose any four courses from Groups A, B, C, and/or D listed below.

Group A: Human/Regional Geography

- GEOG 3300 - Urban Geography
- GEOG 3310 - Historical Geography
- GEOG 3312 - Geography of Europe
- GEOG 3320 - Political Geography
- GEOG 3330 - Economic Geography
- GEOG 3340 - Cultural Geography
- GEOG 3350 - Geography of Sub-Saharan Africa
- GEOG 3360 - Geography of Asia
- GEOG 3370 - Geography of Latin America and the Caribbean
- GEOG 3380 - Geography of North America

Group B: Physical/Environmental Geography

- GEOG 3700 - Introduction to Environmental Studies
- GEOG 3800 - Climatology
- GEOG 3900 - Biogeography

Group C: Geographic Techniques

- GEOG 3305 - Introduction to Cartographic Processes
- GEOG 3315 - Introduction to Geographic Information Systems
- GEOG 4405 - Advanced Geographic Information Systems
- GEOG 4410 - Introduction to Remote Sensing

Group D: Miscellaneous Courses

- Study Abroad 3000-4000 level (any subject)
- GEOG 4490 - Special Topics in Geography

Related Studies (18 Credit Hours)

Upper-division studies beyond the major requirements as approved by the academic advisor.

Free Electives (14 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Major in Geographic Information Science, BS

College of Humanities and Social Sciences,
Department of Geography and Anthropology
(678) 797-2373

The Bachelor of Science degree program in Geographic Information Science (GISc) integrates Geographic Information Systems (GIS) technology with applied research domains. The principal objective of the proposed program is to produce high caliber graduates who are well trained in the technology, theory, and usage of GIS, computer science and information systems (CSIS), and basic geography. This knowledge will then be applied to one of three content areas: business systems, environmental systems, or urban systems. These three systems represent the largest and most common areas in which GIS is used in our society. Where GIS provides students with the technological tools, the specific content areas cited above provide the requisite theory and context.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (16-18 Credit Hours)

- GEOG 1101 - World Regional Geography
- GEOG 1102 - Earth from Above

- GEOG 1112 - Weather and Climate
  or
- GEOG 1113 - Introduction to Landforms

Lower Division Concentration (6-8 Credit Hours)

(Choose one of the following concentrations):

Environmental Systems

- BIOL 2107 - Biological Principles I
- BIOL 2108 - Biological Principles II

Urban Systems

- ANTH 2201 - Introduction to Anthropology
- SOCI 2201 - Principles of Sociology

Major Requirements (36 Credit Hours)

Professional Skills Related Courses (12 Credit Hours)

- IS 3260 - Web Development I

- IS 3280 - Data Management
  or
- CS 3310 - Introduction to Database Systems

- IS 3080 - Information Resource Management

Upper Division Major Requirements (24 credit hours)

- GEOG 3305 - Introduction to Cartographic Processes
- GEOG 3315 - Introduction to Geographic Information Systems
- GEOG 3398 - Internship
- GEOG 4405 - Advanced Geographic Information Systems
- GEOG 4410 - Introduction to Remote Sensing
- GEOG 4490 - Special Topics in Geography
- GEOG 4499 - Senior Seminar in Geography

Major Concentration (Select one concentration):

Environmental Systems (16 Credit Hours)

- BIOL 3370 - Ecology
- GEOG 3700 - Introduction to Environmental Studies
- POLS 4456 - International Environmental Policy
- GEOG 3800 - Climatology
- GEOG 3900 - Biogeography

Urban Systems (15 Credit Hours)

- GEOG 3300 - Urban Geography
- POLS 4412 - Urban Affairs and Problems

- GEOG 3320 - Political Geography
  or
- GEOG 3340 - Cultural Geography

- GEOG 3330 - Economic Geography
- SOCI 4432 - Criminology

Free Electives (8 - 11 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Major in History, BA

College of Humanities and Social Sciences,
Department of History and Philosophy
(770) 423-6294

The program of study in history offers a Bachelor of Arts degree. All majors take several "general requirements" (including a three-hour Senior Seminar) which provide needed background in research and writing, in the theory of the discipline, and in the various fields of history.

In addition, the program allows selection of one of three concentrations: World History and Cultures, American History and Culture, and History of Ideas. Each concentration includes complementary interdisciplinary electives which students can tailor to suit their own interests. The History of Ideas concentration provides interdisciplinary study in both history and philosophy. Each concentration provides an opportunity for an internship or other applied experience to help students make the transition from undergraduate work into a career or graduate study. A degree in history is useful to students interested in careers involving research and writing. It serves as a prerequisite for graduate study in a number of fields, including history and many other social science disciplines, law, and theology. The concentration in American History and Culture can equip students for careers in public history, especially if students complete an appropriate internship, or for graduate study. The World History and Cultures concentration can prepare students for careers in the international arena, as well as for many positions in the government or for graduate study. The concentration in History of Ideas should be especially useful as preparation for graduate study in history, philosophy, law, or theology. The History and Philosophy Department also offers a Certificate in Public History. The six-course sequence is designed to enhance a student's ability to find employment in historic preservation, archival management, museum administration, or heritage tourism.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- HIST 2206 - Origins of Great Traditions
- HIST 2111 - America to 1890
- HIST 2271 - Introduction to the History Profession

- FL 2001 - Intermediate Foreign Language and Culture I *
  or
- PHIL 2200 - Ways of Knowing

- GEOG 1101 - World Regional Geography
- FL 2002 - Intermediate Foreign Language

Note:
*If not already taken in General Education area.

Upper Division Major Requirements (9 Credit Hours)

- HIST 3305 - The World Since 1945
- HIST 3376 - Historiographical Debates
- HIST 4499 - Senior Seminar

Major Concentration (39 Credit Hours)

Choose one of three major concentrations:

American History and Culture Concentration

A total of six history courses selected as follows:

At least four but not more than five courses from the following: (12-15 Credit Hours)

- HIST 3304 - History of Georgia
- HIST 3310 - The Old South
- HIST 3311 - The New South
- HIST 3315 - The History of the American West
- HIST 3321 - Diplomatic History of the United States
- HIST 3331 - History of Religion in U.S.
- HIST 3332 - U.S. Social and Cultural History
- HIST 3333 - African American History to 1865
- HIST 3335 - African American History, 1865 to Present
- HIST 3340 - U.S. Military Experience
- HIST 3341 - Women in U.S. History and Culture
- HIST 3345 - Business & Economic History of United States
- HIST 3366 - History of Mexico and Central America
- HIST 4410 - Colonial America to 1763
- HIST 4411 - The American Revolution
- HIST 4412 - The Early Republic
- HIST 4415 - Jacksonian America
- HIST 4435 - History and Memory
- HIST 4451 - Civil War and Reconstruction
- HIST 4461 - Gilded Age & Progressive Era
- HIST 4471 - Recent United States History
- HIST 4490 - Special Topics in History (as appropriate)

In addition to the courses listed above, students may use one of the following in the above section:

- HIST 3325 - Introduction to Public History
- HIST 3326 - Historic Preservation
- HIST 3327 - Architectural History
- HIST 4425 - Oral History
- HIST 4426 - Documentation and Interpretation of Historic Sites
- HIST 4430 - Museum Studies

At least one but no more than two history courses chosen from catalog listings other than those above (3-6 Credit Hours)

Required:
PHIL 3020 - American Philosophy (3 Credit Hours)

At least four but not more than five related to the major concentration from the following: (12-15 Credit Hours)

(An appropriate minor or certificate program may be substituted with approval of major advisor)

- FL Appropriate 3000-4000 level courses in Spanish or French
- Appropriate 4490 Special Topics course in any related discipline
- Any AMST course
- ANTH 3310 - Cultural Diversity in the U.S.
- ANTH 3321 - Indigenous Peoples of North America
- ANTH 4421 - North American Archeology
- ANTH 4425 - Historical Archeology

- ARH 3750 - History of American Art
- ARH 4150 - African-American Art
- CRJU 3352 - Juvenile Delinquency and Corrections
- ENGL 3330 - Gender Studies
- ENGL 3340 - Ethnic Literatures
- ENGL 3350 - Regional Literature
- ENGL 3360 - Major African American Writers
- ENGL 4360 - American Literature Before 1800
- ENGL 4460 - 19th-Century American Literature
- ENGL 4560 - 20th-Century American Literature
- GWST 3000 - Introduction to Gender and Women's Studies
- GWST 3010 - Queer Theory & Sexuality
- GWST 3020 - Black Feminisms
- GWST 3030 - Gender in Popular Culture
- PHIL 3130 - Feminist Philosophy
- POLS 3315 - American Constitutional Law: Federalism
- POLS 3320 - Legal Research
- POLS 3350 - American Foreign Policy
- POLS 3360 - The United States Congress
- POLS 3370 - The United States Presidency
- POLS 3380 - Mass Media and Politics
- POLS 3385 - Campaigns and Elections
- POLS 4402 - Political Parties
- POLS 4410 - American Legal System
- POLS 4412 - Urban Affairs and Problems
- POLS 4415 - Civil Liberties
- POLS 4420 - Judicial Process
- POLS 4427 - American Political Thought
- SOCI 3310 - Introduction to Gerontology
- SOCI 3314 - Race and Ethnicity
- SOCI 3324 - Sociology of Gender
- SOCI 3354 - Social Class and Mobility
- SOCI 3364 - Sociology of the Family
- SOCI 4432 - Criminology

One to two 3000-4000 level electives from any discipline. (3-6 Credit Hours)
One of these should be an internship, directed study, approved studies abroad course, or other academic experience chosen in consultation with advisor.

History of Ideas Concentration
Select a total of five history courses as follows:
At least three but no more than four courses from the following: (9-12 Credit Hours)
HIST 3331 - History of Religion in U.S.

- HIST 3337 - Greek and Roman History
- HIST 3377 - History of Science
- HIST 4410 - Colonial America to 1763
- HIST 4440 - Medieval Europe
- HIST 4444 - Renaissance and Reformation Europe
- HIST 4445 - Age of Enlightenment
- HIST 4454 - Twentieth Century Europe
- HIST 4490 - Special Topics in History

One or two upper level history courses chosen from catalog listings other than those above (3-6 Credit Hours)

Required: (9 Credit Hours)

- one additional Philosophy course
- PHIL 3000 - Ancient and Medieval Philosophy
- PHIL 3010 - Modern Western Philosophy (required)

Four (4) other courses selected from the following: (12 Credit Hours)

(An appropriate minor or certificate program may be substituted with approval of major advisor)

- Appropriate 4490 Special Topics Course in above disciplines
- ANTH 3307 - Cultural Anthropology
- ARH 2850 - Renaissance through Modern Art
- ARH 3500 - Italian Renaissance Art
- ARH 3600 - Baroque Art
- ARH 3700 - Nineteenth-Century Art
- ENGL 3040 - History of the English Language
- ENGL 3230 - Literary Genre
- ENGL 4220 - Critical Theory
- ENGL 4230 - Theory-Based Studies in Literature
- FREN 3304 - Literature and Culture I
- FREN 3305 - Literature and Culture II
- FREN 4402 - Contemporary Culture
- FREN 4434 - Topics in Language, Literature, and Culture
- PHIL 3100 - Ethics
- PHIL 2300 - Logic
- PHIL 4010 - Contemporary Western Philosophy
- PHIL 3020 - American Philosophy
- PHIL 3130 - Feminist Philosophy
- PHIL 3030 - Existentialism
- PHIL 3200 - Asian Philosophy
- POLS 2270 - Political Ideologies
- POLS 3315 - American Constitutional Law: Federalism
- POLS 3320 - Legal Research
- POLS 4405 - Comparative Legal Systems
- POLS 4410 - American Legal System
- POLS 4415 - Civil Liberties
- POLS 4420 - Judicial Process
- POLS 4423 - Great Political Thinkers
- POLS 4427 - American Political Thought
- SOCI 3333 - Technology and Society
- SOCI 3334 - Religion and Society
- SOCI 4444 - Social Change and Modernization
- SPAN 3305 - Literature and Culture II
- SPAN 4402 - Contemporary Culture
- SPAN 4434 - Topics in Language, Literature, and Culture

One upper level elective (3 Credit Hours)

Preferably internship, directed study, studies abroad course, or other study experience chosen in conjunction with advisor.

World History and Cultures Concentration
Select a total of six history courses, as follows: (18 Credit Hours)

Five courses from the following: (12-15 Credit Hours)

- HIST 3334 - The Africans in the Diaspora
- HIST 3337 - Greek and Roman History
- HIST 3350 - England to 1688
- HIST 3351 - Modern England

- HIST 3358 - Africans in Latin America and the Caribbean
- HIST 3360 - Russian Empire to 1917
- HIST 3366 - History of Mexico and Central America
- HIST 3367 - History of Brazil
- HIST 3373 - Modern India and South Asia
- HIST 3374 - Modern China and Japan
- HIST 3377 - History of Science
- HIST 3382 - North Africa and the Middle East in Modern Times
- HIST 3391 - History of West Africa
- HIST 3392 - History of Southern, Eastern and Central Africa
- HIST 3393 - Emerging Themes in African History
- HIST 4440 - Medieval Europe
- HIST 4444 - Renaissance and Reformation Europe
- HIST 4445 - Age of Enlightenment
- HIST 4454 - Twentieth Century Europe
- HIST 4455 - Twentieth Century Russia
- HIST 4456 - World War II
- HIST 4475 - War and Revolution in Southeast Asia
- HIST 4490 - Special Topics in History

One history course chosen from other catalog offerings other than those above (3 Credit Hours)

At least three but no more than five courses related to the major concentration from the following: (9-15 Credit Hours)

(An appropriate minor or certificate program may be substituted with approval of major advisor)

- Appropriate 4490 Special Topics Course in any related discipline
- ANTH 3310 - Cultural Diversity in the U.S.
- ANTH 3350 - Cultures and Societies of the World
- ANTH 3307 - Cultural Anthropology
- ARH 2850 - Renaissance through Modern Art
- ARH 3100 - African Art
- ARH 3250 - Latin American Art
- ARH 3500 - Italian Renaissance Art
- ARH 3600 - Baroque Art
- ENGL 4340 - Shakespeare
- ENGL 4360 - American Literature Before 1800
- ENGL 4370 - British Medieval and Chaucerian Literature
- ENGL 4380 - World Literature Before 1800
- ENGL 4470 - 19th-Century British Literature
- ENGL 4480 - 19th-Century World Literature
- ENGL 4570 - 20th-Century British Literature
- ENGL 4580 - 20th-Century World Literature
- GEOG 3300 - Urban Geography
- GEOG 3310 - Historical Geography
- GEOG 3312 - Geography of Europe
- GEOG 3320 - Political Geography
- GEOG 3330 - Economic Geography
- GEOG 3340 - Cultural Geography
- GEOG 3350 - Geography of Sub-Saharan Africa
- GWST 3000 - Introduction to Gender and Women's Studies
- PHIL 3000 - Ancient and Medieval Philosophy
- PHIL 3010 - Modern Western Philosophy
- PHIL 4010 - Contemporary Western Philosophy

- PHIL 2110 - Religions of the World
- PHIL 3030 - Existentialism
- PHIL 3200 - Asian Philosophy
- POLS 2240 - Introduction to Comparative Politics
- POLS 2270 - Political Ideologies
- POLS 4405 - Comparative Legal Systems
- POLS 4423 - Great Political Thinkers
- POLS 4430 - International Law and Organization
- POLS 4435 - Comparative Foreign Policy
- POLS 4436 - Politics of Developing Areas
- POLS 4438 - Politics of International Economic Relations
- POLS 4451 - Politics and Government in Post-Communist Europe
- POLS 4452 - Politics of the Pacific Rim
- POLS 4453 - Latin America: Democracy and Development
- POLS 4454 - Politics of the Middle East
- POLS 4455 - International Relations of Africa
- POLS 4456 - International Environmental Policy

At least one but no more than three 3000-4000 level foreign language courses (3-9 Credit Hours)

One to two upper-level electives from any discipline. (3-6 Credit Hours)
One of these should be an internship, directed study, approved studies abroad course, or other academic experience chosen in consultation with advisor.

Free Electives (12 Credit Hours)
Any courses in the university curriculum.

Program Total (123 Credit Hours)

Major in History Education, BS

Leading to Certification for Grades 6-12
College of Humanities and Social Sciences,
Department of History & Philosophy
(770) 423-6294

This program is designed to prepare teachers of adolescents, largely at the secondary school level. It leads to 6-12 teacher certification in the teaching field of history in Georgia. Candidates complete the equivalent of a major in history and a second major in pedagogical studies. Candidates concentrate in history as this is the principal social science discipline in the secondary education curriculum and take additional course work in several other social science disciplines as part of their cross-disciplinary teaching field preparation.

The B.S. in History Education is fully accredited by the National Council for Accreditation of Teacher Education (NCATE), is fully approved by Georgia's Professional Standards Commission for teacher certification, and is nationally recognized by the National Council for the Social Studies (NCSS).

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- GEOG 1101 - World Regional Geography
- HIST 2111 - America to 1890
- HIST 2206 - Origins of Great Traditions
- HIST 2271 - Introduction to the History Profession

Teaching Field Requirements (36 Credit Hours)

(Courses to be chosen with advisor):

American History (choose two) (6 Credit Hours)

- HIST 3310 - The Old South
- HIST 3311 - The New South
- HIST 3315 - The History of the American West
- HIST 3321 - Diplomatic History of the United States
- HIST 3331 - History of Religion in U.S.
- HIST 3332 - U.S. Social and Cultural History
- HIST 3333 - African American History to 1865
- HIST 3335 - African American History, 1865 to Present
- HIST 3340 - U.S. Military Experience
- HIST 3341 - Women in U.S. History and Culture
- HIST 3345 - Business & Economic History of United States
- HIST 4410 - Colonial America to 1763
- HIST 4411 - The American Revolution
- HIST 4412 - The Early Republic
- HIST 4415 - Jacksonian America
- HIST 4451 - Civil War and Reconstruction
- HIST 4461 - Gilded Age & Progressive Era
- HIST 4471 - Recent United States History
- HIST 4490 - Special Topics in History (as appropriate)

European History (choose one) (3 Credit Hours)

- HIST 3307 - Introduction to European Union
- HIST 3337 - Greek and Roman History
- HIST 3342 - The Holocaust
- HIST 3350 - England to 1688
- HIST 3351 - Modern England
- HIST 3360 - Russian Empire to 1917
- HIST 3377 - History of Science
- HIST 4440 - Medieval Europe
- HIST 4444 - Renaissance and Reformation Europe
- HIST 4445 - Age of Enlightenment
- HIST 4454 - Twentieth Century Europe
- HIST 4455 - Twentieth Century Russia
- HIST 4456 - World War II
- HIST 4490 - Special Topics in History (as appropriate)

Non-Western World Studies (choose two) (6 Credit Hours)

- HIST 3334 - The Africans in the Diaspora
- HIST 3357 - Africans in Asia
- HIST 3358 - Africans in Latin America and the Caribbean
- HIST 3366 - History of Mexico and Central America
- HIST 3367 - History of Brazil
- HIST 3372 - Ancient to Pre-Modern China
- HIST 3373 - Modern India and South Asia
- HIST 3374 - Modern China and Japan
- HIST 3382 - North Africa and the Middle East in Modern Times
- HIST 3391 - History of West Africa
- HIST 3392 - History of Southern, Eastern and Central Africa
- HIST 4475 - War and Revolution in Southeast Asia
- HIST 3393 - Emerging Themes in African History
- HIST 4490 - Special Topics in History (as appropriate)

Specifically-Required History Courses (9 Credit Hours)

- HIST 3304 - History of Georgia
- HIST 3305 - The World Since 1945
- HIST 4488 - Approaches to World History

Political Science (3 Credit Hours)

- POLS 3300 - U.S. Constitution and Courts

Economics (3 Credit Hours)

- ECON 2100 - Principles of Microeconomics

Geography (choose two) (6 Credit Hours)

- GEOG 3300 - Urban Geography
- GEOG 3310 - Historical Geography
- GEOG 3312 - Geography of Europe
- GEOG 3320 - Political Geography
- GEOG 3330 - Economic Geography
- GEOG 3340 - Cultural Geography
- GEOG 3350 - Geography of Sub-Saharan Africa
- GEOG 3360 - Geography of Asia
- GEOG 3370 - Geography of Latin America and the Caribbean
- GEOG 3380 - Geography of North America
- GEOG 3700 - Introduction to Environmental Studies
- GEOG 4490 - Special Topics in Geography (as appropriate)

Professional Education (6-12) Requirements (27 Credit Hours)

Must be admitted to Teacher Education before taking these courses

- EDUC 2130 - Exploring Teaching and Learning
- INED 3304 - Education of Exceptional Students
- HIED 4413 - Teaching of Social Sciences (6-12)
- HIED 4414 - Teaching of Social Sciences Practicum

Must be Admitted to Student Teaching before enrollment

- HIED 4475 - Student Teaching: Social Sciences (6-12)

Program Total (126 Credit Hours)

Major in International Affairs, BA

Department of Political Science and International Affairs (770) 423-6227

The program of study in International Affairs leads to a Bachelor of Arts degree. The degree plays an integral role in the Department of Political Science and International Affairs and draws upon disciplines such as political science, economics, history, foreign language, geography and anthropology. In this interdisciplinary major, the student must complete five required upper division major courses including the senior seminar followed by five courses in one of the four major concentrations.

Firsthand international experiences can be acquired through a coop/internship option or study abroad programs. This degree prepares graduates for careers in business, nonprofit organizations, law or government service.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- Foreign Languages (The 2001-2002 sequence must be taken in a single foreign language) (6 Credit Hours)
- POLS 2240 - Introduction to Comparative Politics
- POLS 2250 - Introduction to International Relations
-
- POLS 2280 - Research Methods
- or
- ACCT 2100 - Introduction to Financial Accounting
- or
- ECON 2300 - Business Statistics
-
- ECON 2100 - Principles of Microeconomics (Counted in General Education)
- ECON 2200 - Principles of Macroeconomics

Upper Division Major Requirements (15 Credit Hours)

Select four courses and POLS 4499 Senior Seminar.

- HIST 3305 - The World Since 1945
- POLS 3350 - American Foreign Policy
- POLS 4423 - Great Political Thinkers
- POLS 4430 - International Law and Organization
- POLS 4436 - Politics of Developing Areas
- POLS 4437 - Global Security
- POLS 4438 - Politics of International Economic Relations
- POLS 4499 - Senior Seminar

Related Studies (15 Credit Hours)

Upper-division studies beyond the major requirements as approved by the academic advisor.

Major Concentration (15 Credit Hours)

Students will take five courses in their concentration. For Concentration I, select no more than two courses from each discipline. The disciplines include:

1. Anthropology, Geography, Psychology
2. History
3. Political Science

For Concentration II, select no more than two courses from Management and/or Political Science. For Concentration III, students will select one language i.e. French, Italian, Spanish, German, or Chinese and complete five courses in that language.

Concentration I: Diplomatic and International Service

- ANTH 3350 - Cultures and Societies of the World
- ANTH 3307 - Cultural Anthropology
- GEOG 3312 - Geography of Europe
- GEOG 3320 - Political Geography
- GEOG 3350 - Geography of Sub-Saharan Africa
- GEOG 3360 - Geography of Asia
- GEOG 3370 - Geography of Latin America and the Caribbean
- HIST 3321 - Diplomatic History of the United States
- HIST 3334 - The Africans in the Diaspora
- HIST 3366 - History of Mexico and Central America
- HIST 3367 - History of Brazil
- HIST 3373 - Modern India and South Asia
- HIST 3374 - Modern China and Japan
- HIST 3382 - North Africa and the Middle East in Modern Times
- HIST 3391 - History of West Africa
- HIST 3392 - History of Southern, Eastern and Central Africa
- HIST 4454 - Twentieth Century Europe
- HIST 4455 - Twentieth Century Russia
- POLS 4000 - Practicum in Political Science and International Affairs
- POLS 4431 - Politics of International Terrorism
- POLS 4451 - Politics and Government in Post-Communist Europe
- POLS 4452 - Politics of the Pacific Rim
- POLS 4453 - Latin America: Democracy and Development
- POLS 4454 - Politics of the Middle East
- POLS 4455 - International Relations of Africa
- POLS 4457 - South Asian Politics: A Comparative Perspective
- PSYC 3355 - Cross-Cultural Psychology

Concentration II: International Business, Economics and Policy

- ECON 4310 - Economic Development in Global Perspective
- ECON 4410 - International Trade and Finance
- GEOG 3330 - Economic Geography
- HIST 3374 - Modern China and Japan
- MGT 3600 - Introduction to International Business
- MGT 4174 - International Human Resource Management
- MGT 4190 - International Management
- MGT 4476 - Contemporary Global Business Practices
- MKTG 4476 - Contemporary Global Business Practices
- MKTG 4820 - International Marketing
- NURS 4423 - International Health Policy
- POLS 3350 - American Foreign Policy
- POLS 4000 - Practicum in Political Science and International Affairs
- POLS 4433 - European Union Politics
- POLS 4438 - Politics of International Economic Relations
- POLS 4452 - Politics of the Pacific Rim
- POLS 4456 - International Environmental Policy
- PSYC 3355 - Cross-Cultural Psychology

Concentration III: Applied Languages

- CHNS 3200 - Critical Reading and Applied Writing
- CHNS 3302 - Practical Conversation
- CHNS 3303 - Grammar and Composition

  or
- FREN 3200 - Critical Reading and Applied Writing
- FREN 3302 - Practical Conversation
- FREN 3303 - Grammar and Composition

  or
- GRMN 3200 - Critical Reading and Applied Writing
- GRMN 3302 - Practical Conversation
- GRMN 3303 - Grammar and Composition

  or
- ITAL 3200 - Critical Reading and Applied Writing
- ITAL 3302 - Practical Conversation
- ITAL 3303 - Grammar and Composition

  or
- SPAN 3200 - Critical Reading and Applied Writing
- SPAN 3302 - Practical Conversation
- SPAN 3303 - Grammar and Composition

Electives: 6 credit hours total

3- 6 credit hours of 3000-4000 level foreign language courses in the above-chosen language, or 3-6 credit hours of POLS 4000 Practicum in Political Science and International Affairs.

Concentration IV: Applied Global Experience

Students will complete a full-time study abroad program of ten weeks or more which must be pre-approved by an IA advisor and the department chair. Full-time status will be based upon the criteria set by host institution. Courses taken in this concentration will be taken on a pass/fail basis. All courses must be passed in order for this concentration to be complete.

Free Electives (15 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Major in Modern Language and Culture, BA

College of Humanities and Social Sciences
Department of Foreign Languages
(770) 423-6366

Speaking a second language and understanding other cultures are of strategic importance in a world in which international collaboration is not only necessary for political survival, but also indispensable for economic success. The B.A. in Modern Language and Culture prepares graduates who are able to communicate effectively in one or more foreign languages and have a keen understanding of how humans interact across world cultures. Graduates will be familiar with current global issues and possess the knowledge, skills, and versatility needed to succeed academically and professionally in an ever-changing society.

The B.A. in Modern Language and Culture is designed to develop students' communication skills and understanding of other cultures and to foster respect for difference and diversity in a global society. Students choose one of three primary languages—French or Spanish or German—in which they develop and refine language proficiency as well as cross-cultural competence. In the course of their studies, Modern Language and Culture majors acquire and practice the communication skills and cultural competence necessary to function effectively in a global society. The curriculum prepares degree candidates for future academic programs and professional careers in which foreign language proficiency and cultural knowledge are desirable or required or both.

The B.A. in Modern Language and Culture is fully accredited by NCATE (National Council for Accreditation of Teacher Education) and nationally recognized by ACTFL (American Council on the Teaching of Foreign Languages).

All majors must take an official Oral Proficiency Interview (OPI). In addition, majors choosing the "Teacher Certification in a Foreign Language" concentration must receive a minimum rating of "Advanced Low" to graduate and to receive a recommendation for certification. For information about the OPI, see http://www.actfl.org .

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

Select a primary language: French, or German, or Spanish

- FREN 2001 - Intermediate French Language and Culture I
  or
- GRMN 2001 - Intermediate German Language and Culture I
  or
- SPAN 2001 - Intermediate Spanish Language and Culture I

- FREN 2002 - Intermediate French Language and Culture II
  or
- GRMN 2002 - Intermediate German Language and Culture II
  or
- SPAN 2002 - Intermediate Spanish Language and Culture II
- FL 2209 - World Languages and Cultures

Select three courses from one of the following concentrations:

Second Language and Culture
(the language chosen must be different from the primary language)

- FREN 1002 - Introduction to French Language and Culture II
  or
- GRMN 1002 - Introduction to German Language and Culture II
  or
- ITAL 1002 - Introduction to Italian Language and Culture II
  or
- SPAN 1002 - Introduction to Spanish Language and Culture II (or higher)

- FREN 2001 - Intermediate French Language and Culture I
  or
- GRMN 2001 - Intermediate German Language and Culture I
  or
- ITAL 2001 - Intermediate Italian Language and Culture I
  or
- SPAN 2001 - Intermediate Spanish Language and Culture I (or higher)

- FREN 2002 - Intermediate French Language and Culture II
  or
- GRMN 2002 - Intermediate German Language and Culture II
  or
- ITAL 2002 - Intermediate Italian Language and Culture II
  or
- SPAN 2002 - Intermediate Spanish Language and Culture II (or higher)

OR Teacher Certification in Foreign Language

- FL 1001 - Introduction to Foreign Language and Culture I * (or higher)
  or
- CHNS 1001 - Introduction to Chinese Language and Culture I *(or higher)
  or
- FREN 1001 - Introduction to French Language and Culture I * (or higher)
  or
- GRMN 1001 - Introduction to German Language and Culture I * (or higher)
  or
- ITAL 1001 - Introduction to Italian Language and Culture I * (or higher)
  or
- SPAN 1001 - Introduction To Spanish Language and Culture I * (or higher)

- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning

Note:
*Must be different from the Primary Language.
OR Applied Business

- ACCT 2100 - Introduction to Financial Accounting

- ECON 2100 - Principles of Microeconomics
  or
- ECON 2200 - Principles of Macroeconomics *

- BLAW 2200 - Legal and Ethical Environment of Business

Note:
*If ECON 2100 already taken in General Education.
OR Cross-disciplinary Perspectives

(choose three of the following courses)
- ARH 2750 - Ancient through Medieval Art
- GEOG 1101 - World Regional Geography
- HIST 2206 - Origins of Great Traditions
- HS 2233 - Overview of Human Services

Upper Division Required Core Courses (French or German or Spanish) (30 Credit Hours)

French
- FREN 3200 - Critical Reading and Applied Writing
- FREN 3302 - Practical Conversation
- FREN 3303 - Grammar and Composition
- FREN 3304 - Literature and Culture I
- FREN 3305 - Literature and Culture II

- FREN 3398 - Internship (completed in French)
  or
- SA 4490 - Upper-division Study Abroad (completed in French)

- FREN 4402 - Contemporary Culture
- FREN 4434 - Topics in Language, Literature, and Culture
- FREN 4456 - Advanced Grammar and Linguistics
- FREN 4499 - Senior Seminar

German
- GRMN 3200 - Critical Reading and Applied Writing
- GRMN 3302 - Practical Conversation
- GRMN 3303 - Grammar and Composition
- GRMN 3304 - Literature and Culture I
- GRMN 3305 - Literature and Culture II

- GRMN 3398 - Internship (completed in German)
  or
- SA 4490 - Upper-division Study Abroad (completed in German)

- GRMN 4402 - Contemporary Culture
- GRMN 4434 - Topics in Language, Literature, and Culture
- GRMN 4456 - Advanced Grammar and Linguistics
- GRMN 4499 - Senior Seminar

Spanish
- SPAN 3200 - Critical Reading and Applied Writing
- SPAN 3302 - Practical Conversation
- SPAN 3303 - Grammar and Composition
- SPAN 3304 - Literature and Culture I
- SPAN 3305 - Literature and Culture II

- SPAN 3398 - Internship (completed in Spanish)
  or
- SA 4490 - Upper-division Study Abroad (completed in Spanish)

- SPAN 4402 - Contemporary Culture

- SPAN 4434 - Topics in Language, Literature, and Culture
- SPAN 4456 - Advanced Grammar and Linguistics
- SPAN 4499 - Senior Seminar

Other Requirements

Select one concentration

1. Second Language and Culture
2. Teacher Certification in Foreign Languages
3. Applied Business
4. Cross-disciplinary Perspectives

Concentration I: Second Language and Culture (9 Credit Hours)

Select three 3000 level courses (or higher) within your second language (Chinese, French, German, Italian, or Spanish)

Concentration II: Teacher Certification in Foreign Languages (33 Credit Hours)

The Teacher Certification in Foreign Language concentration is designed to prepare Foreign Language Education teachers at all grade levels (pre-kindergarten through grade 12). It leads to P-12 teacher certification in the teaching field of (French, German, or Spanish) in Georgia. Candidates complete a major in Modern Language and Culture (primary language: French, German, or Spanish) and the equivalent of a second major in pedagogical studies with an emphasis on teaching a foreign language.

- EDUC 2130 - Exploring Teaching and Learning
- INED 3304 - Education of Exceptional Students
- FLED 3303 - Second Language Acquisition
- FLED 4410 - Methods, Materials, and Curriculum of Foreign Language Education, P-8
- FLED 4412 - Methods, Materials, and Curriculum of Foreign Language Education, 9-12
- FLED 4413 - Field Experiences in FLED, P-12
- FLED 4480 - Student Teaching in Foreign Languages, P-12

Concentration III: Applied Business (9 Credit Hours)

- MKTG 3100 - Principles of Marketing
- MGT 3100 - Management and Behavioral Sciences

- FREN 4404 - Commercial French *
  or
- GRMN 4404 - Commercial German *
  or
- SPAN 4404 - Commercial Spanish *

Note:
*Must be the same as the primary language

Concentration IV: Cross-Disciplinary Perspectives (9 Credit Hours)

(Choose three of the following courses):

- ANTH 3310 - Cultural Diversity in the U.S.
- COM 3325 - Intercultural Communication
- HIST 3305 - The World Since 1945
- PSYC 3355 - Cross-Cultural Psychology

Related Studies (9 Credit Hours)

(Applies to concentrations I, III, and IV only):
Nine hours of upper-division studies beyond the major requirements as approved by the academic advisor. Lower division courses or additional internship or study abroad hours may also be approved when appropriate.

Free Electives (12 Credit Hours)
(Applies to concentrations I, III, and IV only):
Any courses in the university curriculum.

Program Total: concentrations I, III, and IV (123 Credit Hours)

Program Total: concentration II (126 Credit Hours)

Major in Philosophy, BA

College of Humanities and Social Sciences
Department of History and Philosophy
770-423-6294

General Education (42 Credit Hours)

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Requirements (AREA F) (18 credit hours):
- PHIL 2110 - Religions of the World
- PHIL 2200 - Ways of Knowing
- PHIL 2300 - Logic
- FL 2001 - Intermediate Foreign Language and Culture I
- FL 2002 - Intermediate Foreign Language
- HIST 2206 - Origins of Great Traditions

Upper Division Major Requirements (18 credit hours):

Common Requirements
- PHIL 3000 - Ancient and Medieval Philosophy
- PHIL 3010 - Modern Western Philosophy
- PHIL 3200 - Asian Philosophy
- PHIL 4499 - Senior Seminar

Select one of the following (3 credit hours):
- PHIL 3100 - Ethics
- PHIL 3110 - Social and Political Philosophy

Select one of the following (3 credit hours):
- PHIL 4460 - Major Themes in Philosophy
- PHIL 4450 - Major Figures in Philosophy

Concentrations (9 credit hours):

Select one of the following concentrations.

Western Philosophy (select three of the following):

- PHIL 3020 - American Philosophy
- PHIL 3130 - Feminist Philosophy
- PHIL 4000 - Nineteenth Century Western Philosophy
- PHIL 4010 - Contemporary Western Philosophy
- PHIL 3030 - Existentialism
- PHIL 4450 - Major Figures in Philosophy
- PHIL 4460 - Major Themes in Philosophy

Non-Western Philosophy (select three of the following):

- PHIL 4200 - Indian Philosophy
- PHIL 4210 - Classical Chinese Philosophical Tradition
- PHIL 4220 - Japanese Philosophy
- PHIL 4450 - Major Figures in Philosophy
- PHIL 4460 - Major Themes in Philosophy

Ethics/Social & Political Philosophy (select three of the following):

- PHIL 3110 - Social and Political Philosophy
- PHIL 3120 - Philosophies of Peace
- PHIL 3130 - Feminist Philosophy
- PHIL 4460 - Major Themes in Philosophy
- PHIL 4450 - Major Figures in Philosophy

One additional upper division philosophy course outside of concentration (3 credit hours)

General Electives (30 credit hours):

Upper division related studies (15 credit hours)

Free electives (15 credit hours)

Program Total (123 credit hours)

Major in Political Science, BS

College of Humanities and Social Sciences
Department of Political Science and International Affairs
(770) 423-6227

Political Science is the study of the formal institutions of government and the actual behavior of people in public life. It examines both the institutions and processes of government using both empirical and normative research methodologies. A degree in political science is of value to all persons who take the responsibilities and opportunities of membership in a democratic society seriously. Specifically, political science is the undergraduate major of a majority of persons who attend law school; serves as prerequisite for graduate study in a number of social science disciplines; and is an ideal liberal arts major for careers in business, journalism, public and international affairs, the federal government, state and local government, teaching, interest groups, campaign management, communications, and many others.

Political Science has four concentrations: 1) Legal Studies, 2) Government and Professional Politics, 3) Public Service and Public Policy, and 4) Global Studies. Majors are required to choose one concentration and take 12 hours from that concentration.

Supervised internships and cooperative study programs at sites in business, industry and government are available and students are strongly urged to participate.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- POLS 2212 - State and Local Government
- POLS 2280 - Research Methods

Choose two courses from the following:
- POLS 2240 - Introduction to Comparative Politics
- POLS 2250 - Introduction to International Relations
- POLS 2270 - Political Ideologies

- Foreign Languages (2001-2002 sequence must be taken in a single foreign language)
  or
- Math/CS/IS (six hours of math and/or computer science and/or information systems at the 1000 or 2000 level)

Upper Division Major Requirements (15 Credit Hours)
- POLS 4499 - Senior Seminar

Choose any four from the following:
- POLS 3300 - U.S. Constitution and Courts
- POLS 3343 - Principles of Public Administration
- POLS 3360 - The United States Congress
- POLS 3370 - The United States Presidency

- POLS 3380 - Mass Media and Politics
- POLS 4423 - Great Political Thinkers
- POLS 4436 - Politics of Developing Areas

Major Concentrations (12 Credit Hours)

Select one concentration, take 12 hours from that concentration

Concentration I: Legal Studies

- POLS 3300 - U.S. Constitution and Courts (required for the concentration if not taken as major requirement)
- POLS 3315 - American Constitutional Law: Federalism
- POLS 3320 - Legal Research
- POLS 3340 - Legal Analysis
- POLS 4410 - American Legal System
- POLS 4405 - Comparative Legal Systems
- POLS 4411 - Criminal Law
- POLS 4415 - Civil Liberties
- POLS 4416 - Law and Gender
- POLS 4420 - Judicial Process
- POLS 4427 - American Political Thought
- POLS 4466 - Trial Procedure and Evidence
- POLS 4470 - Alternative Dispute Resolution

Concentration II: Government and Professional Politics

- POLS 3360 - The United States Congress (required for the concentration if not taken as major requirement)
- POLS 3370 - The United States Presidency (required for the concentration if not taken as major requirement)
- POLS 3380 - Mass Media and Politics (required for the concentration if not taken as major requirement)
- POLS 3385 - Campaigns and Elections
- POLS 3388 - Lobbying and Interest Groups
- POLS 3390 - Political Research On-Line
- POLS 3394 - Public Polling and Survey Techniques
- POLS 4402 - Political Parties
- POLS 4412 - Urban Affairs and Problems
- POLS 4427 - American Political Thought

Concentration III: Public Service and Public Policy

- POLS 3343 - Principles of Public Administration (required for the concentration if not taken as major requirement)
- POLS 3313 - Public Policy Analysis
- POLS 3350 - American Foreign Policy
- POLS 4412 - Urban Affairs and Problems
- POLS 4437 - Global Security
- POLS 4444 - Administrative Practices and Organization
- POLS 4446 - Governmental Budgeting
- POLS 4456 - International Environmental Policy
- POLS 4470 - Alternative Dispute Resolution

Concentration IV: Global Studies

- GEOG 3320 - Political Geography
- POLS 4436 - Politics of Developing Areas (required for the concentration if not taken as major requirement)
- POLS 4430 - International Law and Organization

- POLS 4431 - Politics of International Terrorism
- POLS 4433 - European Union Politics
- POLS 4437 - Global Security
- POLS 4438 - Politics of International Economic Relations
- POLS 4451 - Politics and Government in Post-Communist Europe
- POLS 4452 - Politics of the Pacific Rim
- POLS 4453 - Latin America: Democracy and Development
- POLS 4454 - Politics of the Middle East
- POLS 4455 - International Relations of Africa
- POLS 4457 - South Asian Politics: A Comparative Perspective

Related Studies (18 Credit Hours)
Eighteen hours of upper-division studies beyond the major requirements as approved by the academic advisor.

Free Electives (15 Credit Hours)
Any courses in the University curriculum.

Program Total (123 Credit Hours)

Major in Psychology, BS

College of Humanities and Social Sciences
Department of Psychology
(770) 423-6225

Psychology is the scientific study of behavior and mental processes. It examines behavior and mental processes in an effort to serve human welfare. The Bachelor of Science degree in Psychology is designed to provide students with strong research, communication, and critical thinking skills. As such, the program requires completion of an Introductory Psychology course, a Careers in Psychology course, a laboratory-based two-semester research sequence, courses from the primary areas of the discipline, and a Senior Seminar capstone course. The undergraduate degree in psychology provides students with a strong foundation for graduate study in a variety of disciplines. It also provides a broad liberal arts education that can serve as an entry point into bachelor's degree-level careers. Students are encouraged to select courses in consultation with an advisor.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower-Division Major Requirements (Area F) (18 Credit Hours)
(All prerequisites must be completed with a "C" or better to fulfill prerequisite requirements)
- Electives: Any 1000- or 2000-level courses (2 Credit Hours)
- Supporting Disciplines: Any 1000- or 2000-level courses in MATH, STAT, CS, IS, IT, BIOL, CHEM, PHYS, or SCI (6 credit hours)
- PSYC 1101 - Introductory Psychology
- PSYC 2210 - Careers in Psychology
- PSYC 2300 - Research Methods in Psychology
- PSYC 2300L - Research Methods in Psychology Laboratory

Upper-Division Major Requirements (36 Credit Hours)

- PSYC 3301 - Experimental Psychology
- PSYC 3301L - Experimental Psychology Laboratory

Major Electives

One course from each of the following five areas:

Developmental Area:

- PSYC 3305 - Life-Span Developmental Psychology

Diversity and Multicultural Area:

- PSYC 3355 - Cross-Cultural Psychology
- PSYC 3385 - Ethnic Minority Psychology
- PSYC 3425 - Psychology of Gender

Personality and Social Area:

- PSYC 3325 - Social Psychology
- PSYC 3335 - Theories of Personality

Biological Bases Area:

- PSYC 4410 - Physiological Psychology
- PSYC 4415 - Perception

Learning and Cognition Area:

- PSYC 4345 - Learning and Behavior
- PSYC 4455 - Cognitive Psychology

Senior Capstone Experience: (3 Credit Hours)

- PSYC 4499 - Senior Seminar in Psychology

Psychology Electives: (12 Credit Hours)

Four 3000-4000 level PSYC courses

Related Studies (12 Credit Hours)

- Twelve hours of 3000-4000 level courses (cannot be in PSYC).
- Lower division courses may also be approved when appropriate.

Free Electives (12 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Major in Sociology, BS

College of Humanities and Social Sciences
Department of Sociology and Criminal Justice
(770) 423-6739

The program of study in sociology offers a Bachelor of Science degree with an emphasis in one of the four academic tracks:

- Criminology
- Cultural Diversity Studies
- Medical Sociology
- Organizational and Social Change

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- SOCI 2201 - Principles of Sociology
- SOCI 2251 - Social Problems
- SOCI 2301 - Research Methods in Sociology

Electives (9 Credit Hours)

Select three of the following:

- ANTH 2201 - Introduction to Anthropology
- COM 1109 - Human Communication
- CRJU 1101 - Foundations of Criminal Justice
- GEOG 1101 - World Regional Geography
- HS 2233 - Overview of Human Services
- POLS 2212 - State and Local Government
- PSYC 1101 - Introductory Psychology

Upper Division Major Requirements (21 Credit Hours)

- ANTH 3310 - Cultural Diversity in the U.S.
  or
- SOCI 3314 - Race and Ethnicity

- SOCI 3300 - Foundations of Social Theory
- SOCI 3304 - Social Organization

- SOCI 3333 - Technology and Society
  or
- SOCI 3344 - Biotechnology and Social Change

- SOCI 3354 - Social Class and Mobility
  or
- SOCI 4444 - Social Change and Modernization

- SOCI 3398 - Internship
  or
- SOCI 3396 - Cooperative Study
- SA 4490 - Upper-division Study Abroad
- SOCI 4499 - Senior Seminar in Sociology

Major Concentration (15 Credit Hours)

(Select five courses in one concentration area):

Criminology Concentration

- CRJU 3352 - Juvenile Delinquency and Corrections
- CRJU 3365 - Profile of the Serial Offender
- CRJU 4410 - Criminal Profiling and Analysis
- GEOG 3300 - Urban Geography
- PSYC 3310 - Psychopharmacology
- PSYC 4430 - Abnormal Psychology
- SOCI 3301 - Qualitative Research Methods in Sociology
- SOCI 3302 - Quantitative Research Methods in Sociology
- SOCI 4200 - Drugs, Alcohol and Society
- SOCI 4432 - Criminology
- SOCI 4442 - Deviance and Social Control

Cultural Diversity Studies Concentration

- ANTH 3310 - Cultural Diversity in the U.S.
- ANTH 3321 - Indigenous Peoples of North America
- ANTH 3350 - Cultures and Societies of the World
- PSYC 3355 - Cross-Cultural Psychology
- PSYC 4410 - Physiological Psychology
- SOCI 3301 - Qualitative Research Methods in Sociology
- SOCI 3302 - Quantitative Research Methods in Sociology
- SOCI 3314 - Race and Ethnicity
- SOCI 3324 - Sociology of Gender
- SOCI 3334 - Religion and Society

Medical Sociology Concentration

- PSYC 3365 - Human Sexuality
- SOCI 3301 - Qualitative Research Methods in Sociology
- SOCI 3302 - Quantitative Research Methods in Sociology
- SOCI 3310 - Introduction to Gerontology
- SOCI 3320 - Exploring the Aging Network
- SOCI 3344 - Biotechnology and Social Change
- SOCI 4200 - Drugs, Alcohol and Society
- SOCI 4443 - Medical Sociology
- SOCI 4444 - Social Change and Modernization
- SOCI 4445 - Sociology of Mental Illness
- SOCI 4464 - Population

Organizational and Social Change Concentration

- GEOG 3330 - Economic Geography
-
- MGT 3100 - Management and Behavioral Sciences
- or
- PSYC 3370 - Industrial-Organizational Psychology
-
- MKTG 3100 - Principles of Marketing
- SOCI 3301 - Qualitative Research Methods in Sociology
- SOCI 3302 - Quantitative Research Methods in Sociology
- SOCI 3310 - Introduction to Gerontology
- SOCI 3354 - Social Class and Mobility
- SOCI 3364 - Sociology of the Family
- SOCI 3374 - Sociology of Occupations

Related Studies (12 Credit Hours)
Twelve hours of upper-division studies beyond the major requirements as approved by the academic advisor. Lower-division courses or additional internships hours may also be approved when appropriate.

Free Electives (12 Credit Hours)
Any courses in the university curriculum.

Program Total (123 Credit Hours)

Certification in Alternative Dispute Resolution

College of Humanities and Social Sciences
Department of Political Science and International Affairs
(770) 423-6227

Conflict occurs in many different situations: between and among members of a family; between labor and management; in political parties, religious groups, formal organizations and nations; and even within a single mind. The actors in a conflict can be individuals, social groups, formal organizations, or political and social institutions. Consequently, the development of skills for peaceful and nonlegal conflict resolution or management should be an essential element of a person's formal education.

A certificate in Alternative Dispute Resolution (ADR) will offer fully-admitted KSU students the opportunity to develop skills that are helpful no matter what major they pursue or which line of work they choose. Students are required to receive at least a "C" in these five courses totalling 15 credit hours in order to receive the certificate. Applications for admission to the Program are available in the office of the Department of Political Science and International Affairs.

Required Courses:
- COM 3325 - Intercultural Communication
  or
- ANTH 3307 - Cultural Anthropology

- BLAW 3400 - Negotiation
- POLS 3300 - U.S. Constitution and Courts
- POLS 4470 - Alternative Dispute Resolution
- POLS 4480 - Practicum in Alternative Dispute Resolution

Program Total (15 Credit Hours)

Certification in European Union Studies

College of Humanities and Social Sciences
Department of History and Philosophy
(770) 423-6294

The European Union Studies Certificate will provide students with in-depth multi-disciplinary knowledge of the European Union. The program is also designed to provide applied knowledge of the EU in a professional context outside the classroom. Students enrolled in the certificate program choose from a menu of courses available at KSU from a variety of disciplines, as well as on-line classes team taught by faculty from the Georgia University System and Ludwig Maximilians University, Munich. The program is directed towards preparing students to move into business/professional occupations and/or graduate study related to the European Union. To earn the certificate, students must take a total of six courses including the Introduction to the European Union (HIST 3307), four courses from an extensive menu of EU courses either online or in the classroom, and a capstone seminar. Students must maintain a GPA of 3.0 in required courses. In addition, students must complete a practicum: a visit to an EU country or an internship with an EU company.

Required Course (3 Credit Hours)

- HIST 3307 - Introduction to European Union (required prerequisite)

European Union Course Menu (Four discipline-specific courses, only 2 may be chosen from the same discipline) (12 Credit Hours)

Art History

- ARH 2850 - Renaissance through Modern Art

Business

- ECON 4310 - Economic Development in Global Perspective
- ECON 4410 - International Trade and Finance

Foreign Language

- FREN 3305 - Literature and Culture II
- GRMN 3305 - Literature and Culture II
- SPAN 3305 - Literature and Culture II

History

- HIST 3305 - The World Since 1945
- HIST 4454 - Twentieth Century Europe

Geography

- GEOG 3320 - Political Geography
- GEOG 3312 - Geography of Europe
- GEOG 3330 - Economic Geography

Political Science

- POLS 4405 - Comparative Legal Systems
- POLS 4430 - International Law and Organization
- POLS 4435 - Comparative Foreign Policy

- POLS 4451 - Politics and Government in Post-Communist Europe
- POLS 4456 - International Environmental Policy

Online classes now offered team taught by Georgia University System and University of Munich faculty:

- US-EU Relations
- The European Monetary Union
- Health and Welfare
- Law and Legal Systems
- Democracy and the EU
- History of Integration
- Science and Technology Policy
- Communications and Media
- Foreign Policy of the EU
- Social Policy of the EU
- Doing Business in the EU
- Environmental Policy

For schedule of online classes and applications, visit ***http://www.eustudies.program.org***

Capstone Seminar (3 Credit Hours)

Program Total (18 Credit Hours)

Certification in Geographic Information Systems

College of Humanities and Social Sciences
Department of Geography and Anthropology
(678) 797-2373

A Geographic Information System is a computer-based system which provides information using geographically-referenced data. Computerized maps of various data (e.g. demographics, statistics, soils, vegetation) are overlaid to produce useful geographic information to decision makers. GIS can provide valuable locational information used for planning. It is an essential tool in urban and regional design, marketing and industrial location, and in providing government services.

Students must earn a "B" or higher grade in each of the required courses.
Applications for admission to the program are available in the Department of Geography and Anthropology.

Required Courses (9 Credit Hours)

- GEOG 3305 - Introduction to Cartographic Processes
- GEOG 3315 - Introduction to Geographic Information Systems (GIS I)
- GEOG 4405 - Advanced Geographic Information Systems (GIS II)

Choose one from the following (3 Credit Hours):

- GEOG 3300 - Urban Geography
- GEOG 3320 - Political Geography
- GEOG 3330 - Economic Geography
- GEOG 4410 - Introduction to Remote Sensing

Required Capstone Course (3 Credit Hours)

- GEOG 4415 - Practicum in Geographic Information Systems

Program Total (15 Credit Hours)

Certification in Latin American Studies

College of Humanities and Social Sciences
Department of Foreign Languages
(770) 423-6366

A collaborative program of the University System of Georgia and the Americas Council, the Certificate in Latin American Studies offers a common curriculum open to all university system institutions. The course of study is designed to be interdisciplinary and complementary to existing undergraduate programs. Students from all majors who hold a 2.80 GPA are eligible to participate. A student may formally apply to enroll in the program after successful completion of thirty hours of academic credit.

Language Area

Six hours of Spanish or French at the 3000-level or above with a minimum grade of "C". These hours may be taken as part of an approved study abroad program as long as the course is beyond the intermediate level.

OR

Demonstration of written and oral proficiency in Spanish, Portuguese, French, Haitian Creole, or Quechua. Demonstration of language proficiency above the intermediate level as defined by ACTFL standards through examination, or successful completion of an oral and written examination evaluated by a qualified University System of Georgia faculty member (for Haitian Creole and Quechua)

Latin American Area

(students must complete the following course work)
One 3 (three) hour course which focuses on contemporary Latin America or a three-hour course on Latin American Culture and Civilization. Three courses (nine hours) in Latin American Studies, two of which must be outside the student's major, from the following options:

- Any Latin American upper division courses offered in the University System of Georgia
- Six hours may come from courses that have a minimum 25% Latin American component
- No more than 6 (six) hours from study abroad or internships.

NOTE: All courses, study abroad programs and internships must be approved by the Campus Certificate in Latin American Studies Coordinator. All courses require a grade of C (2.0) or better. No more than one course may be taken at the 1000-2000 level.

Program Total (18 Credit Hours)

Certification in Professional Politics

College of Humanities and Social Sciences
Department of Political Science and International Affairs
(770) 423-6227

Courses in the program focus on applied skills and settings: campaign management, media and politics, polling, public policy, and lobbying.

Students receiving the certificate must complete 15 semester hours, as outlined below. The internship serves as a capstone experience for the program and is limited to professional political settings. Credit hours for the internship may range from 3 to 12 semester hours depending on the number of hours worked per week.

Choose 12 hours from the following options:

- POLS 3313 - Public Policy Analysis
- POLS 3380 - Mass Media and Politics
- POLS 3385 - Campaigns and Elections
- POLS 3388 - Lobbying and Interest Groups
- POLS 3390 - Political Research On-Line
- POLS 3394 - Public Polling and Survey Techniques
- POLS 3398 - Internship
- POLS 4410 - American Legal System
- POLS 4420 - Judicial Process
- POLS 4444 - Administrative Practices and Organization

Required Capstone Experience (3 Credit Hours)

- POLS 3398 - Internship

Program Total (15 Credit Hours)

Certification in Public History

College of Humanities and Social Sciences
Department of History & Philosophy
(770) 423-6294

Kennesaw State University's public history certificate program trains students to think critically about the public presentation of history and culture. Students will develop tangible skills that enable them to pursue graduate study in a number of fields as well as professional work at historic and cultural sites. Classroom and fieldwork combine to deliver both theoretical understanding of memory and history and practical experience in historic preservation, community documentation, museums, and cultural program development.

To be awarded the Certificate in Public History students must maintain a GPA of 3.0 in certificate requirements. The certificate is awarded with the completion of a bachelor's degree or, if the student already has a bachelor's degree, after the successful completion of the certificate program.

Core Requirements:

- HIST 3325 - Introduction to Public History
- HIST 3398 - Internship (All internships must be approved by the public history program coordinator.)

At least two of the following:

- HIST 3326 - Historic Preservation
- HIST 4426 - Documentation and Interpretation of Historic Sites
- HIST 4430 - Museum Studies
- HIST 4435 - History and Memory

Remaining courses drawn from the following:

- HIST 3398 - Internship (A second internship may be used as an elective as long as the experiences are independent of each other, with different identifiable learning outcomes. All internships must be approved by the public history program coordinator.)
- HIST 4425 - Oral History
- HIST 4490 - Special Topics in History(as approved by the public history program coordinator)
- ANTH 4425 - Historical Archeology
- HS 3375 - Program Development and Evaluation *
- HS 3540 - Grant Writing and Fundraising *
- TPS 3093 - Performing Folktales and Fairy Tales

Program Total (18 Credit Hours)

Note:
*Public history certificate students will use HIST 3325 as a prerequisite for these courses. See public history program coordinator for a permit to register.

College of Science and Mathematics

The College of Science and Mathematics is home to the departments of Biology and Physics, Chemistry and Biochemistry, Computer Science, and Mathematics and Statistics. Staffed by faculty with excellent teaching skills and varied research interests, these departments have gained nationwide recognition for the success of their faculty and graduates. Our mission is to offer the best education for our students by fostering scientific and mathematical literacy. We provide service to our communities and support for scholarship all in an environment where faculty, staff and students can reach their full potential and succeed in our global society. The college's degree programs offer curricula that are state-of-the-art and challenging. Opportunities abound for students to develop a strong identity with their respective departments through student organizations and mentoring relations with the faculty.

Students with career interests in the sciences, mathematics, or computer science will find related degree programs in the College of Science and Mathematics. The college offers baccalaureate degree programs in biology, biochemistry, biotechnology, biology education, chemistry, computer science, mathematics and mathematics education. It offers master's degrees in applied computer science and applied statistics. Students with interests in medicine, dentistry, pharmacy, veterinary medicine, engineering, or related fields most frequently choose to pursue the pre-professional requirements in the Departments of Biology and Physics or Chemistry and Biochemistry. While degree programs are not offered in these pre-professional areas, students with appropriate course selection can meet the entrance requirements of most professional schools with a biology, biochemistry, biotechnology, or chemistry degree from the College of Science and Mathematics. Certificate programs or degree tracks are offered in applied statistics and data analysis, applied mathematics, clinical trials and regulatory affairs, cytogenetic technology, forensic chemistry, pharmaceutical chemistry, and professional chemistry.

Students have numerous opportunities to gain practical experience in their field. Through co-ops and internships available to students in all degree programs, they can obtain direct experience in the workplace with companies or government agencies. Our Mentor-Protégé Program supports students who work one-on-one with faculty in undergraduate research projects in areas of mutual interest. Our industry-based internships give students career-related experiences that often lead directly to job offers upon graduation. Collaborative relationships exist between the College of Science and Mathematics and the Bagwell College of Education. Students who

major in the education programs of biology, chemistry, and mathematics receive the same in-depth course work in the disciplines of science and mathematics, as do students majoring in these fields. Any science or mathematics education major has an option of adding on a computer science endorsement to their teaching certificate. Additionally, our Master of Arts in Teaching program in biology, chemistry, mathematics, and physics education leads to initial teaching certification in a middle or high school classroom.

Accreditations

The programs in computer science, professional chemistry and biochemistry, and teacher education degree programs in the sciences and mathematics are nationally accredited. In addition, the teacher education programs are nationally recognized and approved by the Georgia Professional Standards Commission for 6-12 teacher certification.

Undergraduate Advising Center
Initial advising for all majors is coordinated in the Undergraduate Advising Center. The Center is located on the second floor of the Science Building. The purpose of the Undergraduate Advising Center is to help students understand what is required to earn degrees offered by the College and discuss career options.

Academic Departments

The College of Science and Mathematics houses four academic departments:

- The Department of Biology and Physics
- The Department of Chemistry and Biochemistry
- The Department of Computer Science
- The Department of Mathematics and Statistics

Biology and Physics
(770) 423-6158
biol@kennesaw.edu
http://science.kennesaw.edu/biophys/

The Department of Biology & Physics offers a wide variety of courses that introduce students to the important fields of Biology, Biotechnology, and Physics, as well as Biology Education. Instruction in biology and physics is well balanced by contemporary approaches to the teaching of science. The department takes great pride in its commitment to the student's understanding of how these disciplines contribute to the indispensable role of science in society.

On-campus academic courses and independent research activities, as well as off-campus co-op and internship experiences, support the department's philosophy of a "hands-on" approach to the study of science. Through these practical experiences, students are prepared for a diverse number of exciting careers in the biological sciences. By maintaining high academic standards, the Department of Biology & Physics has not only been an important educator of students destined for graduate school, medical, dental and other health-related professional schools, but, in addition, has successfully prepared well-trained graduates who can immediately enter the job market.

Chemistry and Biochemistry
(770) 423-6159
chem@kennesaw.edu
http://science.kennesaw.edu/chem

The Department of Chemistry & Biochemistry offers class and laboratory instruction in all areas of chemistry and biochemistry. The department's two degree programs, the Bachelor of Science in Chemistry and the Bachelor of Science in Biochemistry, offer students a wide range of options to prepare them for employment in the chemical industry in a variety of different roles, for graduate study in chemistry or biochemistry, for entrance into pre-professional schools (medical, dental, pharmacy, or law), for secondary school education as a chemistry educator, for government or health care profession as a skilled laboratory scientist, or for many other opportunities in the government and private sector for which

the critical thinking skills that accompany a chemistry degree are needed. Internships and cooperative employment opportunities are also available and provide the students valuable field-related work experience and an advantage when searching for employment. Many students are involved in research projects with faculty, and this experience provides important lessons in how science is really done.

The American Chemical Society (ACS) has continuously approved degree programs in the department since 1987. The department offers B.S. degrees in both chemistry and biochemistry that are approved by the ACS. In addition, the Bachelor of Science in Secondary Chemistry Education (track) is fully accredited by the National Council for Accreditation of Teacher Education (NCATE), fully approved by Georgia's Professional Standards Commission for 6-12 teacher certification (GPSC), and is nationally recognized by the National Science Teacher Association (NSTA). Within the Chemistry degree program there are several options, differentiated as tracks. Completion of the Professional Chemistry track earns the student a certificate from the ACS, which recognizes them as having completed an ACS approved program. The Professional Chemistry track prepares the student for graduate school in chemistry or biochemistry and for employment in industry, government, or other agencies doing research and development, quality control, environmental studies, or other applications of chemistry and/or biochemistry.

The General Chemistry track was designed to provide for more flexibility by allowing more electives. This track allows the student significant flexibility to prepare for professional schools (medical, dental, veterinary, pharmacy, or optometry), for a career in secondary school education, for law school, or for a position in sales or management in the chemical or biochemical industry. Students also have the option of taking either the Forensic Chemistry track, the Chemistry Education track, or the Pharmaceutical Chemistry track. Because of the flexibility in the degree program, it is important that students seek advice from an advisor during their first semesters at KSU.

Computer Science and Information Systems
(770) 423-6005
cs@kennesaw.edu
http://cs.kennesaw.edu/

The B.S. in computer science program is fully accredited by ABET, the Accreditation Board for Engineers & Technology.

The program in computer science (CS) provides a blend of the foundations of CS and applications in the computing industry. The CS program emphasizes the study of computer systems architecture, software development, database, application development, and datamining. Core technology areas include programming, computer architecture, operating systems, database systems, software engineering, and application development. These areas are supported by a strong foundation in computing principles such as the design of programming languages, data structures, and operating system principles.

Graduates of the CS program are prepared for a variety of careers in computing especially in the development of software for distributed systems. Example job titles from KSU graduates of the CS program include programmer analyst, software engineer, software developer, database administrator, and software consultant.

Mathematics and Statistics
(770) 423-6327
math@kennesaw.edu
http://math.kennesaw.edu/

The Department of Mathematics & Statistics offers programs of study leading to the Bachelor of Science in Mathematics and the Bachelor of Science in Mathematics Education Certificate programs in Applied Mathematics, and Applied Statistics and Data Analysis are also offered as is a Master of Science in Applied Statistics. Additionally, formal minors may be declared in either area. The department is one of the largest in the state in terms of graduates in both mathematics and mathematics education.

Majors and minors in mathematics or statistics prepare you for success in many fields, including a surprising variety of professions because of the increasing demand for quantitative literacy and the shortage of people with those skills. Employment prospects upon graduation are further enhanced with the choice of appropriate interdisciplinary electives. Among these are courses in computer science, biology, chemistry or any of the business areas. Recent KSU graduates with majors or minors in mathematics or statistics have also been accepted into graduate programs in a variety of areas including mathematics, statistics, epidemiology, psychology, and kinesiology. Study of mathematics is excellent preparation for graduate and professional school entrance examinations such as the GMAT (Graduate Management Admissions Test), GRE (Graduate Record Examination), LSAT (Law School Admissions Test) and the MCAT (Medical College Aptitude Test).

Programs of Study

The College of Science and Mathematics offers the following undergraduate degrees:

- Bachelor of Science in Biology
- Bachelor of Science in Biology Education
- Bachelor of Science in Biotechnology
- Bachelor of Science in Biochemistry
- Bachelor of Science in Chemistry
- Bachelor of Science in Computer Science
- Bachelor of Science in Mathematics
- Bachelor of Science in Mathematics Education

Minors

- Applied Mathematics
- Applied Statistics & Data Analysis
- Chemistry

Certificate Programs

The College of Science and Mathematics offers the following certificate programs:

- Certificate in Applied Mathematics
- Certificate in Applied Statistics and Data Analysis
- Certificate in Clinical Trials and Regulatory Affairs
- Certificate in Forensic Chemistry
- Computer Science Teaching (K-12) Endorsement
- Graduate Certificate in Six Sigma Green Belt

Major in Biology, BS

College of Science and Mathematics,
Department of Biology and Physics
(770) 423-6158

The program of study in biology leading to a Bachelor of Science degree provides students with the opportunity to pursue a major field of concentration in biology with a background in the liberal arts. The breadth and depth of the course offerings combined with high academic standards provide students with the flexibility to concentrate on any of the many career opportunities in biology. The biology degree program will prepare students for graduate school, for professional schools in a number of health-related fields including medical, dental, pharmacy, and veterinary schools and for technical positions in a large number of science laboratories.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Specific General Education requirements for this major

- CHEM 1211 - General Chemistry I
- CHEM 1211L - General Chemistry I Laboratory
- CHEM 1212 - General Chemistry II
- CHEM 1212L - General Chemistry II Laboratory
- MATH 1113 - Precalculus
- MATH 1190 - Calculus I

Lower Division Major Requirements (Area F) (18 Credit Hours)

- Lab/math credit from General Education (2 Credit Hours)
- BIOL 2107 - Biological Principles I
- BIOL 2108 - Biological Principles II

- PHYS 1111 - Introductory Physics I
  or
- PHYS 2211 - Principles of Physics I

- PHYS 1112 - Introductory Physics II
  or
- PHYS 2212 - Principles of Physics II

Upper Division Major Requirements (45 Credit Hours)

I. Biology Courses:

- BIOL 3300 - Genetics
- BIOL 3370 - Ecology
- BIOL 3380 - Evolutionary Biology

Choose one from A and one from B:

A. Anatomy and Physiology (4 Credit Hours)

- BIOL 3320 - Plant Morphology
- BIOL 4350 - Comparative Vertebrate Anatomy
- BIOL 4420 - Plant Physiology
- BIOL 4431 - Human Physiology

B. Cell and Molecular Biology (3-4 Credit Hours)

- BIOL 3338 - Histology
- BIOL 3340 - Microbiology
- BIOL 4410 - Cell and Molecular Biology
- BIOL 4465 - Immunology

II. Biology Upper-Level Electives* (15-16 Credit Hours)

Any upper level Biology or Biotechnology courses (with the exception of BIOL 3396 Co-op).** (A student must have a minimum of four (4) laboratory courses: BIOL 3300, BIOL 3370; one laboratory course chosen from among those listed in the Anatomy and Physiology area plus any other upper-level Biology laboratory course of the students choosing.)

III. Statistics Requirement

- STAT 3125 - Biostatistics (must pass with a "C" or better)

IV. Organic Chemistry Labs

- CHEM 3361 - Modern Organic Chemistry I
- CHEM 3361L - Modern Organic Chemistry Lab I
- CHEM 3362 - Modern Organic Chemistry II
- CHEM 3362L - Modern Organic Chemistry Lab II

Related Studies (3 Credit Hours)

Any courses for which prerequisites have been met, chosen from among the following:

- any upper-level Biology or Biotechnology
- any upper-level Chemistry
- any upper-level Math or Statistics
- other courses with prior approval of Biology/Physics Department Chair
- ASTR 3320 - Astronomy and Cosmology
- ASTR 3321 - Solar System Astronomy
- GEOG 3300 - Urban Geography
- GEOG 3305 - Introduction to Cartographic Processes
- GEOG 3315 - Introduction to Geographic Information Systems
- GEOG 3320 - Political Geography
- GEOG 3330 - Economic Geography
- GEOG 4405 - Advanced Geographic Information Systems
- GEOG 4410 - Introduction to Remote Sensing
- GEOG 4415 - Practicum in Geographic Information Systems
- HIST 3377 - History of Science
- PHYS 3300 - Analysis of Physical Systems
- PHYS 3305 - Physics of the Micro World and the Cosmos
- PHYS 3312 - Concepts of Optics
- PHYS 3340 - Electronics
- POLS 4456 - International Environmental Policy
- PSYC 4410 - Physiological Psychology
- SCI 3360 - Earth Science
- SCI 3365 - Earth Watch: Examining Global Environmental Issues
- WRIT 3140 - Technical Writing
- WRIT 3170 - Environmental Writing and Literature

Free Electives (12 Credit Hours)

Any credit courses in university curriculum.

Program Total (123 Credit Hours)

** Students who wish to sit for the national certification exam in Cytogenetics must take BIOL 3327, BTEC 4310, and BTEC 4300. See director of the Cytogenetics track for details.

Major in Biology Education, BS

Leading to Certification for Grades 6-12
College of Science and Mathematics, Department of Biology and Physics
(770) 423-6158

This single field program is designed to prepare biology teachers of adolescents, largely at the secondary school level (grades 6 through 12). It leads to 6-12 teacher certification in the teaching field of biology in Georgia. Candidates complete the equivalent of a major in biology and a second major in pedagogical studies with an emphasis on teaching science.

The B.S. in Secondary Biology Education is fully accredited by NCATE, National Council for Accreditation of Teacher Education, is fully approved by Georgia's Professional Standards Commission for 6-12 teacher certification, and is nationally recognized by NSTA, the National Science Teachers Association.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Specific General Education requirements for this major:

- MATH 1113 - Precalculus
- MATH 1190 - Calculus I
- CHEM 1211 - General Chemistry I
- CHEM 1211L - General Chemistry I Laboratory
- CHEM 1212 - General Chemistry II
- CHEM 1212L - General Chemistry II Laboratory

Lower Division Major Requirements (Area F) (18 Credit Hours)

- Lab/math credit from General Education (2 Credit Hours)
- BIOL 2107 - Biological Principles I
- BIOL 2108 - Biological Principles II

- PHYS 1111 - Introductory Physics I
  or
- PHYS 2211 - Principles of Physics I

- PHYS 1112 - Introductory Physics II
  or
- PHYS 2212 - Principles of Physics II

Teaching Field Requirements (30 Credit Hours)

- BIOL 3300 - Genetics

- BIOL 3320 - Plant Morphology
  or
- BIOL 4422 - Plant Ecology

- BIOL 3370 - Ecology
- BIOL 3380 - Evolutionary Biology
- BIOL 3340 - Microbiology

Choose one of the following (4 Credit Hours):
- BIOL 3310 - Invertebrate Zoology
- BIOL 3315 - Vertebrate Zoology

Choose one of the following (4 Credit Hours):
- BIOL 4350 - Comparative Vertebrate Anatomy
- BIOL 3390 - Developmental Biology
- BIOL 4400 - Directed Study
- BIOL 4431 - Human Physiology

Statistics Requirement (3 Credit Hours)
- STAT 3125 - Biostatistics

Professional Education (6-12) Requirements (33 Credit Hours)
- BED 4416 - Teaching Biology (6-12)
- BED 4417 - Teaching Biology (6-12) Practicum
- BED 4475 - Student Teaching Biology (6-12)
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- EDUC 2130 - Exploring Teaching and Learning
- INED 3304 - Education of Exceptional Students

Program Total (126 Credit Hours)

Major in Biotechnology, BS

College of Science and Mathematics, Department of Biology and Physics (770) 423-6158

This program of study, leading to a Bachelor of Science degree, is designed to meet growing national, regional, and state needs in different areas of biotechnology. Requirements for this degree are designed to provide graduates with a solid conceptual foundation from multiple disciplines as well as practical laboratory skills. However, completion of this degree will also result in the graduate having sufficient basic scientific knowledge to pursue advanced graduate or professional degrees. This program also includes the Cytogenetics track, which is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS: ***www.naacls.org***; 773-714-8880; 5600 North River Road, Suite 720, Rosemont, Illinois 60018-5156).

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)
Specific General Education requirements for this major
- COM 1109 - Human Communication
- MATH 1113 - Precalculus
- MATH 1190 - Calculus I
- CHEM 1211 - General Chemistry I
- CHEM 1211L - General Chemistry I Laboratory
- CHEM 1212 - General Chemistry II
- CHEM 1212L - General Chemistry II Laboratory

Lower Division Major Requirements (Area F) (18 Credit Hours)

- Math/lab credit from General Education (2 Credit Hours)
- BIOL 2107 - Biological Principles I
- BIOL 2108 - Biological Principles II

- PHYS 1111 - Introductory Physics I
  or
- PHYS 2211 - Principles of Physics I

- PHYS 1112 - Introductory Physics II
  or
- PHYS 2212 - Principles of Physics II

Upper Division Major Requirements (42 Credit Hours)

- BIOL 3300 - Genetics
- BIOL 3340 - Microbiology
- BIOL 3380 - Evolutionary Biology
- BTEC 3301 - Introduction to Biotechnology

- BIOL 4486 - Bioethics
  or
- BTEC 3400 - Drugs, Biologics, Devices and Diagnostics: Conception to Regulatory Approval

Biotechnology Electives (19 Credit Hours)

Choose at least two courses from A and at least two courses from B; at least 12 of the 19 hours must be BTEC courses.

A. Biotechnology Lab Electives

- BTEC 3398 - Internship
- BTEC 4200 - Industrial Microbiology
- BTEC 4110 - Global Biotechnology-Study Abroad
- BTEC 4300 - Chromosome Preparation & Analysis *
- BTEC 4310 - Cytogenetics Practicum *
- BTEC 4400 - Directed Study
- BTEC 4460 - Methods in Forensic DNA Analysis
- BTEC 4800 - Forensic Diagnostics: Infectious Agents
- BTEC 4490 - Special Topics in Biotechnology **
- BIOL 3390 - Developmental Biology
- BIOL 4460 - Medical Microbiology
- CHEM 3500 - Biochemistry
- CHEM 3500L - Biochemistry Laboratory
- CHEM 3501 - Biochemistry I: Structure and Function of Biological Macromolecules
- CHEM 3501L - Biochemistry I Laboratory
- CHEM 3502 - Biochemistry II: Metabolism

B. Biotechnology Non-lab Electives

- BTEC 3400 - Drugs, Biologics, Devices and Diagnostics: Conception to Regulatory Approval ***
- BTEC 3410 - Experimental Design & Analysis: Product Registration and Clinical Trials
- BTEC 3420 - Project Management: Product Registration and Clinical Trials
- BTEC 3399 - Seminar in Biotechnology
- BTEC 4100 - Molecular Genetics
- BTEC 4320 - Internship in Pharmaceutical, Biotechnology or Biomedical Industry
- BTEC 4455 - Case Studies in Forensic Science

- BIOL 3327 - Medical Genetics *
- BIOL 4410 - Cell and Molecular Biology
- BIOL 4465 - Immunology
- BIOL 4475 - Virology
- BIOL 4486 - Bioethics ***
- BTEC 4490 - Special Topics in Biotechnology **
- BIOL 4490 - Special Topics in Biology ****
- BIOL 4630 - Advanced Topics in Cell & Molecular Biology ****
- CHEM 3500 - Biochemistry

Statistics Requirement (3 Credit Hours)
- STAT 3125 - Biostatistics (must pass with a "C" or better)

Organic Chemistry Requirement (8 Credit Hours)
- CHEM 3361 - Modern Organic Chemistry I
- CHEM 3361L - Modern Organic Chemistry Lab I
- CHEM 3362 - Modern Organic Chemistry II
- CHEM 3362L - Modern Organic Chemistry Lab II

Free Electives (12 Credit Hours)
Any credit courses in university curriculum.

Program Total (123 Credit Hours)

Major in Biochemistry and Chemistry, BS

The American Chemical Society (ACS) has continually certified the department since 1987. The programs of study in the department lead to a Bachelor of Science degree in either Biochemistry or Chemistry. The ACS nationally approves both of these programs. In addition, the Bachelor of Science in Secondary Chemistry Education (track) is fully accredited by NCATE, the National Council for Accreditation of Teacher Education, fully approved by Georgia's Professional Standards Commission for 6-12 teacher certification, is nationally recognized by NSTA, the National Science Teacher Association, and has pending approval by the ACS.

Biochemistry is the study of the structure, composition, and chemical reactions of substances in living systems. This program is an excellent choice for pre-medical students. Biochemistry is a discipline that is applied to medicine, dentistry, and veterinary medicine. Biochemistry spills over into pharmacology, physiology, microbiology, and clinical chemistry. In these areas, a biochemist may investigate the mechanism of a drug action; engage in viral research; conduct research pertaining to organ function; or use chemical concepts, procedures, and techniques to study the diagnosis and therapy of disease and the assessment of health. To receive the ACS certificate for the Biochemistry degree requires discussion with an appropriate advisor in the department.

Within the Chemistry degree program there are several options, depending upon the student's career goals. Completion of the Professional Chemistry track automatically earns the student a certificate from the ACS, which recognizes them as having completed an ACS approved program. The Professional Chemistry track prepares the student for graduate school in chemistry or biochemistry and for employment in industry, government, or other agencies doing research and development, quality control, environmental studies, or other applications of chemistry and/or biochemistry. The General Chemistry track was designed to have more electives and to

allow the student to prepare for professional schools (medical, dental, veterinary, pharmacy, or optometry), for a career in high school teaching, for law school (patent law), or for a position in sales or management in some chemical or biochemical industry.

Students also have the option of taking either Forensic Chemistry or Chemistry Education curriculum under the General Chemistry track. Because of the wide range of possibilities for curricula modification in the General Chemistry track, it is very important to receive advice from an advisor during the first semester at KSU.

Major in Biochemistry, BS

College of Science and Mathematics,
Department of Chemistry and Biochemistry
(770) 423-6159

The BS in Biochemistry is designed to prepare students for graduate school in biochemistry or for a variety of professional schools including medical, veterinary, and dental. This degree also provides training for BS level biochemist positions in industrial, academic, and government laboratories.

The Department of Chemistry and Biochemistry provides American Chemical Society (ACS) approved programs. Students completing a baccalaureate degree that meets the ACS Guidelines will receive an ACS-certified degree. To achieve ACS certification, specific course work and experience are necessary. See an academic advisor for more information.

General Education (42 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- Lab/Math credit from General Education (2 Credit Hours)
- CHEM 1211 - General Chemistry I *
- CHEM 1211L - General Chemistry I Laboratory *
- CHEM 1212 - General Chemistry II *
- CHEM 1212L - General Chemistry II Laboratory *
- CHEM 2800 - Quantitative Analytical Chemistry
- CHEM 2800L - Quantitative Analytical Chemistry Laboratory
- MATH 2202 - Calculus II
- PHYS 2211 - Principles of Physics I *
- PHYS 2212 - Principles of Physics II *

Note:
*If not taken in General Education.

Upper Division Major Requirements (30 Credit Hours)

- CHEMXXXX Chemistry Elective (Choose from any 3000/4000 level course in chemistry) (3 Credit Hours)
- CHEM 3105 - Inorganic Chemistry
- CHEM 3105L - Inorganic Synthesis
- CHEM 3361 - Modern Organic Chemistry I

- CHEM 3361L - Modern Organic Chemistry Lab I
- CHEM 3362 - Modern Organic Chemistry II
- CHEM 3362L - Modern Organic Chemistry Lab II
- CHEM 3050 - Physical Chemistry
- CHEM 3501 - Biochemistry I: Structure and Function of Biological Macromolecules
- CHEM 3501L - Biochemistry I Laboratory
- CHEM 3502 - Biochemistry II: Metabolism

- CHEM 3540L - Advanced Biochemistry Laboratory
  or
- CHEM 4100 - Directed Applied Research (on a Biochemistry-Related Topic)

- CHEM 4500 - Methods in Nucleic Acid and Protein Biochemistry

Supporting Disciplines (18 Credit Hours)

- BIOL 2107 - Biological Principles I
- BIOL 2108 - Biological Principles II
- BIOL 3300 - Genetics

Supporting Discipline Electives: choose six hours from the following:

- Other 3000-4000 level courses approved by the department chair.
- BIOL 3340 - Microbiology
- BIOL 4410 - Cell and Molecular Biology
- BIOL 4420 - Plant Physiology
- BIOL 4465 - Immunology
- BIOL 4475 - Virology
- BIOL 4630 - Advanced Topics in Cell & Molecular Biology
- BTEC 3301 - Introduction to Biotechnology
- BTEC 4100 - Molecular Genetics

Free Electives (12 Credit Hours)

Any courses in university curriculum.

Program Total (123 Credit Hours)

Major in Chemistry, BS

College of Science and Mathematics, Department of Chemistry and Biochemistry (770) 423-6159

The Department of Chemistry and Biochemistry provides American Chemical Society (ACS) approved programs. Students completing a baccalaureate degree that meets the ACS Guidelines will receive an 'ACS-certified degree'. Some of the following degree tracks include the course work and experience necessary to satisfy requirements for ACS certification. See an academic advisor for more information on the requirements for ACS certification and other aspects of these tracks.

Professional Chemistry Track: This track is designed to prepare students for graduate school in chemistry or the professional workforce. Students completing this track receive a B.S. degree that is certified by the American Chemical Society.

General Chemistry Track: This track is designed to allow flexibility in choosing supporting discipline credits that support individual career goals. Due to the variety of options in this track, students are strongly encouraged to meet with an academic advisor to plan a course of study that meets graduation requirements.

Forensic Chemistry Track: This track is designed to prepare students for a career in the forensic field. Students completing this track will receive a B.S. in Chemistry and a certificate in Forensic Chemistry upon graduation.

Pharmaceutical Chemistry Track: This track is designed to prepare students for pharmacy school while they work towards a degree in Chemistry. Students may also go to graduate school or work in the pharmaceutical industry after completing this track. As pharmacy school prerequisites change, students need to be diligent in ensuring they are meeting the requirements of the pharmacy school they wish to attend. The streamlining of both the requirements for a degree in chemistry and the needed prerequisites is best done in consultation with an academic advisor.

Chemistry Education Track: This track is designed to prepare chemistry teachers, largely at the secondary school level (grades 6 through 12). It leads to 6-12 grade level teacher certification in the teaching field of chemistry in Georgia. Candidates complete the equivalent of a major in chemistry and a second major in pedagogical studies with an emphasis on teaching science.

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (18 Credit Hours)
- Lab/math credit from General Education (2 Credit Hours)
- PHYS 2211 - Principles of Physics I (if not taken in General Education)
- PHYS 2212 - Principles of Physics II (if not taken in General Education)
- CHEM 1211 - General Chemistry I (if not taken in General Education)
- CHEM 1211L - General Chemistry I Laboratory (if not taken in General Education)
- CHEM 1212 - General Chemistry II (if not taken in General Education)
- CHEM 1212L - General Chemistry II Laboratory (if not taken in General Education)
- CHEM 2800 - Quantitative Analytical Chemistry
- CHEM 2800L - Quantitative Analytical Chemistry Laboratory
- MATH 2202 - Calculus II

Professional Chemistry Track
Upper Division Major Requirements (36 Credit Hours)
- Chemistry Elective Any 3000/4000 level chemistry course (3 credit hours) 1
- CHEM 3000 - Chemical Literature
- CHEM 3105 - Inorganic Chemistry
- CHEM 3105L - Inorganic Synthesis
- CHEM 3361 - Modern Organic Chemistry I
- CHEM 3361L - Modern Organic Chemistry Lab I
- CHEM 3362 - Modern Organic Chemistry II
- CHEM 3362L - Modern Organic Chemistry Lab II
- CHEM 3500 - Biochemistry 2
- CHEM 3500L - Biochemistry Laboratory
- CHEM 3601 - Physical Chemistry I: Atomic and Molecular Structure and Spectroscopy
- CHEM 3601L - Physical Chemistry Lab I
- CHEM 3602 - Physical Chemistry II: Reaction Kinetics and Thermodynamics
- CHEM 3602L - Physical Chemistry Lab II

- CHEM 4100 - Directed Applied Research
- CHEM 4300 - Instrumental Analytical Chemistry
- CHEM 4300L - Instrumental Analytical Chemistry Laboratory

Supporting Disciplines (12 Credit Hours)

- 3000-4000 level course in the College of Science and Math (3 Credit Hours)
- Electives Courses from any department (including chemistry) should be taken that reflect and complement the student's chemical interests and career goals. (5 Credit Hours)
- MATH 2203 - Calculus III

Free Electives (12 Credit Hours)

Any courses in university curriculum.

Program Total (123 Credit Hours)

General Chemistry Track

Upper Division Major Requirements (28 Credit Hours)

- Chemistry Elective Any 3000/4000 level chemistry course (3 Credit Hours)
- CHEM 3000 - Chemical Literature
- CHEM 3361 - Modern Organic Chemistry I
- CHEM 3361L - Modern Organic Chemistry Lab I
- CHEM 3362 - Modern Organic Chemistry II
- CHEM 3362L - Modern Organic Chemistry Lab II
- CHEM 3050 - Physical Chemistry
- CHEM 3105 - Inorganic Chemistry
- CHEM 3105L - Inorganic Synthesis
- CHEM 3500 - Biochemistry

Choose one of the following courses and corresponding lab:

- CHEM 3030 - Pharmaceutical Analytical Chemistry
- CHEM 3030L - Pharmaceutical Analytical Chemistry Laboratory

  or
- CHEM 3800 - Forensic Analytical Chemistry
- CHEM 3800L - Forensic Analytical Chemistry Lab

  or
- CHEM 4300 - Instrumental Analytical Chemistry
- CHEM 4300L - Instrumental Analytical Chemistry Laboratory

Supporting Disciplines (20 Credit Hours)

Electives

(11 hours must be at the 3000- or 4000-level) Sequences of courses from any department (including chemistry) should be taken that reflect and complement the student's chemical interests and career goals.

Free Electives (12 Credit Hours)

Any courses in university curriculum.

Program Total (123 Credit Hours)

Forensic Chemistry Track

Upper Division Major Requirements (32 Credit Hours)

- CHEM 3000 - Chemical Literature
- CHEM 3050 - Physical Chemistry
- CHEM 3105 - Inorganic Chemistry
- CHEM 3105L - Inorganic Synthesis
- CHEM 3361 - Modern Organic Chemistry I
- CHEM 3361L - Modern Organic Chemistry Lab I
- CHEM 3362 - Modern Organic Chemistry II
- CHEM 3362L - Modern Organic Chemistry Lab II
- CHEM 3500 - Biochemistry
- CHEM 3500L - Biochemistry Laboratory
- CHEM 3800 - Forensic Analytical Chemistry
- CHEM 3800L - Forensic Analytical Chemistry Lab
- CHEM 4300 - Instrumental Analytical Chemistry
- CHEM 4300L - Instrumental Analytical Chemistry Laboratory

Internship

- Internship Forensic Chemistry Intern (2 Credit Hours)
  or
- CHEM 4100 - Directed Applied Research
  or
- CHEM 3540L - Advanced Biochemistry Laboratory

Supporting Disciplines (21 Credit Hours)

- CRJU 1101 - Foundations of Criminal Justice
- CRJU 3320 - Criminal Investigation
- BIOL 2107 - Biological Principles I
- BIOL 2108 - Biological Principles II

- BIOL 3340 - Microbiology
  or
- BIOL 3338 - Histology

- MATH 1107 - Elementary Statistics

Free Electives (7 Credit Hours)

Any courses in university curriculum. See adviser for recommendations.

Program Total (123 Credit Hours)

Pharmaceutical Chemistry Track

Upper-Division Major Requirements (29 Credit Hours)

- CHEM 3000 - Chemical Literature
- CHEM 3010 - Medicinal Chemistry
- CHEM 3030 - Pharmaceutical Analytical Chemistry
- CHEM 3030L - Pharmaceutical Analytical Chemistry Laboratory
- CHEM 3050 - Physical Chemistry
- CHEM 3105 - Inorganic Chemistry
- CHEM 3105L - Inorganic Synthesis
- CHEM 3361 - Modern Organic Chemistry I
- CHEM 3361L - Modern Organic Chemistry Lab I
- CHEM 3362 - Modern Organic Chemistry II
- CHEM 3362L - Modern Organic Chemistry Lab II
- CHEM 3500 - Biochemistry
- CHEM 3500L - Biochemistry Laboratory

Supporting Disciplines (27 Credit Hours)

- BIOL 2107 - Biological Principles I
- BIOL 2108 - Biological Principles II
- BIOL 2221 - Human Anatomy & Physiology I
- BIOL 2221L - Human Anatomy & Physiology I Laboratory
- BIOL 2222 - Human Anatomy & Physiology II
- BIOL 2222L - Human Anatomy & Physiology II Laboratory
- STAT 3125 - Biostatistics
- Choose 8 hours from any CHEM, BIOL, BTECH, MATH, MKTG, or MGT 3000- or 4000-level courses

Free Electives (4 Credit Hours)

Any courses in university curriculum. See advisor for recommendation.

Program Total (123 Credit Hours)

Chemistry Education Track

Upper Division Major Requirements (24 Credit Hours)

- CHEM 3050 - Physical Chemistry
- CHEM 3105 - Inorganic Chemistry
- CHEM 3105L - Inorganic Synthesis
- CHEM 3361 - Modern Organic Chemistry I
- CHEM 3361L - Modern Organic Chemistry Lab I
- CHEM 3362 - Modern Organic Chemistry II
- CHEM 3362L - Modern Organic Chemistry Lab II
- CHEM 3400 - The Teaching and Learning of Chemistry
- CHEM 3500 - Biochemistry
- CHEM 3500L - Biochemistry Laboratory
- CHEM 4100 - Directed Applied Research

Supporting Disciplines (36 Credit Hours)

Supporting Disciplines Elective (3 Credit Hours)

Another science or math course (at least three hours) approved by the Chemistry education faculty.

- CHED 4416 - Teaching Chemistry (6-12)
- CHED 4417 - Teaching Chemistry (6-12) Practicum
- CHED 4475 - Student Teaching Chemistry (6-12)
- EDUC 2120 - Sociocultural Influences on Teaching and Learning
- INED 3304 - Education of Exceptional Students
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2130 - Exploring Teaching and Learning

Program Total (123 Credit Hours)

Notes:
1 The chemistry elective 3000/4000 course must have one prerequisite from the upper division major requirements.
2 Students may substitute CHEM 3501/L and CHEM 3502 for CHEM 3500/L, in which case CHEM 3502 may count as the 3000/4000 level chemistry elective.

Major in Computer Science, BS

College of Science and Mathematics,
Department of Computer Science and Information Systems
(770) 423-6005

The B.S. in computer science program is fully accredited by ABET, the Accreditation Board for Engineers & Technology.

The program in computer science (CS) provides a blend of the foundations of CS and applications in the information technology (IT) industry. The CS program emphasizes the study of computer systems architecture, software development, and data communications. Core technology areas include programming, computer architecture, operating systems, data communication, database systems, and software engineering. These areas are supported by a strong foundation in computing principles such as the design of programming languages, data structures, and operating system principles. The program includes a mathematics component and mathematics concepts are incorporated into many of the major courses. A certificate in Mathematical Foundations of Computing is also available. CS majors are strongly advised to take advantage of this new option for credentialing their academic accomplishments.

Graduates of the CS program are prepared for a variety of careers in CS and IT, especially in the development of software for distributed systems. Example job titles from KSU graduates of the CS program include information technology specialist, programmer analyst, software engineer, network administrator, and software consultant. This program also prepares students for graduate studies in IT-related fields.

General Education (44 Credit Hours)

see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Specific General Education requirements for this major:

Math:

CS majors are encouraged to take MATH 1190 Calculus I as the first math course. However, it is acceptable to start with MATH 1113 Pre-calculus.

- MATH 1113 - Precalculus
- MATH 1190 - Calculus I

Science:

CS majors should take either Physics sequences:

- PHYS 1111 - Introductory Physics I
- PHYS 1112 - Introductory Physics II

or

- PHYS 2211 - Principles of Physics I
- PHYS 2212 - Principles of Physics II

Lower Division Major Requirements (Area F) (16 Credit Hours)

- MATH 2202 - Calculus II
- CS 2301 - Programming Principles I
- CS 2302 - Programming Principles II
- CS 2350 - Object-Oriented Programming

Upper Division Major Requirements (43 Credit Hours)

- CS 3150 - Concepts of Programming Languages
- CS 3310 - Introduction to Database Systems
- CS 3401 - Introduction to Data Structures
- CS 3510 - Computer Organization, Architecture, and Communications
- CS 3530 - Operating Systems
- CS 3610 - Software Engineering
- CS 4500 - Advanced Data Communications
- CS 4520 - Distributed Systems Development
- CS 4850 - Computer Science Senior Project
- MATH 3322 - Discrete Modeling I
- MATH 3323 - Computer Applications of Discrete Modeling
- MATH 3332 - Probability and Statistical Inference

- MATH 4322 - Discrete Modeling II
  or
- MATH 3260 - Linear Algebra I

- WRIT 3140 - Technical Writing

- PHYS 3340 - Electronics
  or
- CHEM 3361 - Modern Organic Chemistry I
- CHEM 3361L - Modern Organic Chemistry Lab I
  or
- BIOL 3300 - Genetics

Major Electives (9 Credit Hours)

Three 3-hour classes chosen from:

- CS 3650 - Object-Oriented Software Development
- CS 4491 - Advanced Topics in Computer Science
- CS 4545 - Applied Cryptography
- CS 4580 - Web Services with Java
- CS 4620 - Object-Oriented Methods
- CS 4650 - Advanced Object-Oriented Software Development
- CS 4730 - Real-Time Systems and Simulation

Free Electives (8 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Major in Mathematics, BS

College of Science and Mathematics,
Department of Mathematics and Statistics
(770) 423-6327

The program of study leading to the Bachelor of Science degree in Mathematics provides a solid foundation in the application of analytical, geometrical, and numerical methods in problem solving and logical deduction. In addition to a core set of mathematics courses, the program also includes concentrations of courses in pure mathematics, computational mathematics, applied statistics or in mathematics-related disciplines that prepare the student for graduate study or for employment in various mathematics-related fields such as actuarial, financial, pre-engineering, secondary mathematics teacher certification, or applied statistics. During the Junior or Senior year, students complete a capstone experience which might be an internship, a faculty-directed research project, or a special topics course.

General Education (42 Credit Hours)

see listing of requirements
Specific General Education requirements for this major

- MATH 1112 - College Trigonometry
  or
- MATH 1113 - Precalculus

- MATH 1190 - Calculus I

University-Wide Fitness For Living Requirement (3 Credit Hours)

Lower Division Major Requirements (Area F) (18 Credit Hours)

- Lower division electives 1 Any 2000-level course in the KSU curriculum (4 Credit Hours)
- Math-Science overflow from Area D (2 Credit Hours)
- MATH 2202 - Calculus II
- MATH 2203 - Calculus III
- CS 2301 - Programming Principles I

Upper Division Major Requirements (21 Credit Hours)

- MATH 3260 - Linear Algebra I
- MATH 3310 - Differential Equations
- MATH 3322 - Discrete Modeling I
- MATH 3332 - Probability and Statistical Inference
- MATH 4361 - Modern Algebra I
- MATH 4381 - Real Analysis I
- MATH 4700 - Capstone Experience 2

Upper Division electives (27 Credit Hours)

see note 1

- Any 3000 or 4000 level MATH or STAT course except for those MATH courses noted in the catalog as being intended only for Early Childhood Education majors (12-15)
- Other concentration-based electives Any 3000 or 4000 level course in KSU curriculum (12-15)

Free Electives (12 Credit Hours)
Any course in the university curriculum.

Program Total (123 Credit Hours)

Notes:
1 It is recommended that these courses be chosen from among those that are specified for one of the specific concentration areas described in the KSU Mathematics Major Handbook. A copy of this handbook can be obtained electronically at http://math.kennesaw.edu/advising/. The 6 hours of Area F concentration-based electives are 2000 level courses. A minimum of 24 of the 27 hours of upper division concentration-based electives must be courses at the 3000 or 4000 level. (Up to 3 hours of upper level concentration-based electives can be satisfied using "overflow" hours that have been accumulated from science courses taken in Area D.) Each student is strongly encouraged to meet with his/her advisor at least once per semester in order to ensure that the student remains on track toward completion of the selected program of study.
2 The capstone experience might be an internship, faculty-directed research project, or special topics course. All Capstone experiences require pre-approval by the department curriculum committee. This approval process must be initiated by the student (through his or her advisor) at least one semester before the capstone experience is to be undertaken.

Major in Mathematics Education, BS

Leading to Certification for Grades 6-12
College of Science & Mathematics,
Department of Mathematics and Statistics
(770) 423-6327

This program is designed to prepare mathematics teachers of adolescents, at the middle or high school level (grades 6 through 12). It leads to 6-12 teacher certification in the teaching of mathematics in Georgia.

The B.S. in Mathematics Education Secondary is fully accredited by the National Council for Accreditation of Teacher Education (NCATE), is fully approved by Georgia's Professional Standards Commission for 6-12 teacher certification, and is nationally recognized by the National Council of Teachers of Mathematics (NCTM).

General Education (42 Credit Hours)
see listing of requirements

University-Wide Fitness For Living Requirement (3 Credit Hours)

Specific General Education requirements for this major
- MATH 1113 - Precalculus
- MATH 1190 - Calculus I

Lower Division Major Requirements (Area F) (18 Credit Hours)
The additional hour for the Lower Division Major equirements comesfrom Calculus I (a 4-hour course) in General Education.
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education
- EDUC 2130 - Exploring Teaching and Learning
- MATH 2202 - Calculus II
- MATH 2203 - Calculus III
- CS 2301 - Programming Principles I

Teaching Field Requirements (27 Credit Hours)

- MATH 2595 - Mathematics for Middle Grades and Secondary Teachers
- MATH 3260 - Linear Algebra I
- MATH 3322 - Discrete Modeling I
- MATH 3332 - Probability and Statistical Inference
- MATH 3390 - Introduction to Mathematical Systems
- MATH 3395 - Geometry
- MATH 4361 - Modern Algebra I
- MATH 3495 - Advanced Perspectives on School Mathematics Part I
- MATH 4495 - Advanced Perspectives on School Mathematics Part II

Professional Education (6-12) Requirements (30 Credit Hours)

(Must be formally admitted to the Teacher Education program before taking these courses–except EDUC 2120)

- • INED 3304 - Education of Exceptional Students
- • EDUC 2120 - Sociocultural Influences on Teaching and Learning
- • MAED 3475 - Historical and Modern Approaches to Mathematics
- MAED 4416 - Teaching of Mathematics (6-12)
- MAED 4417 - Teaching of Mathematics (6-12) Practicum
- MAED 4475 - Student Teaching: Mathematics (6-12)

Free Electives (3 Credit Hours)

Any courses in the university curriculum.

Program Total (123 Credit Hours)

Endorsement in Computer Science Education

College of Science and Mathematics,
Department of Computer Science and Information Systems
770-423-6005

This endorsement program is intended to prepare computer science teachers of adolescents, largely at the secondary school level (grades 6 through 12). It leads to teacher certification in the teaching field of computer science in Georgia. As an endorsement, the teaching candidate must already have or simultaneously obtain a teaching certification in another field. This program of study is fully approved by Georgia's Professional Standards Commission for 6-12 teacher certification.

Advising

Students who are interested in this program should seek advising as early as possible. Additional advising will be provided upon entry to the pedagogical course CSED 4416. This advising will help students coordinate their courses in this program with the courses in their primary program. It will also help in scheduling student teaching at an appropriate school.

Teaching Field Requirements (11 Credit Hours)

- CS 2301 - Programming Principles I
- CS 2302 - Programming Principles II

Professional Education (6-12) (4 Credit Hours)

- CSED 4416 - Teaching of Computer Science
- CSED 4417 - Computer Science Teaching Practicum

Program Total (15 Credit Hours)

Endorsement in Applied Mathematics

College of Science and Mathematics,
Department of Mathematics and Statistics
(770) 423-6327

Applied Mathematics is an inherently interdisciplinary topic. All professional disciplines encounter mathematics in different forms. The Certificate In Applied Mathematics is designed to train students to utilize mathematical skills correctly and to apply these skills in their discipline in order to solve problems in the real world. A Certificate in Applied Mathematics will help differentiate the student from others with the same degree when competing for positions after graduation. This Certificate is intended to enhance the value of a student's degree from any department in any institution, whether a student chooses to enter private industry or graduate school.

Required Courses (12 Credit Hours)

- MATH 3000 - Software of Mathematics
- MATH 3260 - Linear Algebra I
- MATH 3261 - Numerical Methods I
- MATH 3310 - Differential Equations

Elective Courses (3 Credit Hours)

(3 credit hours taken from the following)
Any other 3000 level or above Mathematics/Statistics course (3 Credit Hours)

Program Total (15 Credit Hours)

Certificate in Forensic Chemistry

College of Science and Mathematics,
Department of Chemistry and Biochemistry
(770) 423-6159

The Certificate in Forensic Chemistry is designed to give students the credentials to function in a forensic science laboratory as part of a team to solve legal problems requiring specific training in chemistry. With the proper choice of electives, the certificate can be earned by someone pursuing a degree in chemistry, biochemistry, or biology. The field of Forensic Chemistry is an exciting application of chemistry that helps serve the judicial system of our country. Modern developments in chemical instrumentation allow for detection of trace amounts of chemical evidence and people completing this certificate will be well trained to use these techniques.

Specific General Education requirements for Forensic Chemistry Certificate

- COM 2129 - Public Speaking
- MATH 1107 - Elementary Statistics

Required Courses

- CHEM 4300 - Instrumental Analytical Chemistry
- CHEM 4300L - Instrumental Analytical Chemistry Laboratory
- CHEM 3800 - Forensic Analytical Chemistry
- CHEM 3800L - Forensic Analytical Chemistry Lab
- CRJU 3320 - Criminal Investigation

- BIOL 3340 - Microbiology
  or
- BIOL 3338 - Histology

- CHEM 3398 - Internship
  or
- CHEM 4100 - Directed Applied Research (on a Forensic-Related Topic)
  or
- CHEM 3540L - Advanced Biochemistry Laboratory

Program Total (17 Credit Hours)

Certificate in Regulatory Affairs and Clinical Trials

College of Science and Mathematics,
Department of Biology & Physics
(770) 423-6158

This program is designed for biology, biotechnology, chemistry and biochemistry majors to prepare them for attractive, readily available jobs and career opportunities in regulatory affairs or clinical trials within Georgia's growing pharmaceutical, biomedical and biotechnology industries as well as position graduates for future managerial responsibilities. Graduates will have an in depth understanding of the regulatory approval process and clinical trial needs for drugs, biologics, medical devices and diagnostics.

Required Courses

- BTEC 3400 - Drugs, Biologics, Devices and Diagnostics: Conception to Regulatory Approval
- BTEC 3410 - Experimental Design & Analysis: Product Registration and Clinical Trials
- BTEC 3420 - Project Management: Product Registration and Clinical Trials
- BTEC 4320 - Internship in Pharmaceutical, Biotechnology or Biomedical Industry
- STAT 3125 - Biostatistics

Program Total (15 Credit Hours)

University College

University College provides university-wide academic and administrative support and leadership in matters involving certain undergraduate programs, courses and academic support services. The college also provides assistance and support to the Provost and Vice President of Academic Affairs in a variety of university-wide curricular concerns and administrative activities. The college serves as the academic home for exploratory students who have not yet declared an academic major. The Dean of University College provides leadership in the administration of university-wide scholarships, guidance on transfer credit, and works with other campus offices regarding advanced placement. The Dean of University College works closely with the General Education Council and the Council on Undergraduate Academic Advising. The Dean of University College, jointly with the Vice President for Student Success oversees the activities of the Center for Student Leadership.

Programs of Study

Along with other campus departments, colleges, and schools, the Dean of University College works to maintain the high quality programs that have long characterized Kennesaw State University. Together with the solid faculty of KSU, University College focuses on student academic excellence and success.

Additionally, University College maintains a central role in advancing certain interdisciplinary programs on campus. The Department of University Studies within University College offers students a degree program in Interdisciplinary Studies.

This Interdisciplinary Studies degree program directly reflects and advances several aspects of the institutional mission at the baccalaureate level. Building on the general education program, an interdisciplinary studies degree continues to advance the liberal arts tradition at the heart of Kennesaw State University. Given the collaborative and integrative nature of this degree, it both broadens and deepens the current degree offerings, while at the same time ensures a focused, deliberate custom-designed degree program for students.

The unique characteristic of this degree is that it requires students enrolled in the program to have two or more intentional academic concentrations. The degree in Interdisciplinary Studies is a thoughtful, planned, substantive, schedule of coursework reflecting the integration of two or more disciplines, culminating in an applied or professionally oriented

experience with consistent oversight by an interdisciplinary panel of faculty.

Institutionally, by encouraging cross-disciplinary connections, this degree facilitates, increases, and enhances linkages between and among existing departments. Additionally it provides students with a broad spectrum of institutional options.

Department of University Studies within University College

University College provides oversight and operations for the following University-wide programs and academic support services (each housed in the Department of University Studies):

- English as a Second Language (ESL) Study and Tutorial Center
- Honors Program
- Dual Enrollment Honors Program
- Integrative Studies Degree Program (Bachelor of Science degree with possible Leadership Concentration)
- Learning Support Programs
- Math Lab
- Supplemental Instruction Program (with possible Leadership Concentration)
- Learning Support Programs
- Math Lab
- Supplemental Instruction

The ESL (English as a Second Language) Program/ESL Study and Tutorial Center

The ESL Program in the Department of UniThe ESL Program in the Department of University Studies (University College) houses the ESL Study and Tutorial Center—an attractive, comfortable space that provides students computers for academic work and an extensive selection of ESL textbooks. At the Center, international students are offered tutoring in reading, writing, pronunciation, and Regents' test preparation. General education academic advisement, registration assistance, and grammar.

An important program coordinated through the ESL Study and Tutorial Center is the Conversation Partners Program. This program gives international students the opportunity to practice speaking and listening in informal settings outside the classroom, as well as learn more about campus and American cultures.

Improving retention as well as helping to internationalize our campus, this popular program is offered both fall and spring semesters. Testing is another service offered through the ESL Study and Tutorial Center. Both the Alternative Regents' tests and the Michigan Test of English Language Proficiency (MTELP), an alternative to TOEFL, are offered to international students and applicants, and extended-time testing for undergraduate and graduate courses is available for individual students (by arrangement with the students' instructors).

Finally, the ESL Program offers ESL 1105: Grammar Seminar for International Students and ESL 1106: Pronunciation Seminar for International Students. Both of these are elective courses open to all KSU international students.

Honors Program

The award-winning Honors Program at Kennesaw State University has two divisions. For recently matriculated or currently enrolled undergraduates, the Undergraduate Honors Program offers a flexible array of excellent Honors experiences designed to challenge exceptional students. For high school juniors or seniors who want to complete college courses for dual credit, the Dual Enrollment Honors Program (DEHP) provides an opportunity to get a head start on college. Students may choose to complete their entire freshman year of college before graduating from high school. Both programs provide honors students with exciting academic challenges, intense mentoring relationships with faculty, connection to the student honors community, and applied learning related to the major.

Undergraduate Honors Program Admission Criteria

Students who consistently exceed the expectations of their instructors, and therefore need and want the challenge of academic experiences qualitatively different from those provided in most existing courses, can find a home in the outstanding KSU Undergraduate Honors Program. Those admitted to the program will need to match one of the following profiles:

- Students who have recently graduated from high school, are entering Kennesaw State as first-year students, have a high school grade point average of 3.5 or better in their academic courses, and have made a composite score of 1200 or better on the Scholastic Aptitude Test (the equivalent composite ACT score, a 26 or higher, is also accepted);
- Currently enrolled students (including those who have transferred from other institutions) who have earned a cumulative grade point average of 3.5 or better in no fewer than 15 hours and no more than 60 hours of KSU course work.

The Honors Director may waive these eligibility criteria for candidates who can present a convincing and substantive case of their motivation and potential to succeed in the Undergraduate Honors Program.

Students identified as Honors prospects should receive an invitation to join the program. Others should contact the Honors Director at (770) 499-3514 if they think they are eligible and have not received any communication from the Honors Office. This is a competitive program and students are encouraged to join as early as possible in their college careers.

Undergraduate Honors Program Fundamentals

The Undergraduate Honors Program is organized around three fundamentals providing students with a rounded academic experience: Honors Faculty mentorship, formal Honors Experiences, and the Honors Colloquium.

- Fundamental One - Honors Faculty Mentorship: Honors students are carefully matched with individual faculty mentors who are chosen from the ranks of the Honors Faculty and share their advisees' academic interests and professional objectives. Honors mentors are more than academic advisors (though they play that role, too). The active intellectual exchange between mentors and their students is designed to foster a peer relationship that helps the students to achieve their potential as well as gain a faculty advocate.
- Fundamental Two - Honors Requirements: Honors students must complete 25-26 hours of honors credits through the following:
  - two one-hour, pass/fail honors colloquia (HON 3000) or one three-hour, traditionally graded honors seminar/special topics course (HON 2290 or HON 4490); 2-3 hours honors credit
  - five additional honors-designated courses worth at least three semester hours each, chosen from among the following: an honors section of a general education course (e.g., ENGL 2110/H1); an honors seminar or special topics course (e.g., HON 2290 or HON 4490); an honors directed, or independent, study (HON 4400); an upper-level honors contract course in an honors student's major (e.g., BIOL 3300/01 - Honors); 15 hours honors credit

Please note: At least one honors-contract experience is mandatory for all honors students.

- Students who are not required to take a research methods course in the major (or in a major that does not offer one), must take IDS 3100/H1, "Interdisciplinary Research Methods," to meet one of these five honors course requirements.
  - one applied learning honors experience related to the student's discipline, completed through one of the following, for 3 hours honors credit, or the equivalent:
- an applied honors contract in an upper-level course in the major
- an applied learning honors contract without a course affiliation
- an honors directed study (HON 4400)
- a study abroad experience to which an honors dimension is added
- an honors service-learning experience completed with or without a course affiliation (e.g., serving as an honors peer mentor over one, two, or three semesters)
  - a three-course, five-semester-hour honors senior capstone sequence consisting of:

- a one-hour section of the Honors Senior Capstone Experience (HON 4497) in which the student will find a full-time faculty member in his or her major to supervise the project; design the project, with that advisor's support; and submit the Honors Senior Capstone Proposal for approval, first to the project supervisor and subsequently to the Honors Director and the Honors Council. A student whose honors capstone proposal is fully approved at all levels will be cleared to register for the second segment of the Honors Senior Capstone Experience.
- one three-hour segment of the Honors Senior Capstone Experience (HON 4498) in which the student will conduct research, submitting a research outline or detailed progress report to the project supervisor at the end of the semester. A student who submits a substantive outline or report will be cleared to register for the final segment of the capstone course sequence.
- one final, one-hour section of the Honors Senior Capstone Experience (HON 4499) culminating in the submission of an honors thesis or other honors-appropriate product and the honors portfolio to the Honors Council for final review.

To help students develop a perspective on their work that will be useful in employment after graduation, all Honors students are required to keep the products of their Honors Experiences and Honors Colloquia (research papers, journals, documentation of exhibits, etc.) in an Honors Portfolio. To be designated an Honors Scholar, a student must complete all honors requirements with an A or a B (or the equivalent) and must receive the Honors Council's approval for both the Senior Capstone project and the Honors Portfolio. The Honors Portfolio serves as a marker of the student's accomplishments and is an outstanding resource after graduation.

Students in KSU's Undergraduate Honors Program receive advanced priority registration as long as they maintain a cumulative GPA of 3.5 or better; see their Honors mentors at least once a semester; and perform satisfactorily in their honors courses or other honors experiences. Each semester, honors students may have the opportunity to participate in special Honors events. Honors Scholars receive a special designation on their transcripts and diplomas and are recognized at graduation. We are proud of our Honors Program and believe it provides students the opportunity to advance their learning in an applied, individualized context.

Dual Enrollment Honors Program (DEHP)
The Dual Enrollment Honors Program gives outstanding high school juniors and seniors the opportunity to earn high school and college credits simultaneously by taking KSU courses in lieu of high school courses. Students may choose to take honors classes or regular KSU classes, and to attend KSU full- or part-time. Funding for 100% of tuition and most student fees is provided for qualified DEHP students attending accredited public and private high schools or home-school programs through the ACCEL program of the HOPE Scholarship or Georgia's Move on When Ready act. DEHP students are responsible for any fee balance and textbook costs beyond the allowance provided by these programs.

Dual Enrollment Honors Program Admission Criteria

Beginning with the 2012-13 year, enrollment in DEHP will be limited to the first 150 qualified applicants. Applications for the 2012-13 school year will be accepted beginning Nov. 1st, 2011. Applicants will be considered in the order that their files are completed. The admission deadline for DEHP is typically in mid-January. For the current deadline, admissions instructions, and additional program information, ***visit www.kennesaw.edu/admissions/dehp*** or contact the Admissions Office.

Rising high school juniors and seniors are eligible for the Dual Enrollment Honors Program if they earn:

- a cumulative grade point average of 3.0 or better in their core academic course work (not electives) and are on track to complete the College Preparatory requirements

and

- a composite score of 1100 on the SAT, with minimum subparts of 530 verbal and 530 math; or an ACT score of at least 25 composite with subpart minimums of 24 English and 24 math.

To be admitted to DEHP, students must submit an online application for admission and application fee, official SAT or ACT score report sent directly from the testing agency, high school transcript, and consent form signed by a parent and a high school counselor. Accepted students are required to attend a mandatory KSU advising session prior to registration and a summer orientation program specifically for DEHP. Students and parents must also sign a Policy Statement acknowledging their understanding of the academic and behavioral conduct policies of the program. Students are accepted to begin the program in the Fall term only. A KSU GPA of 2.0 is required to continue in the program for Spring semester.

Learning Support Programs

Learning Support Programs have a specific mission: providing academic support to those students whose entrance and placement scores indicate that they need remedial instruction before they enroll in regular credit classes. Students whose SAT or ACT scores are below KSU's requirements are required to take the corresponding sub-tests of COMPASS (Computer –Adaptive Placement Assessment and Support System). The Office of Admissions, the Student Success Services Center, or the Department of University Studies will contact students needing to take these courses. According to these placement scores, students may be placed in Learning Support courses in English, math, or reading. These are non-credit courses such as English 0099 (grammar and composition), Math 0097 (Elementary Algebra), Math 0098 (Intermediate Algebra), MATH 0099 (Elementary and Intermediate Algebra) and Reading 0099 (Reading Comprehension and Vocabulary Skills).

Learning Support courses are designed so that students may complete all requirements in an area in a maximum of two semesters. Since these are academic assistance courses, there are certain restrictions placed by the Board of Regents or by Kennesaw State University or both upon students enrolled in these courses. The following restrictions apply to all Learning Support students: Students must register for the LSP courses they are required to take each semester of enrollment at KSU before they are eligible to register for any regular credit courses. If they do choose to take credit courses at the same time, these courses must not have LSP courses as prerequisites. They may not, however, accumulate more than 30 hours of academic credit before completing all Learning Support requirements. They also may not attempt any Learning Support discipline more than two times. Students may not withdraw from their Learning Support courses unless they withdraw from credit courses as well. Although these courses do not carry degree credit, students do receive institutional credit and thus may satisfy requirements for VA benefits and other financial assistance. Unsuccessful completion of Learning Support requirements by students will result in exclusion from further study at KSU. In addition, the program provides a variety of tutorial services, including ESL tutoring for non-native speakers, and math tutoring for math students.

The Math Lab

The Math Lab is a free, on campus tutoring service available to all currently enrolled KSU students. Services are on a first-come, first-serve basis. Access to videos, software, such as Scientific Notebook, Workplace, and other math-related computer software are also available. Tutors assist students with the understanding of math concepts, analysis of math problems, and skill building. All tutors have had Calculus I or higher and have completed the KSU tutor training workshop. The lab is located on the 4th floor of the Library in room 433. For other information about the Math Lab, call 770-423-6044.

Supplemental Instruction

Supplemental Instruction (SI) is a program whereby students in selected "high-risk" courses (courses with a high "D", "F", "W" rate) are provided the opportunity to receive additional instruction facilitated by students who have been successful in those courses in previous semesters. They receive content instruction as well as help in analysis, critical thinking, and problem solving as it relates to the subject matter. National studies have shown that students who take advantage of this opportunity generally perform better than matched students who do not avail themselves of the service. SI is coordinated within the Department of University Studies with the cooperation of the discipline departments in which the selected courses are housed.

First-Year Programs

The Department of First-Year Programs within University College provides oversight and operations for the following university-wide programs:

- First-Year Seminars Learning Communities Program

First-Year Seminars

KSU's First-Year Seminars are an integral part of the undergraduate KSU curriculum that introduces first-year students to higher education. There are four first-year seminars offered each year (KSU 1101, KSU 1111, KSU 1121, and KSU 1200), and there are special topics versions (KSU 2290) offered periodically. All first-year seminars achieve the same four learning outcomes: developing strategies for academic success, enhancing life skills, promoting campus and community connections, and acquiring a foundation for global learning. A defining characteristic of all of these three-hour, academically oriented courses is the close interaction of the instructor and student. This interaction is facilitated by the intentionally small size (20-25 students) of each seminar section. The curriculum also includes a First-Year Common Reader that engages students in a common experience in a global topic to promote discourse and discovery. First-Year Seminars are often featured as an anchor in Learning Communities. First-time, full-time students with fewer than 15 credit hours are required to enroll in either a first-year seminar (as an independent course) or in one of the Learning Communities.

Learning Communities Program

The Learning Communities program is a curricular initiative that promotes the integration of General Education and other lower-division courses during a student's first semester. A typical learning community is a theme-based cluster of courses that allows a student cohort to take 2-4 courses together while also taking advantage of faculty collaboration, out-of-class learning opportunities, and community engagement. There are general interest communities and discipline-based communities that link major courses with General Education offerings. Enrollment in a Learning Community or a First-Year Seminar is required of all first-time, full-time students who enroll in the university with fewer than 15 credit hours. Learning Communities help entering, first-year students adjust easily to college life and improve their chances for a successful college career. Learning Communities provide an enhanced environment for successful learning. Because they know each other well, first-year students in learning communities are more comfortable speaking out in class and working collaboratively. They form natural study groups and support groups with their peers. They begin to see connections between their courses through specially designed assignments. Academic research shows that participation in learning communities consistently improves students' retention as well as their GPA—keeping them in college and helping them to be more successful.

Major in Interdisciplinary Studies, BS

University College,
Department of University Studies
(770) 423-6930

The Bachelor of Science degree in Integrative Studies allows student flexibility to individually design a curriculum that will help them meet their personal and career goals. This program of study requires breadth and depth of study and is designed to be academically rigorous. Students must take a total of 39 upper-division hours across two disciplines. A minimum of 12 upper-division hours must be taken in each discipline. Students must earn a grade of "C" or above in these upper-division requirements, as well as meet the university's general education requirements and complete an additional 15 hours of upper-level course work addressing writing and/or communication skills; an understanding of theory and culture; and the ability to apply and integrate skills in the selected disciplines. Nine hours of related studies courses must also be built into the INTS curriculum. To graduate, an INTS major must have completed a minimum of 123 credit hours, including those mandated by the INTS degree. To ensure a coherent degree plan, an INTS major must construct a written rationale explaining how combining the two disciplines addresses the student's personal and career goals. Each student is required to meet with an INTS Program advisor in the Department of University Studies to draw up the proposed curriculum and formulate the rationale. All students must have a minimum 2.5 GPA in order to be considered for the INTS Program. (Human Services requires a 2.8 GPA).

In summary, an INTS student must

- work with an INTS advisor to construct a degree plan combining at least two disciplines
- have an adjusted GPA (AGPA) of at least 2.5 to enter the program; take 39 hours in upper division courses from these (or related) disciplines
- write a formal rationale for the degree, explaining why the personal and professional goals outlined there cannot be fulfilled with one of the degrees already offered at KSU and addressing any courses that do not obviously fit into the proposed curriculum
- have some summative experience, through research, coursework, internship, or practicum, to give an applied focus to the degree.

Once an INTS proposal is complete, the proposal will be reviewed and then sent to the department or program for both of the disciplinary concentrations for evaluation and approval. ote: Interested INTS majors may choose to add a Leadership Concentration to their program of study. The Leadership Studies Concentration consists of 15 hours of leadership course work in courses with the prefix "LDRS," along with 9 additional hours of other related KSU leadership courses.

For more information, contact the Integrative Studies Degree Program in the Department of University Studies or visit the website at ***http://www.kennesaw.edu/university_studies/ids/index.shtml.***

General Education (42-44 Credit Hours)

University-Wide Fitness For Living Requirement (3 Credit Hours)

*Lower Division Major Requirements (Area F) (18 Credit Hours)

Varies depending on disciplinary concentrations.

*Upper Division Major Requirements (39 Credit Hours)

- 12 credit hours from at least two disciplines (24 credit hours for two disciplines, 36 credit hours for three disciplines).
- 12 credit hours of coursework addressing writing and/or communication skills, an understanding of theory and culture, and the ability to apply and integrate skills in the selected disciplines.
- IDS 4498 - Senior Seminar in INTS

*Related studies (9 Credit Hours)

Varies depending on disciplinary concentrations.

Free Electives (12 Credit Hours)

Eliminated if doing three disciplines.

Program Total (123 Credit Hours)

Notes:
*These areas are to be planned closely with an IDS advisor and must be approved by department chairs or other representatives of the major disciplines selected for the degree.
Any changes to an approved INTS proposal must be re-evaluated and approved by an INTS advisor as well as the appropriate department chairs.

Leadership Studies Certificate

University College
Department of University Studies
(770) 423-6207

In today's competitive global society, success depends on working as a productive communicator, team player, and decision maker; all skills of an effective leader. The Certificate in Leadership Studies, through theory and practical experience, is designed to prepare students in any major for the dynamics of leading diverse groups and teams, engaging and empowering others, responding to situational leadership opportunities, and acknowledging the power of trust and ethical leadership practices. Five leadership courses, each with a multidisciplinary focus, offer the opportunity to develop, strengthen and use leadership abilities.

Admission/Placement Requirements

Students must have and maintain an adjusted 2.5 minimum GPA to enroll in and subsequently be granted the certificate. All courses require a grade of "B" or better to receive the certificate.

Receiving the Certificate

Following a final transcript verification, students who meet the requirements will receive a certificate from the Department of University Studies. An official notice that the student has met the certificate requirements will also appear on the student's KSU academic record.
If you are interested in the Leadership Studies Academic Certificate and/or would like to receive more information, please fill out the Intent to Enroll form.

Required Courses* (12 Credit Hours)

- LDRS 3000 - Foundations of Leadership
- LDRS 3200 - Leadership in a Global Society
- LDRS 3600 - Ethics in Leadership
- LDRS 3800 - Leading in Groups

*Related KSU courses (e.g. MGMT 3140, MILS 2021 or other course approved by the Leadership Studies Coordinator) may be used as a substitute for one of the four required courses.

Choose one from the following (3 Credit Hours)

- LDRS 3400 - Service As Leadership
- LDRS 4400 - Directed Study
- LDRS 4490 - Special Topics in Leadership Studies
- Other KSU leadership-related course (examples include, but are not limited to, COM 4440, HPS 3390, and HS 3520; final approval must be obtained from Leadership Studies Coordinator)

Program Total (15 Credit Hours)

Minors and Military Science

Minor Programs

A minor program is a prescribed area of academic study consisting of 15-18 semester hours, at least 12 of which must be non-duplicative outside the major's primary discipline and beyond the courses required for the student's major and general education requirements. At least nine of the required hours must be at the upper-division level.

The prescribed courses for a minor may be taken from one or more academic disciplines. Courses taken in Core Area F (lower division major requirements) may be counted as coursework in the minor. Courses taken to satisfy Core Areas A through E (general education) may not be counted as coursework in the minor. Students must earn a grade of at least "C" in all course work applicable to a formal minor. When a student's major and minor programs require the same courses, the credit hours for some of those courses may be counted toward both the major and minor. However, at least 12 hours of a minor must be non-duplicative with course requirements in the major.

In order to graduate with a formal minor that will be noted on the student's permanent record, the student must complete the requirements noted above and submit to the Registrar's Office a completed and approved "Declaration of Formal Minor" form along with the student's formal petition to graduate.

Military Science

Army Reserve Officer Training Corps (ROTC)

Looking to become a leader? Army ROTC is offered through the cooperation of the Georgia Institute of Technology to provide students with career options that lead to commissions as officers in the Active Army, Army National Guard, or Army Reserves. All classes and leadership labs are offered at KSU.

Program Information

The ROTC program is divided into the Basic Course (freshman and sophomore years) and the Advanced Course (junior and senior years). There is no military obligation incurred for enrollment in the Basic Course. After successfully completing the Basic Course, students who have demonstrated leadership potential, passed the qualifying exams and have three academic semesters remaining to graduation are eligible for the Advance Course. Students can also qualify for the Advance Course if they have completed basic training and advanced individual training in any military branch. In addition, students who did not take ROTC during their freshman or sophomore years can qualify for the Advance Course by successfully completing the four-week Leader's Training Course (LTC) any summer prior to their junior year.

Training and books are paid for through the ROTC program. All contracted cadets receive a tax-free monthly stipend ranging from to $300-$500. Students also receive approximately $850 while attending a 30-day Leaders Development and Assessment Course (LDAC) between the junior and senior year. The starting pay of a second lieutenant is over $39,000 per year, plus benefits. After four years of active duty service, the salary is over $59,000 a year, plus benefits. Sophomores through seniors can participate in the Army ROTC program and serve in the National Guard or Reserves at the same time. This program is called the Simultaneous Membership Program (SMP). SMP cadets are non-deployable to ensure completion of academic degrees. These cadets receive a monthly allowance, as well as their reserve pay at the grade of sergeant, E5. The National Guard and Reserves both provide SMP cadets up to $4,500 in tuition assistance per year.

In-college scholarships

Full one and a half, to four-year scholarships are available to highly qualified students. Selection is based upon performance to date, SAT and ACT scores, extracurricular activities, leadership potential, and scholarship availability at the time of interest. Scholarships include full payment of tuition and $900 towards books per year. For more information about Army ROTC, contact the Military Science Department at 770-423-6229 or via e-mail at *http://www.armyrotc.gatech.edu* .

The Air Force Reserve Officer Training Corps (AFROTC)

http://www.afrotc.gatech.edu/

The Air Force Reserve Officer Training Corps (AFROTC) is a two to four-year educational program designed to give men and women the opportunity to become Air Force officers while completing a degree. The Air Force ROTC program is designed to prepare persons to assume positions of increasing responsibility and offers a wide variety of challenging opportunities for professional growth. Some sample careers are: Pilot, Navigator, Aircraft Maintenance, Missiles, Engineering, Scientific and Developmental Fields, Computer Science, Law, Health Services and Management.

Academic schedule

Freshmen and sophomores attend a 90-minute class one day per week and Leadership Lab (90 minutes) every Thursday (3 hours per week total). The Leadership Labs consist of drill and ceremony practice, guest speakers from across the nation, athletic competitions, and other cadet activities. Juniors and seniors attend a 90-minute class each Tuesday and Thursday in addition to the Leadership Lab (5 hours per week). All cadets are required to wear their prescribed uniform throughout both days.

Obligation after commissioning

Upon graduation from school, and completion of requirements, the student will be commissioned as a second lieutenant in the Armed Forces and have a military commitment based upon active or reserve duty. Navigators and pilots, respectively, have 6-year commitments upon completion of flight school.

Cross-registration

Students who are interested in enrolling in Air Force ROTC courses leading to a commission in the United States Air Force can do so through the cross-registration process at their school. Contact the Detachment 165 Unit Admissions Officer at 404-894-4175 for more information.

Field training

Field Training is, in most cases, a cadet's first exposure to working in a tactical environment. The program is designed to develop military leadership and discipline, and to provide officer orientation and motivation. At the same time, cadets are evaluated on their potential as officers. Field training includes professional development orientation, marksmanship training, junior officer training, physical fitness, and Combat Water Survival Training (CWST).

In-college scholarships

Air Force ROTC can help you with the high cost of getting your degree. As an Air Force ROTC cadet you are entitled to many benefits. Some of them are:

- Up to $15,000 per academic year to cover tuition, lab and incidental fees, $900 for textbooks, and $250-$400 a month tax-free allowance;

- Free Air Force uniforms and textbooks;
- Management training and opportunities to apply leadership principles;
- At most schools, academic credit for your Air Force ROTC classes;
- Travel on military aircraft on a space-available basis if you are on Air Force ROTC scholarship or in the Professional Officer Course.

Nursing Scholarships

Army ROTC offers a variety of scholarships for nursing that cover most tuition, books, and lab fees. The goal of the Nursing scholarships is to allow nursing students to complete their degree debt free, while acquiring a valuable resource to the Army's Nursing Corps.

The Air Force Reserve Officer Training Corps (AFROTC)

http://www.afrotc.gatech.edu/

The Air Force Reserve Officer Training Corps (AFROTC) is a two- to four-year educational program designed to give men and women the opportunity to become Air Force officers while completing a degree. The Air Force ROTC program is designed to prepare persons to assume positions of increasing responsibility and offers a wide variety of challenging opportunities for professional growth. Some sample careers are: Pilot, Navigator, Aircraft Maintenance, Missiles, Engineering, Scientific and Developmental Fields, Computer Science, Law, Health Services and Management.

Cross-registration

Students who are interested in enrolling in Air Force ROTC courses leading to a commission in the United States Air Force can do so through the cross-registration process at their host school. Contact the Detachment 165 Unit Admissions Officer at 404-894-4175 for more information.

In-college scholarships

Air Force ROTC can help you with the high cost of getting your degree. As an Air Force ROTC cadet you are entitled to many benefits. Some of them are:

- Up to $15,000 per academic year to cover tuition, lab and incidental fees, $900 for textbooks, and $250-$400 a month tax-free allowance;
- Free Air Force uniforms and textbooks;
- Management training and opportunities to apply leadership principles;
- At most schools, academic credit for your Air Force ROTC classes;
- Travel on military aircraft on a space-available basis if you are on Air Force ROTC scholarship or in the Professional Officer Course.

Pre-Health Professions and Armed Forces Health Professions Program

A Pre-Health Professions Program designation is offered to encourage students to earn commissions through Air Force ROTC and continue their education in medical or osteopathic school. You must apply before the end of your sophomore year. You will also be guaranteed additional tuition assistance for graduate-level health schooling expenses under the Armed Forces Health Professions Scholarship Program. When you are accepted to your graduate-level health professions school, you will be granted the scholarship and transferred into the Air Force Medical Corps. Armed Forces Health Professions Scholarship participants incur an additional active-duty service commitment.

Preparation for Post-Baccalaureate Study

Students who are interested in post-baccalaureate study should, as early as possible in their academic career, take advantage of two valuable sources of information: (1) the graduate catalog which describes in detail the various graduate and post graduate programs and; (2) an academic advisor in their area of interest. The catalog outlines specific entrance requirements and necessary prerequisites.

The advisor can provide assistance with curricular decisions at KSU. Students should be aware that graduate programs do not necessarily require an undergraduate degree in that specific discipline and that prerequisites may often be completed as elective courses in another major.

Professional Program Preparation

Some students are interested in applying to graduate or post-baccalaureate professional programs not offered at KSU (dentistry, engineering, law, and medicine for example). Although KSU does not offer pre-professional programs, many of our major programs of study and course offerings provide students with the opportunity to obtain recommended course work that will satisfy the entrance requirements for professional programs.

These students are encouraged to see their advisor or contact a pre-professional program advisor as early as possible in their degree. These advisors can assist students in selecting appropriate course work, suggest strategies for including the course work into a specific program of study, and provide guidance on applying to professional programs. Information and advisement about pre-professional preparation can be obtained from the departments listed below. Information for all such programs is also available on KSU's Web site at: *science.kennesaw.edu/chem/prepro* .

Dentistry	Departments of Biology and Physics or Chemistry and Biochemistry
Engineering	Departments of Chemistry and Biochemistry or Mathematics and Statistics

Forestry	Departments of Chemistry and Biochemistry or Biology and Physics
Law	Department of Political Science & International Affairs
Medicine	Departments of Biology and Physics or Chemistry and Biochemistry
Optometry	Department of Chemistry and Biochemistry
Pharmacy	Departments of Biology and Physics or Chemistry and Biochemistry
Podiatry	Department of Chemistry and Biochemistry
Veterinary Medicine	Department of Biology and Physics

Accelerated Bachelor's-Master's Degree Option

The Accelerated Bachelor's Master's Degree Option provides qualified KSU undergraduate students the opportunity to begin graduate studies at KSU in their senior year and to simultaneously satisfy some remaining requirements for the bachelor 's degree and the beginning requirements of an advanced degree.

A student may use up to nine credit hours of graduate-level courses offered within a single degree program in meeting the requirements of both a bachelor's degree and a master 's degree. Students applying for this program must:

1. Have completed at least 18 hours of coursework at Kennesaw State.
2. Have a KSU GPA of 3.5 or better.
3. Be within 21 semester hours of graduation.
4. Have written permission of the chair of the department of the undergraduate major to use the graduate level courses as acceptable substitutes to fulfill related requirements of the bachelor 's degree (students must satisfy all prerequisites for those graduate courses).
5. Meet all requirements for admission into the specified graduate program (except for receipt of the undergraduate degree); and
6. Submit an application for admission to the Accelerated Bachelor's-Master's Degree Program, along with all necessary admissions documentation to the Dean of Graduate Studies by the deadline dates listed below.

No more than nine semester hours of graduate credit may be completed prior to the completion of the baccalaureate degree and admission to a graduate degree program. An undergraduate student enrolled in graduate classes is limited to six semester hours of graduate course work per term and a total academic course load of 12 semester hours per semester.

For students who work closely with their advisors in planning their course of study at KSU, this option offers the opportunity of simultaneously satisfying partial degree requirements for a bachelor 's and a master's degree in an accelerated program of study. Upon completion of the undergraduate degree, with a satisfactory undergraduate grade point average, and a grade of "B " or better in all graduate courses completed, the student may move to full graduate status in the same graduate program, and the courses taken as an undergraduate can be applied toward the graduate degree.

Many combinations of undergraduate and graduate programs are possible and are not restricted to the confines of a single discipline or major. For example, integrated undergraduate/graduate programs have been developed for a Bachelor of Science in Psychology leading to a Master 's Degree in Business Administration and a Bachelor of Arts in English leading to a Master of Arts in Professional Writing. Students interested in this option must meet with the department chair responsible for the undergraduate major.

For application materials, contact the Dean of the Graduate College at 770-423-6738 or ***www.kennesaw.edu/graduate/admissions/contact.html*** . Students may not apply online for this program. Submit applications materials to the Dean of the Graduate College no later than the following dates:

July 15	for Fall term admission
November 15	for Spring term admission
April 15	for Summer term admission

The accelerated option is not available for students wishing to take courses in the MSN program. It is also not available for those wishing to take courses in the M.Ed. program unless the student has the required certification for admission to that program. Contact the Bagwell College of Education for more information at 770-423-6043 or ***http://www.kennesaw.edu/education/grad/.***

KSU Graduate Programs

Kennesaw State University offers a number of Master's degrees, which are described under Programs of Study. Complete descriptions of the admission and degree requirements are detailed in the Kennesaw State University Graduate Catalog. Additional information can be obtained from the Graduate Admissions Office, the Graduate Program Directors, and on-line at: ***http://www.kennesaw.edu/graduate/.***

Graduate Entrance Examinations

Most graduate programs require graduate entrance examinations similar to the undergraduate SAT tests. Although KSU does not actually administer these tests, students may obtain registration information about the GRE, GMAT, LSAT, and MCAT in the CAPS Center.

Academic Resources

The Institute for Global Initiatives

The Institute for Global Initiatives promotes and collaboratively leads global learning and regional studies among KSU's faculty, students, staff and the community through academic services and programs, research and scholarship, and partnerships. It supports and promotes KSU's mission of international education by initiating programs, responding to external funding opportunities, and providing leadership for the institution's regional centers. The centers are Center for African and African Diaspora Studies (CAADS) and the Center for Hispanic Studies (CHS). It collaborates with divisions, colleges, departments, and other units to ensure the infusion of international dimensions into teaching, scholarship, and community service. At the core of the IGI is the Office of International Services and Programs (OISP). The OISP coordinates a wide range of international programs and events, including international student recruitment and admission, study abroad programs to various destinations, the annual country-study program, and international student and faculty exchange program.

The Confucius Institute

The nonprofit Confucius Institute at KSU promotes the study of Chinese language, culture, ethics, and philosophy, and furthers the understanding of China today.

With the establishment of this prestigious institute at KSU, the university will become a key resource in developing networks with China, the world's fastest-growing economy, while serving the growing educational and business communities in the Atlanta area, as well as the Southeastern United States.

KSU, Georgia's third largest university, is partnering with Yangzhou University (YZU) in the establishment of this Confucius Institute. YZU is a key comprehensive university in Jiangsu Province. It emerged in 1992 through the merging of several higher educational institutions; the history of some of these institutions dates as far back as 1902.
For more information, visit the Confucius Institute Website.

Teacher Resource and Activity Center (TRAC)

The Teacher Resource and Activity Center, located in Kennesaw Hall Room 2005, is sponsored by the Bagwell College of Education and open to all KSU students, faculty, and staff. Educators in the geographical area served by the University are also invited to use the center.

Designed specifically to meet the needs of professional teachers and education majors in the teacher preparation program, the center offers a curriculum library, media services, and instructional materials. It maintains a large library of professional books and periodicals, K-12 textbooks for curriculum planning at all grade levels, theme-related activity guides, supplemental kits, and over 1,500 educational DVDs and videos. TRAC also houses a production workroom equipped with a print/copy station, laminators, spiral and heat binders, poster printers, paper cutters, badge makers, and other assorted machines that support the development of classroom materials. TRAC has an extensive die-cut collection of over 2000 shapes, letters, and numbers for creating bulletin boards and learning center manipulatives. Additional equipment such as computers, opaque projector, tape recorder, CD player, and televisions with VCR/DVD players are available for use in the center. Friendly staff is available to assist visitors.

Writing Center

The KSU Writing Center, located in English Building Rm. 242, is a free service available to all members of the university community. Student and faculty writing assistants work one-on-one with writers in any subject and at any stage of the writing process on issues such as topic development, organization, drafting, revision, grammar, punctuation, documentation, and essay test preparation. Appointments are strongly encouraged and can be made via the Center's website or in person. The Writing Center also includes a computer lab, writing resource library, and study space for student use.

Hours of operation for the academic year:

Monday - Thursday	9:00 a.m. - 8:00 p.m.
Friday	9:00 a.m. - 1:00 p.m.
Sunday	1:00 p.m. - 5:00 p.m.

To schedule an appointment and to learn more about special events and services at the Writing Center, visit: ***http://www.kennesaw.edu/english/WritingCenter/***.

Cutting-edge course work for individuals planning to re-enter the workforce, change careers, or add to their portfolio of skills is the specialty of The College of Continuing and Professional Education. The College offers more than 40 professional certificate programs and a small collection of life and leisure courses sure to spark fun and creativity.

The College of Continuing and Professional Education

The College offers hundreds of classes annually including classes from Paralegal to Phlebotomy. Most classes are offered at KSU Center which offers students a learning experience inside fully equipped classrooms wired with the latest technology or online which allows great flexibility for the full-time professional. The College serves more than 22,000 students annually.

Professional certificate programs include Paralegal, Technical Writing, Meeting and Event Management, Administrative Professional, Culinary Apprenticeship, Certified Nursing Assistant, EKG Technician, Phlebotomy, Medical Office Assistant, Teaching English as a Second Language, Professional Development in Gerontology, and the Osher Scholar.

The College also offers specialized, age-appropriate programs through Summer University (First grade through 12th grade), the KSU Futures program for high school graduates who need career training, and The Osher Lifelong Learning Institute (Ages 50 and older).

Continuing Education Units (CEUs) are assigned to all professional development programs with one CEU awarded for 10 contact hours of participation. Several selected courses carry PLUs for teacher re-certification. Transcripts of earned CEUs are available upon request.

Visit the College's website at *ccpe.kennesaw.edu* or call 770-423-6765 for more information and to request a current Course catalog.

Computing & Information Resources

Technology is increasingly an integral part of a student's education. In addition, many student services and information are delivered via technology. To provide the KSU student with a quality education delivered most conveniently, technology is used as an essential part of instruction, for student access to educational materials, and for the delivery of student services.

A $25 technology fee was collected for the first time in the 1997-98 academic year to provide students with improved technological resources including: greatly enhanced on-campus and remote access to the internet; important software packages such as Microsoft Office delivered on-line; student training in use of computer technology; increased access on campus through extended laboratory hours; computer connections, and an electronics study room in the Library; upgrade of student laboratories and instruction in the use of advanced multimedia presentation technology in the Audio Visual Technology Services laboratory. The technology fee for 2011-2012 is $50.00.

The Kennesaw State University Website exists to assist students with course registration and reviewing of grades. In addition, the KSU Website delivers quality content to our readers. Each year brings new technology, creative uses of technology on campus, and additional services to meet our growing needs.

Mandatory KSU E-Mail Account

KSU generated e-mail accounts are the official means of communication with students. Instructions can be found at ***http://students.kennesaw.edu*** .

KSU's Vice President for Information Technology and Chief Information Officer

The Vice President for Operations and Chief Information Officer (CIO)/Chief Business Officer (CBO) provides leadership in the continuing advancement of information and instructional technology. This position oversees the operations of information technology which includes the Horace W. Sturgis Library; Information Technology Services; Enterprise Systems and Services; Online Development Group; Audio Visual Technology Services; Museums, Archives and Rare Books, and Enterprise Information Management.

Horace W. Sturgis Library

Built in 1981 with over 100,000 feet of space, the library, named after the university's first president Horace W. Sturgis, is designed to support and advance the teaching and learning activities of the greater university community.

The Sturgis Library has more than 600,000 volumes of books, E-books and government publications. There are more than 3,300 serial publications and well over 1.2 million pieces of microforms.

KSU students and faculty have access to and borrowing privileges from the collections in all of Georgia's public college and university libraries as well as a number of private university libraries through The Atlanta Regional Consortium for Higher Education, GALILEO and GIL, Georgia's virtual library system. GALILEO and GIL provide access to the collections of the finest doctoral research university libraries in the state. The comprehensive holdings of Georgia's virtual library system include over 10 million volumes and thousands of full-text periodicals accessible through 225 electronic databases.

The Atlanta Regional Consortium for Higher Education includes institutions such as Agnes Scott College, Emory University, University of Georgia, Clark-Atlanta University, Georgia Institute of Technology, Georgia State University, and the Institute of Paper Science and Technology. Use of these collections is available by an institutional access card, via five day truck delivery, institutional fax machines and through interlibrary loans.

The Atlanta Regional Consortium for Higher Education and University Systems Libraries has unique titles that augment collection development at Kennesaw and through the Georgia Union Catalog, enhance both research and teaching. Access to these extensive catalog collections are through the on-line public catalog which is available in the library, on the campus network and via telephone from remote sites.

For research purposes, faculty and students have access to a broad array of traditional print collections and full-text and full-image digital items through GALILEO, EBSCO, ProQuest, ERIC, and other online reference databases. The GALILEO service provides access to World Wide Web resources such as the Library of Congress, full-text journal titles, newspapers, and to document delivery services.

Users of the library also have access to the following collections:

- The Children's Literature Collection named in honor of the late John DiFazio, professor of education at Kennesaw, houses an 8,000 volume library used for the professional preparation and training of P-12 teachers.
- The Teen Collection consisting of 1,500 works designed to meet the unique learning and reading needs of adolescence.
- The Bentley Special Collections brings together a world-class collection that spans the history of the written word in the Western World. This collection provides undergraduate students one of few opportunities in the nation to study original works firsthand.
- The Government Documents Collection houses print, microforms, CD-ROM databases and remote access to Federal Agencies. Sturgis Library, as part of the national depository system, makes books, periodicals and agency data available to the Sixth Congressional District.
- Performing Arts Library supports the specialized teaching, learning, and research needs of KSU's School of Music and Department of Theatre, Performance Studies, and Dance. Access to the Sturgis Library's collection of arts-oriented digital resources is available from the PAL's computer terminals. Focused instruction is available to individuals and classes in locating and using print, electronic and media resources.
- The Teacher Resource and Activity Center is sponsored by the Bagwell College of Education and is located on the second floor of Kennesaw Hall. TRAC provides a variety of unique professional opportunities for all teachers in the geographic area served by the university. TRAC also has a large collection of books, magazines, and activity guides designed to help teachers create successful learning centers and bulletin boards for their classrooms. Recently added services are:

- The DigitalCommons@Kennesaw State University and the Copyright Management Center. The Digital Commons is a new type of service for the university community. The Digital Commons is an institutional repository: a permanent digital archive, the intellectual and creative out- put of Kennesaw State. The system is a product of Berkeley Electronic Press. With the increase of KSU's graduate programs, the Library intends to use the system to self-publish dissertations and theses and make them available via the web.
- The Copyright Management Center is intended to assist Kennesaw faculty, staff, and students in working and complying with copyright issues, specifically in balancing the rights of copyright holders with the exercise of fair use for educational purposes.
- Ask a Librarian e-mail service is now available and is part of a whole array of virtual reference tools designed to expand delivery of information and reference help.
- Library Instruction classes are provided for students and faculty. Individual research clinics are available by appointment. The library is a charter member of LYRASIS, the nation's largest regional membership organization for libraries and information professionals and is a member of the On-line Computer Library Center, a major international library computing network with members located in the United States, Canada, Europe and Japan.
- The Sturgis Library is open 100 hours during the semester and has extended hours during exams. Between semester hours are posted at library entrances, the circulation desk and on the library website. For checkout of materials, the university identification card serves as a library card.

Computing Services

The goal of Information Technology Services (ITS) is to provide efficient, secure and user-friendly access to technology for all students, faculty and staff, so they have the necessary tools to carryout collaboration, research, scholarship, and innovation. ITS provides the foundational infrastructure of campus computing, both installing and maintaining network connectivity, telecommunications, and campus computing hardware.

Students receive a KSU email account, personal web space, web-based file storage, and are eligible to take online training on many commonly used software programs via a single-sign-on authentication – one login ID, and one password. ITS also provides face to face technology workshops, and a student help desk, complete with walk-up services. Within the ITS computer labs on the 4th floor of Burruss, students have access to many standard office productivity programs plus academically specific software, as well as color printing and copy services. Group labs are available for collaborative work, and trained lab assistants are on duty to answer any questions. Over 63 similar computer labs are scattered throughout the colleges, library and student center.

The rules for use of all telecommunications equipment, including telephones, computers and FAX equipment, are found the KSU Web site at: *http://its.kennesaw.edu/telecom/index.html* . They can also be reached through the KSU Intranet home page by choosing the topic Issue Specific System Policies from the Computing Resources section. Use of any of these facilities implies an understanding of and compliance with these policies

Online Learning Services Department

The KSU Online Development Group supports online learning and content management systems for Kennesaw State University, including web-based course support, video servers, and systems for providing live and recorded classes over the Internet. Our mission also includes the investigation and development of new technologies for online and classroom use.

ODG supports the GeorgiaView Vista system as the primary learning management system for campus. GeorgiaView Vista is a system that can be used, at the option of the faculty, in any course at KSU. It is accessed over the Internet from on- or off-campus and provides a variety of instructional tools for use by faculty and students.

ODG also supports the Drupal content management system for campus. Drupal is used for both academic and administrative web sites, and allows creation and update of web content using only a web browser.

Additional information about resources for online learning and the services provided by ODG can be found at the web site: *http://online.kennesaw.edu/*

Audio/Visual Technology Services (AVTS)

The Audio/Visual Technology Services (AVTS) offers a wide range of multimedia services and training for faculty, staff, and students. Located on the fourth floor of the library, AVTS supports audio/visual and presentation equipment on campus. In addition to maintaining KSU's multimedia presentation classrooms, AVTS specializes in multimedia training and production assistance; graphics creation, multimedia file conversion, audio/video tape duplication, video editing/compression, desktop publishing, and CD-ROM recording. AVTS supports some of the most cutting edge multimedia hardware and software available.

Instructional Equipment

MDG supports a wide range of equipment for classroom use. Through designated building coordinators, MDG maintains a distributed set of equipment for faculty to request. Each building coordinator has his/her own system for reserving equipment. See your departmental secretary to obtain building coordinator's contract name and number.

Equipment available for pickup includes: data projection systems, video playback combo, VHS camcorders, audio cassette player/recorders, audio CD players, public address systems, slide projectors, and microphones. If you have special equipment needs, consult MDG to consider options.

MDG Media Circulation Lab Hours

The MDG multimedia lab is open to faculty, staff, and students Monday - Thursday from 9:00 a.m. - 6:00 p.m., and Friday from 8:30 a.m. to 5:00 p.m. The lab is closed on holidays.

Department of Archives, Rare Books, and Records Management

The Department of Archives and Records Management was established in 2004 in order to preserve the history of Kennesaw State University and to oversee the management of University records. The Records Management division assists and provides training for faculty and staff on managing paper and electronic records. The Archives division serves the research interests of KSU students, faculty, staff and the public. Our holdings include 600 linear feet of University records, 120 linear feet of Georgia History collections, several thousand University photographs and audiovisual recordings, and digital collections. Recent acquisitions include the records of the NAACP Cobb County Branch, the Gordon Collection on workplace integration at the Lockheed Plant (Marietta, Georgia) and in the Southeastern United States, and the Walker Collection on African-American churches, plantations, and cemeteries in Georgia. The Bentley Rare Book Library, one of three museum-grade rare book libraries in Georgia, was added to the department in July 2009. The Rare Book Library offers tours, classes and seminars for the KSU community and the general public. Among the more than 15,000 volumes represented by the Bentley Library are recent acquisitions of a fourth folio Shakespeare (1685) and a first edition of the complete works of Chaucer.

Enterprise Information Management (EIM)

The Enterprise Information Management (EIM) office maintains the university's program and institutional evaluation records, is the university's official SACS accreditation liaison, and oversees the university's comprehensive program review and improvement process. The offices of Enterprise Information Reporting and Enterprise Data Management and Analysis aid in facilitating the production of statistical information, data analysis, and special studies in support of institutional reporting, planning, assessment, and administrative oversight.

Educational Technology Center

The KSU Educational Technology Center (ETC) is proud to be the largest of the technology centers located throughout the state. The KSU ETC is located in the Bagwell College of Education on the second floor of Kennesaw Hall. The ETC serves educators in metro Atlanta area school systems by providing comprehensive instructional, administrative, and technical training for Georgia educators in a short course or seminar format. In addition, the ETC provides consulting and advising services, helping school systems to select, implement, and support classroom technology that provides the greatest benefit to students and teachers. The ETC seeks to disseminate information about educational technology through participation in state and national conferences, by producing blogs, podcasts, and web-based materials and by participating in classes offered as part of pre-service degree programs at KSU. Visit their website at *http://edtech.kennesaw.edu f*or more information on available resources and services.

Student Services & Activities

Division of Student Success

The Division of Student Success offers a variety of programs, services and activities that assist and enhance student success. The areas included in this division are the Career Services Center, Sports and Recreation, Residence Life, Student Life, Student Development, Student Success Services, Global Engagement, Center for Student Leadership, and Student Conduct and Academic Integrity. The offices of the Vice President and Dean are located on the fourth floor of Kennesaw Hall.

Student Success Services

Student Success Services (SSS) is a comprehensive service center where students obtain help with educational, career, and personal concerns from a trained staff of counselors, specialists, and advisors. Such assistance is intended to support Kennesaw State University's academic programs by offering relevant resources that facilitate the students' orientation to the university, contribute to personal development, enhance academic success, and facilitate career skills. All students are invited to come to the center from 8:00 a.m. until 7:00 p.m. Monday through Thursday and 8:00 a.m. through 5:00 p.m. on Fridays. We are located in Kennesaw Hall, rm. 2401, or you can call 770-423-6600. Programs and services offered by the Center include:

Orientation

Orientation is designed for first-year students, transfer students, and parents. It was developed to assist students and their parents in making a stress-free transition to Kennesaw State University. The SSS Orientation Program has been recognized by the Foundations of Excellence Organization. Included in the program are opportunities to meet university personnel, understand academic program offerings, advising and registration. Additionally, students and parents are given the opportunity to learn about the various organizations and services available to maximize student success. Orientation Program is located in the Carmichael Building, room 156, and can be reached by calling 770-423-6219.

Counseling and Psychological Services

In an atmosphere of confidentiality, professional counselors offer assistance to students with a variety of concerns which may include career, personal and academic counseling. Special seminars in study skills, time management, stress management, assertiveness, test-taking and other topics are conducted each semester during the academic year. This program is located in the Student Success

Services office, 2nd floor of Kennesaw Hall, rm. 2401, and can be reached by calling 770-423-6600.

Testing Services
Testing Services provides institutional, state and national testing opportunities to students in an atmosphere which enables examinees to perform to the best of their abilities. Testing Services coordinates and administers: CLEP, Compass, ISAT, Regents, US & GA History Exemption Exam, US & GA Constitution Exam, as well as provides proctoring services for students enrolled in Independent Study and Georgia eCore. Testing Services is also located in the Student Success Services office on the 2nd floor of Kennesaw Hall, rm. 2401, and can be reached by calling 770-423-6600. College Level Examination Program (CLEP) for Advanced Standing: Students with business, military, or professional experience are eligible to take standardized examinations in a number of areas to earn credit for certain specific courses, provided a minimum score is attained on the tests. Credit earned will be recorded on the student's permanent record.

For specific information concerning subject areas in which tests are available, the cost and minimum score required for credit and dates tests will be given, contact Student Success Services.

First-Year and Undeclared Advising Services

First-Year and Undeclared Advising Services provides first-year students, students who have not declared an academic program of study and Learning Support Program students with academic advising. Advisors meet with students to help them navigate General Education requirements and identify possible programs of study. First-Year Advising Services is part of the Kennesaw State University advising program whereby each department within the seven colleges provides advising services to students who have chosen their programs of study. Once the undeclared students select a specific program of study, they are referred to the respective colleges where faculty and staff in the academic departments advise the students until graduation. First-Year students who know the major can be advised in First-Year and Undeclared Advising Services as well as the academic department of the major. First-Year Advising is located on the first floor of Kennesaw Hall, rm. 1304 and can be reached by calling 678-797-2860.

Changing or Declaring Majors: To declare a major for the first time, students must contact the departmental office of their desired major. Students will complete a form in that department and have a major assigned. If students change their preferences and desire to select another major, they need to go to the department of the newly desired major. Some students may wish to change from a major to undeclared status. In this case, they must contact the First-Year and Undeclared Advising Services. Students should note that when changing majors, there is a possibility that additional hours of course work beyond those required for the completion of the original program may need to be taken. Students should declare a major as soon as possible so that they can be assigned an advisor to help them expedite their progress toward a degree and to help them in preparing for a career.

Undeclared Students: Students who have not declared a major and those required to take Learning Support classes are assigned to First-Year and Undeclared Advising Services. These advisers are trained and available to help students select courses that meet the General Education requirements for all majors, adjust to the university, and choose a program of study. First-Year and Undeclared Advising Services also refer students to other campus resources when appropriate.

First-Year Advising Requirement: First-Year students (freshmen) are required to meet with an academic advisor prior to registration for their second and third semesters. This requirement is enforced by the placement of the "FY-Advising Required" registration hold. These students will not be able to register for the second and third semester until they have met with an advisor either in their major department or in First-Year and Undeclared Advising Services.

Center for Young Adult Addiction and Recovery

The Center for Young Adult Addiction and Recovery, a division of Student Success Services, provides an environment of collaboration which fosters the development of a

peer community for all students in recovery, alcohol and drug education and intervention services and national recognition in research and advancement in the field of young adult addiction and recovery. Staff is available on-site in University College Building, Room 222, from 8 a.m. to 5 p.m. to meet the needs of students.

The Collegiate Recovery Community supports students in recovery from addition by offering weekly recovery meetings, a peer community program, and a safe, nurturing environment of support. Located in Willingham Hall, Room 128, the center is open to students in recovery from 8 a.m. to 7 p.m. Monday-Thursday, and 8 a.m. to 3 p.m. on Fridays. For more information contact 678-797-2538 or recovery@kennesaw.edu.

Student-Athlete Success Services

Professional staff assist KSU student-athletes by helping them succeed personally and academically. Student-athletes receive assistance with advising, study skills, tutoring, orientation and registration. Life skills are offered as well as opportunities to volunteer as mentors for the community. SASS is located in Building #65 at the corner of Big Shanty and Campus Loop Road and can be reached at 678-797-2402.

Behavioral Response Programs

Behavioral Response Programs (BRP) is a division of Student Success Services that takes a planned and proactive approach to identifying and assisting students who are distressed and/or exhibiting abnormal, threatening, or dangerous behavior. Through early identification, BRP aims to assist students, get them connected with the resources they need to be successful, and prevent emerging crises.

The work of BRP is guided by the overarching goals of maximizing student success and community safety. Behavioral Response is available for consultation and/or training in best practices in dealing with distressed, disruptive, or dangerous individuals. Additionally, an extension of BRP is the Behavioral Response Team, a multidisciplinary team representing a variety of campus offices that meets weekly to assess and manage any concerns that have been brought to its attention. Behavioral Response is located in the main Student Success Services offices in Kennesaw Hall, Room 2401 and can be reached at 770-423-6600.

Student Success Services Resource Areas

Counseling and Psychological Services (CPS) and Testing Services office provides a resource area available to all students without appointment. We are located in KH, rm. 2401. Our reception area is primarily a waiting area for visitors scheduled to meet with the professional staff. In addition, it houses a number of supporting resources:

- Computers with software or Internet links for career self-assessments, including PinPoint, Georgia Career Information Center (GCIC), and links to the Occupational Outlook Handbook (OOH).
- CLEP study guides and GRE, GMAT, LSAT, and MCAT information brochures.
- Career and personal counseling books, brochures, and pamphlets.
- Study skills handouts.
- Information about how to sign up and take online career exploration instruments (MBTI, SII) for a small fee.

Another Resource Area within Student Success Services is located in our First-Year and Undeclared Advising Services office, in Kennesaw Hall, Rm 1304. During student advisement our First-Year Advisors determine PinPoint career exploration would be beneficial; the center also has computers with the career self-assessment tool PinPoint available to students.

Career Services Center

The Career Services Center provides a variety of opportunities and experiences which empower the students and alumni of KSU to successfully pursue their career goals. The Center is located on the second floor of Kennesaw Hall, Room 2617. The phone number is 770-423-6555.

Services provided include:

- Resume writing assistance
- Experiential learning opportunities (Cooperative Education and Internships)
- Videotaped practice interviewing
- Career search strategies
- Internet career search assistance: *http://careerctr.kennesaw.edu/*

- OwlLink Jobs: (listing of hundreds of degree and non-degree openings available through the University's computer network)
- Current listings of government, educational, social service and communications opportunities
- Information on hundreds of companies
- OwlLink (Internet system which enables you to create a resume and upload it to the Career Service database for referral to employees) from the web
- On-Campus recruiting (hundreds of companies interview our graduating students and alumni for available positions each year)
- Career Fairs: Five career fairs are held each year. A general career expo and an accounting career fair are held in the fall. In the spring, an experiential education and career fair is held, as well as a teacher career fair and a non-profit government career fair.

Cooperative Education and Internships

The Cooperative Education and Internship programs offer students work experience relative to their majors. Most employers want students with practical experience and often prefer to hire those who have worked with them and others through internships or co-ops.

Cooperative education combines work experience with time spent in the university classroom. The positions are always paid employment. Students who co-op must do so for a minimum of two (2) semesters with the exception of seniors who are no more than 12 semester hours from graduating. These students may be eligible for a one (1) semester co-op experience. Students receive academic credit for each semester worked and may accumulate a maximum of 12 semester hours of co-op credit. The amount of credit assigned to any co-op experience is determined by the KSU Career Services Center.

Co-op experience may be full-time or part-time. The full-time option usually equates to 35-40 hours of work per week. Additional courses may be taken in the evening if desired. The part-time option involves working an average of 20-25 hours per week, with additional courses taken during the same semester or summer term if full-time enrollment status is desired. At least a 2.5 adjusted GPA is required for all co-op students.

Internships are usually one semester in length, may be either full- or part-time, and may be paid or unpaid. A student will receive academic credit for each internship. This must be approved by the student's academic department. Students may participate in more than one internship experience, but the maximum number of hours of credit that can be earned in internship status is twelve (12) semester hours.

Co-op classes are taken on a pass/fail basis only; thus the grade of "S" or "U" will be assigned. The internship grade structure depends on the academic department involved. Students should check with the Career Services Center for more information about these programs. Co-op and internship course credit may be used as general elective credits in most majors.

Student Conduct & Academic Integrity

The predecessor of the Kennesaw State University SCAI Department, (Office of Judiciary Programs), was developed in 1985 to administer and supervise the procedures surrounding alleged infractions of the KSU Student Code of Conduct and other university policies. The SCAI Department strives to assure fair and impartial considerations of misconduct charges against any KSU student through a system of campus hearing boards and other administrative procedures (hearing officers).

The SCAI structure includes hearing officers and hearing boards . Each hearing board is composed of both faculty/staff and student members of the SCAI panel. Members of the panel are trained to hear complaints, arrive at fair and impartial conclusions and deliver clear and direct recommendations. In addition, panel members are trained to assist in the preparation and presentation of misconduct cases before the university court hearing board.

Students are invited to apply to become a member of the SCAI hearing board. Requirements include:

- a minimum 2.8 overall GPA;
- a strong interest in protecting the reputation of the University by assuring that the rules of the Code of Conduct are upheld;
- successful personal interview(s);
- two personal references who will testify to your character and integrity;
- a commitment to uphold the SCAI Code of Ethics, attend training sessions, and volunteer to serve on hearing boards when available.

For more information, please contact the director for the SCAI department at (770) 499-3403 or visit the KSU SCAI Website at *www.kennesaw.edu/scai/*.

Student Development

Student Development coordinates support services, programs, and activities to enrich the college experiences of specifically identified student populations, including multicultural students, international students, adult learners, and students with disabilities. In addition, the department provides an avenue for individuals to engage in volunteer service in the community through Volunteer Kennesaw State University (VKSU). Through three satellite centers - the Cultural Awareness and Resource Center, the Lifelong Learning Center, and the Global Village - students are provided a place to gather; a broad array of information; access to computers and other equipment; and knowledgeable, friendly support staff to ensure that students have a positive and supportive "home" on campus.

The Odyssey Program, a peer mentoring program, is also coordinated by Student Development. The Odyssey Program helps first-year and new transfer students make a smooth transition to college life at Kennesaw State by pairing them with a qualified peer mentor. Student Development, located in the Carmichael Student Center Suite 267, is open Monday through Thursday from 8:00 a.m. to 7:00 p.m. and Friday from 8:00 a.m. to 5:00 p.m. and can be reached by phone at 770-423-6443. More information about Student Devel*opment can be found at www.kennesaw.edu/stu_dev .*

Adult Learner Programs

Adult Learner Programs at KSU provides a variety of innovative events and services to meet the needs of the "nontraditional" student. Our target student population are individuals who are 25 years of age or older or who have "nontraditional" life-styles such as family and employment. Offerings include workshops, seminars, and individual consultations for prospective students as well as programs that promote academic success. The staff of Adult Learner Programs act as liaisons and advocates in helping non-traditional students succeed in and outside the classroom. Numerous sources of university information and resources are available as well as opportunities for students to participate in programs such as the Childcare Subsidy Lottery and the Adult Learner Book Subsidy Lottery.

Some of the major events sponsored by Adult Learner Programs include the Adult Learner Information Seminar which is designed to help nontraditional students who are entering or re-entering college conquer their apprehensions and connect with their peers; the Adult Learner Recognition Ceremony which celebrates Georgia's Adult Learner Day by acknowledging individuals who are excelling academically under difficult circumstances; and the WINGS (When I Need Generous Support) Ceremony which provides an opportunity for all graduating seniors to recognize those individuals that have helped them through college. The office is housed in the Lifelong Learning Center, Room 261 of the Carmichael Student Center. Visit *www.kennesaw.edu/stu_dev/alp* for more information.

Lifelong Learning Center

The Lifelong Learning Center (LLC) serves as a resource center for degree seeking non-traditional commuter students. Nontraditional students are defined as those over the traditional college age or living "nontraditional" college life-styles such as juggling the responsibilities of family, school, and employment. The LLC seeks to enhance the university experience by providing services specifically designed for students returning to college or starting college later in life. The LLC is located in Room 261 of the Carmichael Student Center. The center is open from 8:00 a.m. to 7:00 p.m. Monday through Thursday

and 8:00 a.m. to 4:00 p.m. on Friday. During breaks and summer sessions the LLC is open from 8:30 a.m. to 5:00 p.m. Monday through Thursday and 8:30 am to 4:00 p.m. on Friday. You may reach the Lifelong Learning Center staff by dialing 770-423-6701.

The commuter and non-traditional student will find a multitude of resources available to them in the LLC. Resources include information and referral services as well as literature racks with academic and campus information and services. The LLC also houses a study/networking area with a free local telephone, free local fax machine, and a kitchenette complete with microwave, refrigerator, toaster oven, and free coffee and tea. Academic support services include fifteen computers networked to Information Technology Services, laptop ports, and wireless access. In addition, hour-long, one-on-one math tutoring appointments are available to assist students with a variety of math courses taught at KSU. The Lifelong Learning Center hosts numerous adult learner workshops and events throughout the academic year.

Multicultural Student Retention Services

A number of factors impact the retention of students of color at major institutions of higher education. Kennesaw State University is no exception. These factors include the quality of support services, faculty's expectations and attitudes, the campus climate of socialization, and the sense of belonging experienced by the students.

Multicultural Student Retention Services (MSRS) provides students of color with essential resources, services, and opportunities to aid in their retention, progression and completion of their academic careers at Kennesaw State University. MSRS facilitates academic success for students of color by offering the following resources:

- Minority Advising Program (MAP) which tracks, monitors, and facilitates academic success and retention strategies for minority students enrolled in each of Georgia's 34 public colleges and universities;
- The Cultural Awareness and Resource Center (CARC), located on the second floor of the Carmichael Student Center in Room 262, which offers an array of tutorial services, technical, and media resources that cater to the needs of African American, Latino/Hispanic American, Asian American, Native American, and Multicultural students;
- KSU Professionals Empowering Our Potential Leaders for Excellence (P.E.O.P.L.E), a program that matches students with faculty and staff members for mentoring and/or informal academic advising; Making the Grade, a series of workshops on a range of subject matters including career and relationship development to help students excel in various aspects of life at, and beyond, KSU;
- Sources of Scholarship (S.O.S.) Program, a services that informs students about scholarships and grants;
- KSU Minority Report, a newsletter circulated each semester for the purpose of keeping members of Kennesaw State University (KSU) of our efforts and initiatives to serve our minority students;
- The KSU Black History Celebration Committee, comprised of a group of KSU students, faculty, staff, and alumni who collaborate to provide events during the Spring Semester which inform and acknowledge achievements and history of African Americans and people of African descent.

MSRS also actively encourages student involvement in various campus student organizations. The African American Student Alliance (AASA) is the line-item student organization that is directly affiliated with this office and provides leadership and funding for the annual KSU Black History Celebration. Other student organizations targeting students of color on campus include the Mexican American Student Alliance, the KSU Chapter of the NAACP, Distinguished Black Gentlemen, Ladies of Distinction, KSU Gospel Choir, and KSU Black Alumni Society.

The KSU African American Male Initiative, developed in partnership with the University System of Georgia's Board of Regents, faculty, staff and students, specifically fosters positive enrollment, retention, progression,

and graduation trends of Black males at KSU through assessment, mentoring initiatives, and celebration of academic and leadership achievements.

For more information about MSRS and the CARC, contact either the Associate Director for Student Development over Multicultural Student Retention Services at 770-423-6443, or the Manager of the CARC at 770-423-6512. All are encouraged to come by the CARC during our business hours. MSRS is located in the Student Development Center, Carmichael Student Center Room 267; the CARC is located in Room 262. You can also visit us online at *http://www.kennesaw.edu/stu_dev/msrs*.

International Student Retention Services

The Office of International Student Retention Services (ISRS) serves as an advocate and resource for international students. The ISRS provides counseling and advising pertaining to cross cultural adjustment, and academic concerns. Once students become enrolled at KSU, it is the goal of the ISRS to retain them until they graduate. The ISRS is also responsible for implementing the mandatory International Student Orientation. All newly admitted F1 graduate, undergraduate, and transfer students must attend this orientation. The office seeks to provide international students with pertinent information that will enhance their matriculation and success at Kennesaw State University. International students should note that they must maintain full-time academic status during the fall and spring semesters but may be part-time in the summer or choose not to attend.

The staff of International Student Retention Services develops and implements educational, social and cultural activities, programs and workshops for international students. Workshops and seminars are developed each semester to enhance the experience of the international student. The workshops and seminars provide information on immigration, job search strategies, graduate studies, and taxes. The Office of International Student Retention Services takes the responsibility of retaining international students very seriously. In addition to the above, the ISRS offers international students exposure to the Global Village, a gathering place for internationally-centered activities, resources, discussions, and exhibits. The Global Village is located in room 255 of the Student Center.

The Assistant Director of the ISRS and the Administrative Specialist serve as advisors for the International Student Association (ISA). ISA brings together students of all nations for intercultural, social and athletic exchanges. The International Festival is one of the largest events on campus and includes the Mr. and Miss KSU International Beauty Pageant, International Fashion Show, International Bazaar, and the Courtney Parkins Memorial Soccer Tournament.

For more information about the Office of International Student Retention Services (ISRS), call 770-423-6245 or visit the Global Village in room 255 in the Student Center. *http://www.kennesaw.edu/stu_dev/isrs*.

Student Volunteer Service/ Volunteer Kennesaw State University (VKSU)

Student Volunteer Service is an important outreach for Kennesaw State University. Not only does volunteer service provide an avenue for individuals to give something back to the community, but it is also a vehicle for campus organizations and non-profit/ government agencies to partner with VKSU. VKSU is a campus-based volunteer service center matching student volunteer skills and talents with on-campus and off-campus community needs. Since 1984, in cooperation with more than 300 agencies, VKSU has served as a clearinghouse for volunteer opportunities which include Habitat for Humanity, local animal shelters, MUST Ministries, and providing tutoring/mentoring services to at-risk children. In addition, VKSU sponsors various volunteer opportunities/activities that include American Red Cross blood drives, Cobb Christmas Stuff-A-Bus, March of Dimes Annual March for Babies, Non-Profit Roundtable, Marietta Senior Citizen luncheon, and the Volunteer Fair. VKSU also serves an educational role by providing a practical opportunity for students to explore career options and experience volunteer services in their major fields of interests. Student volunteer service can provide valuable job experience as a prelude to career opportunities.

VKSU also provides services for the Federal Work Study Program. This program is a collaboration between Financial Aid and Student Development. Students who have been determined to be eligible may be employed on campus as student assistants or off campus for the America Reads Program offered in select Cobb County schools. Additional job opportunities are possible in select non-profit agencies. For more information, please visit: *www.kennesaw.edu/stu_dev/fws* .

Students are invited to stop by the VKSU office where staff members will help them locate volunteer service opportunities. The office is in the Student Center, Room 267 , and is open Monday through Thursday, 9:00 am to 6:30 pm and Friday, 9:00 am to 4:00 pm during fall and spring semesters. Summer semester and break hours are Monday through Thursday 9:00 am to 5:00 pm and Friday 9:00 am to 4:00 pm. Additional information regarding volunteer service projects can be obtained at *www.kennesaw.edu/stu_dev/vksu* .

Disabled Student Support Services

Kennesaw State University provides program accessibility and reasonable accommodations for persons defined as disabled under Section 504 of the Rehabilitation Act of 1973 or the Americans with Disabilities Act of 1990. A number of services are available to help disabled students with their academic work. In order to make arrangements for special services, students must visit the Office of Disabled Student Support Services and arrange an individual assistance plan. Certification of disability is required. Special services are based on medical and/or psychological certification of disability, eligibility for services by outside agencies, and ability to complete tasks required in courses. Any individual with a disability who wishes to participate in an activity or program offered by the institution and needs accommodations should contact the office sponsoring the program at least five days prior to the date of the program so that arrangements can be made.

Accommodative services may include, but are not limited to, handicap-accessible parking spaces, special test rooms, classroom accessibility, modifications of printed materials, sign language interpreters, assistance with getting class notes, audio recording, library and laboratory assistance, adaptive computer equipment, and referral to community resources. Eligible students deliver certification letters to faculty at the beginning of each semester identifying the approved accommodations. The Assistant Director for Disabled Student Support Services works with faculty members to assure that students with special needs receive appropriate accommodations.

Students taking courses on-line or at sites other than the main campus should contact the Disabled Student Support Services office by phone (770-423-6443) or email (cpope@kennesaw.edu) to make arrangements to submit documentation, register with the department, arrange accommodations, etc. Accommodations and services at remote locations may require additional time to arrange, so please start early.

Workshops on relevant topics designed to meet the unique needs of disabled students are offered frequently during each semester. Individual assistance with study skills, assignment completion, and test preparation is available.

Students, faculty, and staff are encouraged to become active members of the Disabled Student Support Services Advisory Committee and to have a part in promoting awareness of the important contributions made by students with disabilities to the life of the university and the community. The committee also works to increase the accessibility of the university and to represent the interests of students with disabilities to the university administration. Individuals with hearing impairment may contact the university's Assistant Director for Disabled Student Support Services by TTY at 770-423-6480. More information is available at *www.kennesaw.edu/stu_dev/dsss* .

Department of Student Life

The Department of Student Life provides an open, comfortable, engaging place that promotes student success and personal growth. The Department of Student Life exists to create well-rounded extracurricular life for students at Kennesaw State University. The department provides support for most of

the programs and services funded with the student activity fee and strives to promote student involvement by informing students of the opportunities available to them. By encouraging students to be involved in student activities, our goal is for students to learn how to plan and execute activities and how to work cooperatively and collaboratively with other groups and constituencies on campus. General services provided by the Department of Student Life include oversight of the Student Center, operation and staffing of the Game Room, management of student activity budgets, reservations of campus space for registered student organizations (RSOs), campus Lost and Found, and support for over 200 RSOs. The Department of Student Life specifically oversees all RSOs, the Office of Fraternity and Sorority Life (OFSL), the Kennesaw Activities Board (KAB), the Student Government Association (SGA), all spiritual and faith-based student organizations, and the student media outlets: Owl Radio, The Sentinel student newspaper, Talon Feature Magazine, and Share Literary and Art Magazine.

Registered Student Organizations

Kennesaw State's RSOs are organized into several categories: academic, communications/media, fraternity/sorority, faith-based/spiritual, graduate, honorary, military, multicultural, global, performance/fine arts, political/social, pre-professional, and special interest. For a complete list, visit *www.ksuclubs.com* .

The Office of Fraternity and Sorority Life

Kennesaw State University is home to 20 national fraternities and sororities, each of which fall under one of our three umbrella Greek Councils: Interfraternity Council (IFC): Delta Tau Delta, Delta Chi, Theta Chi, Kappa Sigma, Pi Kappa Alpha, Pi Kappa Phi; Panhellenic Conference (PH): Delta Phi Epsilon, Phi Mu, Gamma Phi Beta, Alpha Omicron Pi; National PanHellenic Council (NPHC): Alpha Kappa Alpha, Delta Sigma Theta, Zeta Phi Beta, Sigma Gamma Rho, Alpha Phi Alpha, Omega Psi Phi, Phi Beta Sigma, Kappa Alpha Psi; and the Multicultural Greek Council (MGC): Lambda Theta Phi, Lambda Theta Alpha, and Sigma Sigma Rho. The OFSL also oversees two national honor societies for fraternity and sorority students: Order of Omega and Gamma Sigma Theta. For more information, please visit *www.ksugreeks.com* .

Kennesaw Activities Board (KAB)

KAB is a student organization that has responsibility for providing a wide variety of programming for the entire campus. Its events include: Chautauqua Lecture Series, Homecoming, CineKab (free movie rental), Theme Weeks, KSU Day, Comedy/Musical Shows, and other events throughout the year. For more information, please visit *www.ksukab.com* . The KAB office is located in the Student Center, room 375.

Student Government Association (SGA)

SGA is the "Voice of the Students" at KSU to the administration and the Board of Regents. SGA makes decisions and recommendations on any issue that affects students at KSU. SGA representatives serve on campus-wide committees and represent all academic colleges and various KSU student constituencies. SGA meetings are open to all KSU students. While most SGA positions are elected, the SGA president appoints some positions. All students are welcome to attend SGA meetings, which occur Thursdays at 3:30pm during fall and spring semesters. There are at least two SGA meetings held during summer semester. If you are interested in being a part of SGA and need more information, please visit *www.ksusga.com* . The SGA offices are located in the Student Center, rooms 374 and 376. SGA "resides" in the Department of Student Life, and is advised by the Assistant Director for Student Involvement.

Student Media

Four student media organizations provide opportunities for students to write, edit, photograph, and create designs, web pages and radio broadcasts for experience, academic credit or for pay. The Sentinel, KSU's weekly newspaper, covers campus news, sports and student opinion. Talon, KSU's feature magazine, captures student life through photos and stories. Share, the student literary and art magazine, provides a publishing outlet for the creative talents of KSU students. OWL Radio allows students to gain experience on and off the air with KSU's Internet streaming radio station. Experienced students are welcome as

well as those who are willing to learn on the job. All students are welcome to explore KSU Student Media and get involved. The Student Media suite is located in the Student Center, room 277; Owl Radio is located on the first floor of the Student Center, room 171. The Associate Director of Student Life advises student Media. For more information, please visit the website www.ksumedia.com .
The Department of Student Life is located in room 274 of the James V. Carmichael Student Center. Telephone number is (770) 423-6280. Visit the website at *www.ksustudent.com*.

Department of Sports & Recreation

Participating in sports and recreation programs can be one of the most fun and memorable experiences here at Kennesaw State. The activity schedule offers something for everybody. The programs provide an opportunity to compete at various levels, improve leadership skills, socialize, develop positive fitness practices, cultivate a connection to the university, explore the outdoors, and just have fun. The Department of Sports & Recreation includes programs such as intramural sports, club sports, outdoor recreation, fitness classes, and personnel training, Program schedules and facility hours are available at the beginning of each semester. Additionally, a semester program guide listing events gives you an opportunity to plan the activities you wish to participate in. The recreation facilities comprise the Student Recreation & Wellness Center (SRWC), sand volleyball court, tennis courts, on-campus intramural field ,Owl's Nest, and the soon to be completed fields located at the KSU Sports and Recreation Park. The Student Recreation & Wellness Center has two floors dedicated to fitness equipment, a gymnasium, equipment checkout desk, bike shop, XP Power Performance room, group fitness studios, locker rooms, the Wellness Center and the Department of Sports & Recreation. The facilities schedule is available at the Control desk of the SRWC and the web page (*www.ksuintramurals.com*). Students may also call the facilities hotline at 770-420-4393 to hear a 24-hour recording of the Rec Center's operating hours.

In addition to the many activities, the Department of Sports & Recreation also employs a number of students for various jobs. Student staff positions range from fitness floor attendants to sport officials. There are many benefits to working, for example, registering early for classes, keeping your parking space between classes and earning extra money while on campus.

We offer competitive sports, informal recreation, fitness activities, outdoor recreation activities, and special events. All you need to begin participating is a valid KSU ID and a completed waiver/release form. During your time at KSU, we ask that you allow us to be part of your college experience. For more information, stop by our office located in room 129 of the Student Recreation & Wellness Center or call 770-423-6913.

Center for Student Leadership (CSL)

The Center for Student Leadership (CSL) was created to develop strategies, foster academic/SSES partnerships, and launch programs that work to identify, develop, and sustain the leadership of students and graduates of Kennesaw State University. The CSL focuses on providing students resources, training, and programs that enhance their leadership skills and abilities. The CSL functions under three dimensions of development: leadership programs, civic engagement, and scholarship and research.

Leadership Programs

Leadership programs incorporate varied civic engagement experiences to encourage the development of skills and knowledge through reflection, in an environment where students empower themselves to lead lives congruent with ethical leadership.

Civic Engagement

Civic engagement experiences promote a lifestyle congruent with ethical leadership by providing practical opportunities for students to deepen understanding, take action, and reflect on community issues of concern.

Engaged Research and Scholarship

Engaged Research and Scholarship is a holistic approach to learning that blends academic achievement, mentoring and engaged actions that contribute a measured positive change in society and promotes a student's personal growth.

CSL Mission
The Center for Student Leadership offers opportunities for leadership development, action research, and civic engagement to encourage students to embrace life-long leadership.

CSL Vision
Students participating in CSL programs will be life-long, reflective leaders, actively engaged in improving their communities.

CSL Philosophy
Leadership is a lifestyle. It is a reflective, purposeful process, grounded in congruence, driven by collaborative relationships, promoting positive change.

Residence Life
Campus housing is provided through a public-private partnership between the university and the KSU Foundation. Residential support services are provided through the KSU Department of Residence Life, and all leasing and facility matters are handled by a private management company owned by the KSU Foundation called KSUF Housing Management LLC (or 'KSU Housing' for short).

Kennesaw State University began offering on-campus housing in the fall of 2002. There are 3044 rooms available in four residential communities serving different student populations: University Village Suites (all freshmen), University Village (primarily sophomore and freshmen, and Honors housing), University Place (all upperclass), and KSU Place (designated buildings for both freshmen and upperclass). All units offer private bedrooms including cable, Internet, furnishing, and utilities. About half the units offer private bathrooms and half offer shared bathrooms between two bedrooms. All apartments include a full-kitchen, and most apartments include a washer and dryer in the unit. Each community offers unique amenities, such as social lounges, study rooms, classrooms, retail stores and food service, and health clinic. The Residence Life main office is located in the University Village Suites, terrace level of the 3000 building, suite 3051.

For more information visit *http://www.kennesaw.edu/residencelife* , email reslife@kennesaw.edu , or call the KSU Department of Residence Life at 770-420-4388. Private management information is available at *www.ksuhousing.com* , leasing@ksuhousing.com , or 770-426-0668.

Student Fees
Upon registering, each student pays $144 to the intercollegiate athletics program, $72 to student activities, and $42 to Student Recreation and the Wellness Center. The $72 in student activity fees support a variety of programs, activities and organizations to provide all students with opportunities to develop leadership skills, form social networks, maintain a healthy mind and body, and enjoy a variety of entertainment. Student activity fees also support student publications, student media, intramurals, indoor recreation, campus activities board programs, student government programs, performing arts, clubs, organizations, student leadership training programs, the Center for Health Promotion and Wellness, and the Lifelong Learning Center. Because student activity fees help to fund publications, workshops, programs, entertainment and other activities, they are usually offered at no additional cost.

Student activity fees go into the student activities budget, which is handled by the Budget Office under the ultimate authority of the assistant vice president for financial services. The Student Activities Budget Advisory Committee (SABAC) serves as an advisory group to the vice president for student success on matters concerning student activity funds and also approves applications for forming new student organizations. Expenditures are supervised by the vice president for student success. Authority for yearly allocations has been delegated by the president of the university to the vice president for student success, who acts on the advice of SABAC. Regular meetings are held for the specific purpose of hearing requests for funding, approving changes in RSO by-laws, or reviewing requests to form new student organizations. All meetings are open to the public. Students are welcome to attend and voice their opinions about allocation of the funds. For further information about ABAC, please contact the Student Life Department at 770.423.6280.

Other Student Services

KSU Bookstore
The largest selection of used and new textbooks for all KSU classes, supplies, reference materials, and study aids as well as academically-priced software are available in the KSU

Bookstore. The exact cost of required books and peripheral items will vary depending on courses; a full load semester cost is approximately $600. All books and supplies can be bought online. The Bookstore is owned and operated by KSU and all profits from operations go toward campus improvements. The KSU Bookstore buys back textbooks throughout the year; the best prices will be received during finals week at the end of each term. Textbook refunds are generally 100% refundable within the first three days from date of purchase. After that, books will only be considered for a full refund if you drop the course during the first two weeks of classes. If you drop the class, you must provide proof of your course drop along with your original sales receipt. New textbook packages must be intact for treatment as a new book versus a used book. Access codes and software must be unopened.

The Bookstore also offers all spirit wear and mementos, graduation items & gifts, reference and trade books, as well as snacks. Bookstore hours during the semesters are:

Monday – Thursday	7:30 a.m. to 7:00 p.m.
Friday	7:30 a.m. to 4:00 p.m.
Saturday	9:00 a.m. to 2:00 p.m.

Limited hours are maintained when classes are not in session. Please check the Web site at *http://bookstore.kennesaw.edu/* for more information or to order online. Call the Customer Service line at 770-423-6261 if you have any questions.

Culinary Services

KSU Culinary Services is extremely proud to serve the campus community with fast, friendly service and value options to make eating on campus palate-pleasing, healthy and convenient.

The Commons, KSU's all-you-care-to-eat dining hall, is conveniently located next to the Burruss Building just north of the Campus Green. This 50,000 square foot facility provides guests with a variety of dining options for breakfast, lunch and dinner. The Commons features nine venues to choose from, as well as an external take-out option for when you're on the go. Opened in August 2009 to serve the growing number of students living on campus, The Commons is the main dining hall for meal plan participants, and is also open to the public, faculty and staff of KSU. Non-students may either purchase a one-time entry to The Commons or a full meal plan, which provides a volume discount. Please visit www.kennesaw.edu/dining for complete details on meal plans and upgrade options, as well as retail pricing for dining at The Commons.

For other available dining options located around campus, visit Einstein Bros. Bagels (on the ground floor of the Burruss Building), Chick-fil-A Express, PJ's Coffee Café (in the Carmichael Student Center), Jazzman's Café (in the Social Sciences building), and our late-night location, "The Hoot" (in the University Village). In August 2011, a New York style deli will open in the Carmichael Student Center. The deli will offer made-to-order sandwiches featuring a wide selection of fresh sliced meats and cheeses, and freshly baked breads in a study friendly space.

All dining venues, including The Commons, accept "K-Cash" flex dollars, from either of two accounts: General Declining Balance or Food Restricted. The Food Restricted Account allows students to purchase food items with no added sales tax, a savings of 6%. Details about the K-Cash program and the Food Restricted plans can be found on the Culinary Services website, www.kennessaw.edu/dining . To purchase meal plans, manage your account, check your meal plan balance, or add money to your KSU ID, visit the online K-Cash Manager at *https://kcashmanager.kennesaw.edu*.

Culinary Services also oversees the on-campus operations of the contracted catering vendors that serve KSU. A current list of all approved catering vendors can be found by visiting *www.kennesaw.edu/dining* , and following the link to Catering.

Center for Health Promotion & Wellness

The Center for Health Promotion and Wellness, a department of the WellStar College of Health and Human Services, encourages students and employees to assume more responsibility for their health and well-being through awareness and education. Our pri-

mary goal is to enhance and provide a balance in the intellectual, emotional, physical, social, environmental, and spiritual development of the whole person. We also strive to provide an environment that supports positive health practices. Programming focuses on helping students and employees reduce lifestyle risk factors. The Center also serves as a learning center for future exercise and health science students.

The Center for Health Promotion and Wellness, located in room 131 of the Student Recreation and Wellness Center, promotes wellness through a variety of avenues including:

- Special events: Learn-over-Lunches, health fairs, guest speakers, health screenings, CPR classes, eating disorders awareness week, and national collegiate alcohol awareness week.
- Wellness Works, KSU Employee Fitness Center: Open to KSU employees and their family members. The Center is located at the KSU Center, Suite 475 and offers the following for a small monthly fee: monthly newsletters, aerobic equipment, free weights, weight machines, and group fitness classes. These classes include Boot Camp, Pilates, Step Aerobics, Jazzercise, Cycling, and Cardio-Kickboxing. To join or for more information, please call 770-423-6770 or visit *www.kennesaw.edu/wellness*.
- Peer Health Education: Peer Health Educators (PHEs) are student volunteers who are trained and certified in developing, implementing, and evaluating fun, interactive wellness programs for fellow students. Peer Health Educators help make the campus healthier, safer, and more enjoyable. To request a PHE for your group or organization, visit *www.kennesaw.edu/wellness* .
- Nutrition Services: Students can meet with a registered and licensed dietitian for an assessment of their current eating habits, challenges, lifestyle, medical conditions, and overall nutritional needs. They will receive expert advice for losing weight, gaining weight, managing an eating disorder, controlling health conditions such as diabetes and high blood pressure, and much more!
- Health Assessments: Check your current level of health by having your blood pressure, heart rate, , body mass index, weight, and height checked.
- Fitness Assessments: How is your fitness level? We offer MicroFit computerized fitness evaluations for cardiovascular endurance, body composition, muscular strength, and flexibility. The evaluation also assesses blood pressure, heart rate, body mass index (BMI), weight, and height. Track your progress with pre- and post-test comparisons.
- Educational Materials: The Wellness Resource Center contains videos, books, magazines, journals, newsletters, and brochures on a variety of health and wellness topics. The Center also has computer programs where you can analyze your diet, assess your stress level, look up prescription drug information, and get healthy cooking tips and recipes. Hours are M-Th. 9-6, Fri. 9-5 and Saturdays by appointment only. For more information call 770423-6394 or visit *www.kennesaw.edu/wellness*.

Kennesaw State University Student Health Services

The KSU Student Health Services serves students of Kennesaw State University by encouraging health promotion, disease treatment and prevention. Certified nurse practitioners and physicians provide services including a full range of primary care services, adult immunizations, travel health, women's health, psychiatric services, laboratory testing, and acute and chronic illness care. Medical information is confidential and will not be released without the patient's written consent except as required by law or in event of an immediate life-threatening medical condition. Health Clinic charges are billed to the student's Owl Express account.

The Health Clinics are located at:

- Walk-in Clinic: Ground floor of University Village
- Appointment Clinic: House #52 on Campus Loop Road

The Health Clinics are closed on scheduled school holidays and hours are limited during semester breaks.

Kennesaw State University, does not assume responsibility for the overall health and physical well-being of its students. The university does assume, however, a reasonable degree of responsibility for the safety and welfare of its student body by encouraging students to participate in a nominally priced accident and sickness insurance plan and maintaining adequately equipped first-aid stations at strategic locations on campus.

If an individual becomes seriously ill or involved in an accident requiring medical attention, the KSU police should be contacted by dialing ext. 6666. There are police officers, who are trained in C.P.R. and State-certified First Responders, on duty during all normal office and class hours. Comprehensive medical facilities are reasonably accessible to the campus. If it becomes necessary to seek medical attention beyond minor first-aid treatment, the following steps will be taken:

1. If the student is conscious and alert and wants an ambulance to be called, the attending officer will comply with the request;
2. If the student is unconscious, he/she will be treated and transported to the hospital by ambulance. The attending officer will call the ambulance at the individual's expense to transport him/her to the nearest emergency room;
3. In the case of injury to students participating in sanctioned intercollegiate athletic activities, the university will assume responsibility for the expense of the ambulance;
4. Every reasonable effort will be made to contact parents, spouse or next of kin to inform them of the situation.

No student with a contagious disease may attend classes. Every student is held individually responsible for adhering to this regulation. Any student who needs special consideration because of any physical disability—either permanent or temporary—should have the attending physician write an explanatory letter to the vice president for student success and enrollment services giving full details of the disability and any desired limitations or special considerations requested.

KSU Card Services Center

The Card Services Center at KSU issues the official university ID, parking permits, and keys. In addition, they manage the KSU Debit Card Program and the KSU Mall. Almost all services require an in-person visit to the office in Suite 207 of the Carmichael Student Center. The Card Center hours of operation are posted online at the Card Services website, but please contact the department if you need service outside this time frame. Please visit, call (770.499.3436) or email the Card Services Center (idservices@kennesaw.edu) for details on any of these programs. Information is also available on the Card Services website at *http://www.kennesaw.edu/idservices/*.

First time services to students and em ployees are free (e.g. IDs and parking permits). Replacement services are subject to fees. Please be prepared to present a valid U.S. government-issued document that includes a photo (e.g. driver's license or passport) for identity verification.

Identification Cards

All enrolled students at Kennesaw State University are required to carry an official KSU Identification Card. The Card Services Center produces this card on campus in Suite 207 of the Carmichael Student Center. The KSU ID card is honored across campus: for photo identification; in security applications; for access to events, activities and resources; and for selected retail services. Card applicants must agree to an un-obstructed facial photo. All students must be prepared to present their KSU ID Card to University officials upon request. Please visit our website for more information.

KSU Debit Card

KSU has partnered with HigherOne, an Internet bank to distribute refunds through the KSU Debit Card Program. The KSU Debit Card program gives students the opportunity to receive funds electronically either through direct deposit to a checking/debit account with HigherOne or by ACH to a third-party bank. Students may still opt for a paper check but are encouraged to instead choose electronic distribution to receive their funds quicker. Students are not required to open an account with HigherOne but must use the card provided to setup their refund option.

Parking Permits

All vehicles on campus must display a valid KSU Parking Hangtag or Decal. Vehicles without a valid hangtag or decal will be ticketed and/or booted. New students and employees must pickup their parking permits in-person. New permits are issued annually only to campus residential students. All other parking permits are valid for the duration of your official status with KSU. One day passes are available at the Welcome Center as appropriate. Parking permits must be picked up in person at the Card Services Center. It is the responsibility of all KSU employees and students to review and abide by the Kennesaw State University Parking Policies and Procedures available online at *http://www.kennesaw.edu/parking* .

KSU Mall

Printing and making copies at Kennesaw State University is very easy. Once you receive your KSU ID card at the Card Services Center, you. can add cash to your account at any of the K-Cash machines located around campus This will allow you to use your card to make copies or to print jobs from any of the computer labs. Just follow the instructions on any K-Cash device found on campus. They are located in the following locations:

- ITS Computer Lab Area – 4th floor Burruss Building
- Kennesaw Hall – 2nd floor Education Wing
- Library lobby, directly across from the circulation desk
- Science Building – 1st floor vending area
- Carmichael Student Center – 2nd floor hallway
- The Commons – main entrance area
- Social Sciences - 3rd floor hallway

You can also add money to your account via the K-Cash Manager website by using your KSU NetID and PWD to log in to: *https://kcashmanager.kennesaw.edu* . This site will also let you review recent transactions and temporarily disable your card should you misplace it. Parents can add value via this interface as well. All they need to know is your NetID. If you choose to give them your password they will have access to all the other features of the site as well.

To make a copy, just swipe your ID card through the device attached to the copier. Follow the instructions on the swipe device and the system will determine whether you have sufficient funds for the job that is submitted. Be sure to press clear "CLR" when your job is complete so that someone else doesn't end up using your account.

To print, you can send jobs using our new online print facility at *https://webprint.kennesaw.edu*, from the various labs around campus, or from the Cyber Café located in the Student Center Food Court. Most labs have printers inside or just outside the lab. Detailed instructions on how to use the print function are posted in the Labs you use for your classes. If you don't have your ID card with you, simply purchase a Guest Card at any of the K-Cash machines. Guest Cards work just like your ID card for printing or copying.

Call 678-797-2200 or extension 2200 from a campus phone to ask questions about these services or when you encounter any problems.

Additional information may be found on the KSU web site at *http://www.kennesaw.edu/copyprint/*.

Intercollegiate Athletics

Initiated in the fall of 1982, KSU's intercollegiate sports program is a member of the Atlantic Sun Conference (A-Sun) and Division I of the National Collegiate Athletic Association (NCAA). The A-Sun's membership includes: Belmont, East Tennessee, Florida Gulf Coast, Jacksonville, KSU, Lipscomb, Mercer, North Florida, Stetson and USC Upstate. The Fighting Owls currently sponsor seven sports for men (baseball, basketball, cross-country, golf, indoor track, outdoor track and tennis) and nine for women (basketball, cross-country, golf, soccer, softball, tennis, indoor track, outdoor track and volleyball). Cheer, dance, and the pep band perform at various athletic functions throughout the year, including men's and women's home basketball games. Students with a valid ID receive free admission to all KSU home contests and are encouraged to support the Owls.

Sports Clubs

Club Sports at Kennesaw State University are designed to provide opportunities for students of the university community to participate in a variety of sports and recreational activities. Club Sports are organized and conducted by students under the direction of the Campus Intramural and Recreation Services Department. A Club Sport must be active and approved through the Club Sports office. Each club is formed by individuals with a common interest in a sport or activity that exists to promote and develop interest in that particular activity. Clubs may be instructional, recreational, competitive, or some combination thereof. Characterized by being student-initiated and student-managed, the basic structure of clubs allow members numerous opportunities for leadership and decision-making. The actual success and strength of each club is dependent on effective leadership of the officers and the degree of involvement of its club members.

Kennesaw State University currently has the following clubs: Cricket, Cycling, Ice Hockey, Roller Hockey, Men's and Women's Lacrosse, Rugby, Men's Soccer, Ultimate Frisbee, Wakeboarding, and Wrestling. New Clubs are regularly added based on current student interest and desire to facilitate the process. All participants in the Club Sport teams must be KSU students and maintain a MINIMUM 2.0 GPA and be in good academic standing. Club Sports offer students the opportunity to meet new people, stay fit, be involved at KSU and build life long friendships.

KSU Club Sports compete against other local and regional team that might include UGA, GT, Emory, Duke, Clemson, Alabama, Mercer, Auburn, Georgia Southern, UT and many more road trips. Get involved! College is what you make of it!

The club's participants must meet any financial obligations, including insurance and playing expenses.

Please visit *www.ksuclubsports.com* to get additional information or contacts for individual teams.

Kennesaw State University Alumni Association (KSUAA)

Chartered in 1978, the Kennesaw State University Alumni Association, Inc. is a nonprofit, educational corporation. The association places particular emphasis on and concentrates the majority of its energies and resources toward providing programs and services for alumni, fostering institutional pride, developing and enhancing KSU's public image and meeting needs by raising and administering funds for educational purposes at Kennesaw State University. The affairs of the association are guided by a 19-member board of directors including a seven-member executive committee. Each director serves for a term of two years.

Kennesaw State University employs a full-time staff, including a director, to support the association and direct Alumni Affairs' programs and activities. The Association and Office are responsible for all outreach to KSU alumni, i.e. anyone who successfully matriculated through one semester at KSU or one of its predecessors (Kennesaw State College, Kennesaw College, or Kennesaw Junior College). In order to receive the full range of benefits and access to resources, alumni must financially support the Alumni Association on an annual basis. Consistent annual donors to the Association are designated as Active Alumni.

Student Activities & Budget Advisory Committee

The Student Activities & Budget Advisory Committee (SABAC) serves as an advisory group to university administration concerning student activity funds. It also approves applications for new campus organizations as well as updates to constitutions for existing organizations.

Membership of SABAC includes representatives of the administration, staff, faculty and students. Student members are appointed annually by the president of the Student Government Association. The chair is elected from the student membership. Students are invited to apply for appointment to this committee. For more information contact the Student Life Center at 770-423-6280.

During the Fall Semester, SABAC meets regularly from 3:30 p.m. to 5:30 p.m. on dates specified by the Vice President for Student Success. During the Spring Semester, regular meetings and budget review meetings will be held from 3:30 p.m. to 5:30 p.m. on dates specified by the Vice President for Student Success. Meetings are open to the public. All SABAC decisions shall be made in public/open meetings and recorded in the minutes.

Statement of Student Rights and Responsibilities

Preface

Students of Kennesaw State University are guaranteed all of the due process rights and privileges associated with their matriculation in a higher education institution in the university system of Georgia.. In addition, they are entitled to an environment that is conducive to learning and individual growth. To this end, students enrolling at Kennesaw State University assume a responsibility to abide by the policies and regulations expressed in this Statement of Student Rights and Responsibilities. By doing so, students may fulfill their responsibilities and enjoy the exercise of their own rights while also respecting the rights of others.

Interpersonal Relations and Non-Discrimination Position Statements and Policies

Kennesaw State University, a member of the University System of Georgia, does not discriminate on the basis of race, color, religion, age, sex, national origin, disability, or sexual orientation in employment or provision of services.

Intellectual Diversity and Interpersonal Relations Position Statement

Kennesaw State University is an educational community comprised of individuals from different ethnic, racial and religious groups and of different genders, political beliefs, ages, abilities and sexual orientations. In light of this diversity, Kennesaw State University is resolved to contribute to the development of an integrated, pluralistic society in which individuals model and support humaneness and respect for the individual.

Kennesaw State University is committed to a diversity of intellectual viewpoints. We trust in a genuine free marketplace of ideas where faculty and students are encouraged to express their considered opinions openly. We further believe that this intellectual exchange is healthy, democratic, and produces new insights. The exchange of ideas is also a splendid means of encouraging "critical thinking" as long as it is conducted within an atmosphere that respects the dignity of all concerned.

The University is also committed to providing quality education, which is enhanced by the perspectives provided by individuals and groups with varying backgrounds and views. Racism, sexism and other discriminatory attitudes and behaviors impede learning and working. Conversely, respect for differences enhances educational and work experiences. Kennesaw State University is dedicated to creating an environment that cherishes and nourishes this diversity.

KSU Diversity Vision Statement

It is our vision to create a strong multicultural and diverse educational environment at KSU in order to increase student satisfaction and to promote an understanding and awareness of people from various backgrounds upon graduation. In this way, KSU students will be educated for, and can effectively compete in the global society.

Americans with Disabilities Act (ADA)

Kennesaw State University does not discriminate on the basis of disability in the admission or access to, or treatment or employment in, its programs or activities.

The Americans with Disabilities Act (ADA), Public Law 101-336, gives civil rights protections to individuals with disabilities. This statute guarantees equal opportunity for this protected group in the areas of public accommodations, employment, transportation, state and local government services and telecommunications.

Qualified individuals with disabilities are encouraged to apply for employment opportunities with the University. Individuals with disabilities who require reasonable accommodation to participate in any portion of the application, interview and/or testing process must advise the University's Department of Human Resources in advance. Upon request, applicants must provide documentation confirming a disability and the need for an accommodation. Advance requests for reasonable accommodation(s) should be directed to the Director of Human Resources. The office telephone number is (770) 423-6030 V/TDD. The FAX number is (770) 423-6570. The Web address for employment opportunities is *http://www.kennesaw.edu/hr*.

The following individuals have been designated by the President of the University to provide assistance and ensure compliance with the ADA. Should you require assistance or have further questions about the ADA, please contact either the ADA Compliance Officer for Students at (770) 423-6443; the ADA Compliance Officer for Facilities at (770) 423-6224; or the Director of Human Resources, ADA Compliance Officer for staff and faculty at (770) 423-6030.

Kennesaw State University Policy on Accessibility in Facilities, Programs and Employment

Kennesaw State University is committed to providing accessibility in facilities, programs, and employment to all individuals, regardless of disability. Kennesaw State University does not discriminate on the basis of disability in the admission or access to, or treatment or employment in, its programs or activities. As a recipient of federal funds, KSU has maintained compliance with Section 504 of the Rehabilitation Act of 1973 in providing accessibility to programs and services for students with disabilities.

The Americans with Disabilities Act of 1990 (ADA), Public Law 101-336, guarantees equal opportunity for individuals with disabilities in the areas of public accommodations, employment, transportation, state and local government services and telecommunications. The following individuals have been designated by the President of the University to provide assistance and ensure compliance with the ADA. Should you require assistance or have further questions about the ADA, please contact either the ADA Compliance Officer for Students at (770) 423-6443; the ADA Compliance Officer for Facilities at (770) 423-6224; or the Director of Human Resources, ADA Compliance Officer for staff and faculty at (770) 423-6030.

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Accessibility of Facilities, Programs, and Services

Students who require accommodation in facilities, services, programs or activities should contact the Assistant Director for Disabled Student Services to arrange an individual assistance plan. Accommodations may include classroom accessibility, modified computer equipment, handicap parking, assistance with note-taking, sign language interpreting services, class materials in alternate format, library and laboratory assistance, and other accommodations. Determination of appropriate accommodations to be provided will be based upon documentation of the disability. Members of the public who require specific accommodations in facilities, services, programs or activities should contact the office sponsoring the service, program or activity at least five days in advance to arrange individual accommodations.

Visits By Children

The university cannot accommodate children of the faculty, staff, and students on-campus during normal operating hours; i.e., 8:00 a.m. - 10:30 p.m, Monday through Thursday, and 8:00 a.m. - 5:00 p.m., Friday. Children are welcome to attend scheduled events and to make brief visits when accompanied by a parent or other adult.

Acquired Immune Deficiency Syndrome (AIDS) Policy

Kennesaw State University shall provide academic programs, support services, and social /recreational programs to all eligible individuals, regardless of their disability. In the event that an employee or student is (or becomes) HIV (human immunodeficiency virus) positive, that individual shall retain his/her right to these programs, services and activities. All actions taken by Kennesaw State University will comply with the laws pertaining to public health practices and the rights of individuals to privacy and confidentiality. Instances that arise will be handled individually to provide maximum support to any member of the faculty, the administration, the staff or the student body who is HIV positive.

Sexual Harassment

Kennesaw State University follows the established policy on sexual harassment of the Board of Regents of the University System of Georgia. That policy (802-18 in the Regents' Policy Manual) is as follows: Federal law provides that it shall be an unlawful discriminatory practice for any employer, because of the sex of any person, to discharge without cause, to refuse to hire, or otherwise discriminate against any person with respect to any matter directly or indirectly related to employment or academic standing. Harassment of an employee on the basis of sex violates this federal law. Sexual harassment of employees or students in the University System is prohibited and shall subject the offender to dismissal or other sanctions after compliance with procedural due process. Unwelcome sexual advancements, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment. Sexual harassment can occur in situations where one person has power over another, but it can also occur between equals. Both men and women can be sexually harassed, though women are most often victimized. A relationship between a faculty member and a student should be considered one of professional and client in which sexual relationships are inappropriate.

Procedures for Handling Complaints of Sexual Harassment.

Informal Resolution

Early efforts to control a potential harassment situation are very important. Sometimes an individual can stop sexual harassment by telling the person directly that he/she is uncomfortable with the person's behavior and would like it to stop. Writing a letter to the person can also be effective.

Formal Complaints and Grievances

Formal complaints of sexual harassment by students against faculty or staff will be resolved according to established grievance procedures (see Grievance Procedures for Students- Grievance Procedure for Discrimination, Harassment, and Retaliation in this catalog). Sexual harassment is a form of sexual discrimination. A formal complaint of sexual harassment by one student against another student will be resolved through the Student Conduct and Academic Integrity (SCAI) Department (contact the Director of SCAI at 770-499-3403).

President's Statement on Sexual Harassment

"The mission of Kennesaw State University is to provide a learning environment in which all members of the University community are free to pursue their professional and personal goals. Sexual harassment is not only illegal, but an intolerable interference with the attainment of our mutual goals. Unwelcome sexual advances and conduct seriously damage the learning and work climate, and it is the University's intention to protect our environment from such abuses. Resolution of complaints of sexually harassing behavior should be attained as informally as possible, but in the absence of that cooperation, we will enforce our policies to the fullest, up to and including dismissal."

KSU Freedom of Assembly and Expression

Kennesaw State University recognizes and upholds First Amendment Rights of Freedom of Speech and Assembly. Demonstrations and assemblies can be valid expressions for dissenting opinions provided they do not disrupt academic and administrative functions of the institution. The opinions expressed by organizations, groups or individuals using Kennesaw State University's facilities do not necessarily reflect the position of Kennesaw State University. Kennesaw State University affirms its commitment to the freedom of speech, assembly and expression even though the language or ideas of those seeking a venue for free expression may contradict university ideals and policies or the personal views of university employees and students. The institution expects members of the faculty, staff, and student body to refrain from, and discourage, behaviors that threaten the rights, freedoms and respect every individual deserves.

Administrative procedures and guidelines pertaining to Freedom of Assembly and Expression are detailed in the KSU Student Handbook.

Rights Pertaining to Student Records

Confidentiality of Education Records

Education Records at Kennesaw State University are defined as any portion of the educational history of a student that is maintained by the University for the purpose of sharing by other academic officials and is intended to support the academic degree progress of the student. Typical examples are the academic files maintained in a department or university administrative office. These records include: files, documents and materials in multiple mediums (handwritten, tape, disks, microfilm, CD-ROM, etc.) which contain information directly related to the academic educational efforts of the student. Academic records do not include law enforcement unit records, medical records (vis-a-vis doctor patient privilege), alumni records, or human resource records.

Sole Possession Records are defined as records (notes maintained by a faculty member) that are not shared with any other educational office. Notes maintained in a sole possession record are not subject to the guidelines of FERPA. Sole Possession records that are merged with the academic record require full disclosure per FERPA guidelines.
Third Party Disclosures are prohibited by FERPA without the written consent of the student. Any persons other than the student are defined as Third Party, including parents, spouses, and employers. All educational officials are required to secure written permission prior to the release of any academic record information.

Directory Information will be withheld if requested by the student. To withhold directory information, the student must complete the Release of Directory Information form and

mail the request to the Office of the Registrar, 1000 Chastain Rd, MB #0116, Kennesaw, Georgia, 30144, or hand-deliver the request to the Office of the Registrar located in Kennesaw Hall or fax the request to 770-423-6541. The items below are designated as "Directory Information" at Kennesaw State University and may be released for any purpose at the discretion of Kennesaw State University;

- Name
- Address
- Telephone Number
- Major
- Advisor
- Dates of Attendance
- Degrees Awarded
- Participation in Recognized Activities and Sports
- Weight and Height of Athletic Participants

Students should consider very carefully the consequences of any decision to withhold "Directory Information." Choosing the item "Student Confidentiality" will result in the exclusion of all student record information, including student name/address from printed materials. Informing Kennesaw State University not to release "Directory Information" means any future requests for such information from non-institutional persons or organizations will be refused.

Notification of Rights under FERPA for Postsecondary Institutions

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

The right to inspect and review the student's education records within 45 days of the day the University receives a request for access. A student should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent. The University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the University. Upon request, the University also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

Types of Educational Records and Officials Responsible for Their Maintenance

The following are lists of student records and the officials responsible for their maintenance. Access to these records will be made available to students upon individual written requests. Such requests must be addressed to the official responsible for the maintenance of the record.

Director of Admissions

Application for Admission
Application Processing Fee
High School, College, and University Transcripts
University Entrance Exam SAT or ACT Scores
General Equivalency Development (GED) Examination Scores
GRE and GMAT Examination Test Scores
International Admission Documents, TOEFL

Director of Student Financial Aid

Loan Processing Request
Financial Aid Application
Award Notification

Chair of University Studies

University Placement Examination Scores (Placement and Exit)
International Regents' Test

Registrar

University Level Examination Program Scores
Grades and Academic Standing Status
Petition for a Degree
Regents' Test Results and Tracking
Georgia and U.S. History and Constitution Test Results
Registration Information—Enrollment Data
Veterans' Records
Rules and Regulations

Director of Student Success Services (formerly CAPS)

Individual Standardized Tests
Georgia and U.S. History & Constitution Test Results
CLEP Tests
ISAT Tests
COMPASS Exam

Vice President for Student Success

Letters of Recommendation

Director of Student Conduct and Academic Integrity

Discipline Files

Health Clinic

Health Insurance Brochures

Student Code of Conduct

I. Preamble

It is the purpose of the institution to provide a campus environment which encourages academic accomplishment, personal growth, and a spirit of understanding and cooperation. Students of Kennesaw State University are guaranteed all of the due process rights and privileges associated with their matriculation in a higher education institution in the university system of Georgia. In addition, they are entitled to an environment that is conducive to learning and individual growth. To this end, students enrolling at Kennesaw State University assume a responsibility to abide by the University's student conduct regulations, just as they assume an individual's responsibility to abide by federal, state and local laws.

Violation of statutory laws, or of the University student conduct regulations, or specific departmental rules may lead to disciplinary action(s) by Kennesaw State University. Students who are accused of a Code of Conduct violation will have an opportunity to be heard before a decision is made about their responsibility for a violation. Nevertheless, when a student fails to appear for a hearing/disciplinary meeting after notice of the hearing has been sent to that student's KSU email address, the hearing officer or panel may make a decision without that student's input or explanation. The hearing officer or panel will base its decision on all other information and evidence presented, and may find the student responsible if a preponderance of the evidence indicates responsibility for the violation(s). Students who are found responsi-

ble for a violation of the KSU student conduct regulations may be subject to sanctions up to and including dismissal from the institution.

University disciplinary proceedings may be instituted against a student charged with a violation of a law which is also a violation of this Student Code of Conduct without regard to the pendency of civil litigation in court or criminal arrest and prosecution. Proceedings under this Student Code of Conduct may be carried out prior to, simultaneously with, or following civil or criminal proceedings off-campus.

By adhering to these policies and regulations students can fulfill their responsibilities and enjoy the exercise of their own rights while also respecting the rights of others.

II. Academic Honesty

The high quality of education at Kennesaw State University is reflected in the credits and degrees its students earn. The protection of high standards of academic integrity is crucial since the validity and equity of the University's grades and degrees depend upon it. Any student found to have violated any KSU academic honesty regulation after a hearing before a university hearing panel or before a hearing officer shall be suspended for at least one semester, unless the student persuades the deciding body or hearing officer that the circumstances of his or her behavior substantially mitigate the gravity of the violation. These regulations are designed to assist students in (1) developing appropriate attitudes about, and (2) understanding and following the university's standards relating to academic honesty. The regulations protect students by helping them avoid committing infractions that may compromise the completion of their KSU degrees or damage their reputations.

A. Plagiarism and Cheating

No student shall receive, attempt to receive, knowingly give or attempt to give unauthorized assistance in the preparation of any work required to be submitted for credit (including examinations, laboratory reports, essays, themes, term papers, etc.). Unless specifically authorized, the presence and/or use of electronic devices during an examination, quiz, or other class assignment is considered cheating. Engaging in any behavior which a professor prohibits as academic misconduct in the syllabus or in class discussion is cheating.

When direct quotations are used, they should be indicated, and when the ideas, theories, data, figures, graphs, programs, electronic based information or illustrations of someone other than the student are incorporated into a paper or used in a project, they should be duly acknowledged. No student may submit the same, or substantially the same, paper or other assignment for credit in more than one class without the prior permission of the current professor(s).

B. Unauthorized Access to Official University Materials

No student shall take or attempt to take, steal or in any unauthorized manner otherwise procure, gain access to, alter or destroy any material pertaining to the conduct of a class (including tests, examinations, grade change forms, grade rolls, roll books, laboratory equipment, University grade records in written or computerized form, etc.).

C. Misrepresentation, Falsification of University Records or Academic Work

No student shall knowingly provide false information in completing University forms or applications (including admissions forms, scholarship applications, time sheets, use of false or counterfeit transcripts, etc.) or in any work submitted for credit.

D. Malicious Removal, Retention, or Destruction of Library Materials

No student shall misplace, take, destroy or attempt to misplace, take or destroy any item or part of an item belonging to or in the protection of the University library with the intention of bringing about an undue disadvantage in the classroom work of other Kennesaw State University students.

E. Malicious/Intentional Misuse of Computer Facilities and/or Services

The malicious or intentional misuse of computer facilities and services is prohibited. Violation of state and federal laws (including copyright violations, unauthorized access to systems, alteration/damage/destruction, or attempted alteration/damage/destruction, use for profit, etc.) or a department's rules for computer usage (including account violations, damage, or destruction of the system and/or its performance, unauthorized copying of electronic information, use of threatening or obscene language, etc.) is prohibited.

F. Student Identification Cards

1. Lending, selling, or otherwise transferring a student identification card is prohibited, as is the use of an identification card by anyone other than its original owner.
2. No student shall obtain under false pretenses any additional student identification cards.
3. A student must present proper credentials to properly identified university faculty and staff upon their request while these persons are in the performance of their duties.

G. Revisions of Academic Honesty Regulations

Any student, faculty member or administrator can propose any revision of, additions to and deletions from these Academic Honesty Conduct Regulations. Recommendations shall be submitted to the Vice President for Student Success. The Vice President, in consultation with appropriate parties, shall ensure discussion on the proposed change. When all parties have had an opportunity to comment on the proposal, the Vice President shall forward all recommendations to the University Council. The Council, in turn, shall send its recommendations with comments to the Kennesaw State University President and cabinet.

III. Disruption of Campus Life

It is the purpose of the institution to provide a campus environment which encourages academic accomplishment, personal growth, and a spirit of understanding and cooperation. An important part of maintaining such an environment is the commitment to protect the health and safety of every member of the campus community. In order to promote these goals, students should be familiar with and abide by the rules against disruption of campus life.

A. Disorderly Assembly

No students shall assemble on the campus for the purpose of creating a riot, or destructive or disorderly diversion, or obstructing or disrupting the normal operation of the university, including any teaching, administrative, disciplinary or public service activity, or any other activity authorized to take place on the campus.

B. Disruptive and Dangerous Conduct

No student shall act in a manner that can reasonably be expected to disturb the academic pursuits of others or infringe upon the privacy, rights, or privileges of others, or the health or safety of him/herself or other persons.

C. Disruptive Speech

That speech is prohibited which: a) presents an immediate or imminent clear and present danger or b) is disruptive to the academic functioning of the institution.

D. Physical Attack

Physical attack on or in University property or at functions sponsored by the University or any registered University organization is prohibited.

E. Harassment/Bullying/Intimidation

No student shall harass, bully, or intimidate another person in any manner or by any method, including, but not limited to, harassment, bullying, or intimidation done by electronic device, sometimes called "cyberbullying." Harassment, bullying, or intimidation is the placing of another person in reasonable fear of his or her personal safety through words or actions directed at that person, or a course of conduct that a reasonable person would consider so severe and pervasive as to interfere with the working, learning, or living environment of another.

F. Sexual Harassment

No student shall subject another person to unwelcome sexual overtures or conduct, either verbal or physical.

G. Sexual Misconduct

Sexual misconduct is prohibited. Sexual misconduct includes, but is not limited to:

- Non-consensual sexual contact including, but not limited to, intentional and/or forcible touching or groping. Consent cannot be given when a person is incapacitated.
- Non-consensual sexual intercourse including, but not limited to, anal, oral, or vaginal penetration, however slight. Consent cannot be given when a person is incapacitated.
- Sexually related offenses including, but not limited to, obscene behavior, stalking, and/or exposure.

H. Theft of or Damage to Property
No student shall take, sell or attempt to take or sell, damage or destroy any items belonging to others without proper authorization. Nor shall any student make or attempt to make unauthorized use of the property of any other person or organization. Sale of a textbook or other item that is not one's own will be regarded as prima facie evidence of theft. Items should be turned in to a lost and found area.

I. Possession of Weapons or Fireworks
Students are prohibited from possessing fireworks, firearms or other weapons on University property or at University sponsored events, except with the specific permission of the Department of Campus Safety and Security, or except as allowed in limited circumstances by Georgia law.

J. Unauthorized Entry or Use of University Facilities
No student shall make or attempt to make unauthorized entry or use of any University building or facility including electronic data processing systems or personal electronic accounts/files. Upon appropriate notice by University officials, authorization for the use of University facilities can be withdrawn or otherwise restricted. The malicious or intentional misuse of computer facilities and services is prohibited. Violations of state and federal laws (including copyright violations, unauthorized access or systems, alteration/damage/destruction, or attempted alteration/damage/destruction, use for profit, etc.) or a department's rules for computer usage (including account violations, damage or destruction of the system and/or its performance, unauthorized copying of electronic information, use of threatening of obscene language, etc.) are prohibited.

K. Fire Safety and False Alarms
- No student shall tamper with fire safety equipment.
- No student shall set or cause to be set any unauthorized fire in or on University property.
- No student shall make, or cause to be made, a false fire alarm or a false notification of the presence of a bomb.
- All occupants of a building must leave the building when the fire alarm sounds or when directed to leave by properly identified University faculty or staff while these persons are in the performance of their duties.

L. Littering and Sanitation
- No student shall dispose of trash and refuse of any kind except in proper trash receptacles.
- Food and drink are prohibited in designated areas of the University.
- No student shall in any way dispose of tobacco products except in receptacles properly designated for them in or on University property.

M. Kennesaw State University is a Smoke-Free Environment.
Smoking is prohibited on the KSU campus except in areas specifically designated for smoking.

N. Gambling is Strictly Prohibited, but raffles may be held by student organizations. Raffles will be treated as any other fund-raising activity and will be subject to fund-raising guidelines.

O. Advertising, Selling, and Fundraising
No student or group of students acting in a representational capacity for Kennesaw State University shall carry out any form of sales (including bartering) or fundraising events, or advertise sales or fundraising events, without the authorization of the University President or a designated representative of the University President.

P. Campus Elections
No student shall carry out fraudulent and/or disruptive activity in connection with any election, referendum or poll conducted on the University campus.

Q. Shared Responsibility
Persons who knowingly act in concert to violate University regulations ma
y be given joint responsibility for such violation. Students are responsible for their conduct on or in University property or at functions sponsored by the University or any registered University organization.

R. Failure to Comply
Failure to comply with directions of a University official or law enforcement officer acting in performance of his or her duties and/or failure to identify oneself to such a person when requested to do so is a violation of this Student Code of Conduct.

S. Failure to Complete Sanctions
Failure to complete all sanctions imposed under this Student Code of Conduct by the stated deadline(s) is a violation and may result in additional conduct charges and/or a hold on registration until the sanctions are completed.

T. Hazing
Hazing in any form is prohibited. Hazing is defined as follows: Any action taken, or situation intentionally created, on or off the premises of the University, to produce mental or physical discomfort, embarrassment, harassment, ridicule or suffering as a means to gain entry into an organization. These activities include, but are not necessarily restricted to, paddling in any form; creating excessive fatigue; physical or psychological shocks; engaging in public stunts and buffoonery; morally degrading or humiliating games and activities; and/or any other activities not consistent with the regulations of Kennesaw State University. The express or implied willingness of the victim(s) is not a defense.

U. Residential Code of Conduct
I. Alcohol
Students who are of legal drinking age (21) may possess and consume alcoholic beverages in designated communities, but only as a private activity in private living areas (i.e., room and/or apartment). Students are legally responsible for their actions in all mental and physical conditions including those induced by alcoholic beverages. Kennesaw State University also prohibits:

1. The use or possession of alcohol by anyone under the legal drinking age of 21;
2. Providing alcohol to a person under age 21 is prohibited;
3. The transport and/or consumption of alcohol in open containers in any public area including any property that surrounds an apartment and is considered housing property;
4. The manufacture or selling of alcohol;
5. Failure to abide by the institution's policy on student organization use of alcohol;
6. Public intoxication;
7. Common containers of alcohol (kegs, party balls, trash cans, funnels, beer hats, etc.) are not permitted. Beverages must be used in individual containers;
8. Any game or activity (especially those competitive in nature) contributing to the overindulgence of alcohol is prohibited regardless of the age of the participants;
9. Guests and/or visitors consuming or possessing alcohol in the room/apt/surrounding area of a host (resident) under the age of 21;
10. Alcohol not being clearly consumed by those 21-years of age or older in a room shared by students over and under 21 years of age;
11. The use or possession of alcohol by any resident or guest, regardless of age, in a substance-free community;
12. Being present where an alcohol violation is occurring, regardless of whether the resident/guest is using or possessing alcohol;
13. Alcohol paraphernalia is prohibited in substance free communities and residential units of underage residents. For health and safety reasons, empty alcohol containers are not permitted to be used for decorative purposes within the residential facilities.

II. Drugs
Kennesaw State University prohibits:

1. Selling, possessing or using any substance currently classified as a dangerous drug by the Georgia Controlled Substance Act or classified as illegal by state or federal law;
2. Possession of drugs that may be used to incapacitate other Individuals;
3. Possession and/or use of drug paraphernalia, including but not limited to any form of bong or smoking device, such as a hookah, even if not used or used for tobacco products;
4. Being present where a drug-related violation is occurring, regardless of whether the resident/guest is using or possessing drugs.

III. Weapons
Kennesaw State University and Housing regulations prohibit the use or possession of any weapon that can cause bodily harm either to the bearer or another individual. In unclear cases of definition, the context in which a particular object was used will determine whether it is a weapon. Items that can be easily confused as weapons, including but not limited to pellet, BB, paintball, or air guns, are prohibited.

IV. Pets/Animals
The University does not permit students to have pets/animals in or around the residential communities. This includes pets belonging to outside guests; pets/animals may not "visit" at any time. The only exceptions are: 1. Fish in a properly maintained aquarium not to exceed 10 gallons; and 2. Service animals determined to be necessary for persons with disabilities.

V. Smoking
Smoking and the use of tobacco products is prohibited inside all residential facilities. A resident may smoke on a private balcony (only available at University Place) if agreed upon by all residents of the apartment. Smoking is prohibited on all common area balconies and stairwells. Students may only smoke outside in designated smoking areas around the residential communities.

VI. Cooperation
Residents and guests are expected to cooperate with all reasonable requests made by members of the community, both on-campus and in the surrounding neighborhood.

Likewise, residents must comply with all reasonable requests of any person acting in an official capacity as a representative of the university, including, but not limited to, Residence Life staff (including RAs), campus police, faculty, and property management staff. Cooperation includes, but is not limited to, participating in required residential activities (i.e., mandatory meetings, judicial hearings, learning communities, rules, payment of rent/fees, etc.). Cooperation also includes compliance with all rules and regulations established by KSU Residence Life and/or KSU Housing not included within this code of conduct but distributed through other printed and electronic means (housing contract, newsletters, etc.).

VII. General Safety and Well-Being
Residents are expected to take responsibility for the overall general safety and well-being of themselves individually and the residential community as a collective. Engaging in any behavior that impedes the general safety and/or well-being of self and/or others is prohibited. This may include, but is not limited to; causing physical or psychological harm to oneself and/or others; creating an unsafe environment by leaving doors unsecured, particularly common use doors; failing to notify the appropriate authorities when knowledge exists of a situation that may impede the general safety and/or well-being of individuals and/or the community. General safety also includes maintaining your living environment and your own person in accordance with reasonable health, cleanliness, and safety expectations.

VIII. Fire Safety
Tampering with, vandalizing or misusing fire safety equipment is prohibited and constitutes reasons for eviction from the apartments and possible suspension or expulsion from the University. Fire safety equipment includes, but is not limited to, alarms, extinguishers, smoke detectors, door closures, alarmed doors, and sprinklers. Failure to evacuate during a safety drill will result in disciplinary action. Items that are flammable such as fuel, etc., may not be stored in a resident's room or apartment. Items that require an open flame to operate or which produce heat (i.e., Bunsen burners, lit candles, alcohol burners, grills) are not allowed in resident's rooms. Residents must further agree to abide by the safety regulations as stipulated in the Housing Safety Regulations (located in this handbook).

IX. Noise
All students are expected to respect the rights of others by refraining from making loud noises or causing other disturbances that interfere with study or sleep.

- All residents are expected to respect 24-hour courtesy hours. If a student makes a reasonable request of another student to be less noisy, that student should comply. No noise should be heard outside of a student room;

- Quiet Hours will apply to noise regulation in the public areas of the residential communities. Quiet Hour adjustments may be voted on by the Community Councils. Until this occurs, residence-wide quiet hours will be in effect. Quiet Hours are 10pm until 10am Sunday through Thursday and 12am to 10am Friday and Saturday;
- During exam periods, quiet hours will be extended to 24 hours. This regulation also applies to areas surrounding the residential communities, and public areas; and
- In the event that a group makes a disturbance (e.g., game playing, watching TV, or yelling loudly), staff may request violators to leave immediately.

X. Guests and Visitation

Residents may allow guests (those of the same or opposite sex) to visit their room/apartments with agreement from the other residents in their room/apartment. Guests are defined as any person not assigned to live in that specific space (even if the person is a resident of another on-campus space). Community Councils and roommates may develop rules that are supplementary to but not in conflict with the established guidelines. In order to facilitate safety and privacy, the following are prohibited:

- Use of the bedroom or bathroom of another resident without his or her prior consent;
- Guests (including other KSU students) staying in a resident's room more than three nights within any seven night period, staying in a resident's room on a frequent basis, or cohabitating in any room/apartment;
- Proceeding or allowing guests to proceed through the residential facilitie unescorted;
- Students are expected to accompany their guests at all times and accept responsibility for their behavior. At no time should any resident provide entrance to their room to someone who is not their guest, or provide access to a guest who is unaccompanied by the resident (e.g., lending/copying a key or access card).
- While hosts are held responsible for the actions of their guests, legal action will also be taken against a guest for violating campus policies, including but not limited to, criminal trespass, or prosecution. Guest must park in designated visitor spaces only, and hosts may lose parking privileges if guests park illegally.
- Minors who are not enrolled KSU students must be escorted by a parent/guardian in addition to the host resident at all times. These minors may not visit overnight without advance permission from the Director of Residence Life or designee.
- General occupancy, as recommended by management and the fire marshal, is two persons per bedroom (i.e., a four person apartment equals a total occupancy of eight people at any given time). Residents are expected to comply with occupancy guidelines. Visitation privileges may be revoked for individuals or groups who violate the visitation policies.

XI. Collective Liability/Damage and Vandalism

Residents are responsible for the condition of their rooms and any shared spaces. While the University and KSU Housing will strive to attribute damage and vandalism charges to the individuals responsible, when it cannot do so, all members of an apartment or building may be charged equally for any damages. Affected residents should provide information to housing staff to assign these charges to the individual(s) responsible. Damage, vandalism, theft, inappropriate use of facilities, and/or use of facilities/furnishings in a manner other than that for which they were intended, are prohibited. There are no appeals of a Collective Liability charge.

XII. Enforcement and Grievances

Any complaints or grievances should be directed to the respective residence hall staff member. Residents have the right to file charges directly against another student through the appropriate Residence Life staff member. If the staff member cannot rectify the situation, then the matter shall be referred through the appropriate channels, and ultimately submitted for action or consultations to the SCAI Department. SCAI shall handle all matters arising from this code as any non-academic violation. Grievances against Residence Life staff members shall be submitted in writing to the Director of Residence Life.

XIII. Modifications and Revisions
Any modifications or revisions to these codes of conduct shall be submitted to the Kennesaw State University Residence Hall Association (RHA). After discussion, the RHA shall forward its recommendations to the Director of Residence Life. Upon his/her approval, the Director of Residence Life shall forward the approved recommendations to the Director of SCAI, and Vice President for Student Success or designee.

XIV. Warnings and Documented Incidents
As circumstances warrant, authorized Residence Life and/or SCAI staff may issue warnings to students for behaviors of concern, and violations of housing rules and regulations, even if such behaviors do not constitute a violation of this code. These warnings and/or documented incidents will be recorded within the student's judiciary file.

XV. Solicitation, Posting, and Use of Residential Space
For the residents' protection against fraudulent sales and annoyance, solicitation is prohibited on university property. Periodically special programs are offered where residents can learn about products and services. Residents are prohibited from engaging in business activities on campus and in housing. All activities, research, and postings within the residential areas must be approved in advance by the Director of Residence Life or designee, even if the activities/postings are sponsored by recognized university departments or organizations.

NOTE: Residents are expected to abide by local, state, and federal law and the KSU Code of Conduct, available at *www.kennesaw.edu/scai*. Students are afforded appropriate due process, including notification of violations and judicial meetings. Notice forms distributed at the time of violation (typically by RAs) serve as official notice of judicial action and require a response, typically contacting an AC or RD by the next business day. ACs and RDs adjudicate most violations and their actions are final. More serious and repeat violations are typically adjudicated by Student Conduct and Academic Integrity (SCAI). Email is the official mode of communication for KSU; therefore, all students are expected to check their KSU student email account regularly.

While sanctions vary depending on circumstances and severity of specific violations, KSU reserves the right to impose a "two strike" approach and recommend removal from housing upon a second repetitive violation, except drug violations that result in immediate removal.

IV. Financial Responsibility-Use of Student Activities Funds

To use student activities funds, student organizations must follow guidelines set by the institution.

V. Use and Possession of Drugs, Including Alcohol

Use and/or possession of drugs (controlled substances) are prohibited.

- Kennesaw State University expressly prohibits the use, possession, sale or distribution of alcoholic beverages on campus by any campus constituency. Student activity funds or institutional funds may not be used for the purchase of alcoholic beverages. Kennesaw State University is committed to recognizing, upholding and enforcing the laws of the State of Georgia. Violation of those state laws shall not be condoned on the campus or at any activity held off campus by any constituency. Exceptions to the policy of no alcohol on campus may from time to time be permitted at the discretion of the president, and there are other limited exceptions to this policy within the residence halls by those over the age of 21. See section 1 of the residential code of conduct.
- All student organizations must submit an "Acknowledgment of Alcohol Policy" form to the Student Life Department each fall semester and each time there is a change in either the president or advisor of the organization. By their signatures, the president and advisor are assuring Kennesaw State University that they and the individuals responsible for the group's social events understand the Kennesaw State University Alcohol Policy and state laws regarding the service and consumption of alcoholic beverages.

- Alcoholic beverages will be allowed only for functions at which alcohol is not the focal point, reason for, or the "drawing card" for the event. Organizations choosing to advertise the service of alcoholic beverages at functions will not make reference to the quantity of or overindulgence in alcoholic beverages. Reference will also be made to serving of food and alternative beverages, and the checking of driver's licenses.
- Any activity (especially those competitive in nature) contributing to the overindulgence of alcohol is, by these guidelines, prohibited.
- Any violation of this policy at any organization activity shall be reported to the Student Life Department by the designated monitor(s), generally the faculty or staff advisor, verbally within 24 hours of returning to campus and followed by a written report within three working days. The Student Life Department will send the report to the Student Conduct and Academic Integrity (SCAI) Department for possible disciplinary action. The Kennesaw State University Police shall report any violation of this policy, whether at an activity or on an individual basis, to the Dean of Student Success, who shall then be responsible for referring the matter to SCAI for possible disciplinary action according to established University non-academic disciplinary procedures. Possible sanctions shall be the same as those for other violations of nonacademic University rules and regulations as provided for in the University Student Code of Conduct.

VI. Jurisdiction of the University Code of Conduct

Generally, KSU's jurisdiction and discipline shall be limited to conduct which occurs on University premises, University housing, and contiguous areas such as streets and sidewalks. Nevertheless, the University reserves the right to extend its jurisdiction and discipline to KSU students whose off-campus conduct violates the University's Student Code of Conduct and adversely affects the KSU community or the pursuit of its objectives. In addition, the following regulations apply to off-campus activities including outings or field trips for classes of Kennesaw State University, off-campus University athletic events, study abroad programs, co-ops, internships, or any officially sanctioned off-campus activity such as those under the auspices of a Kennesaw State University class, an officially recognized University organization, or a Kennesaw State University group or organization that is seeking official University recognition.

- Students involved in off-campus activities shall not act in a disorderly or disruptive fashion, nor shall they conduct any dangerous activity.
- Students involved in off-campus activities shall not take, damage or destroy or attempt to take, damage or destroy property of another.
- Use and possession of drugs, including alcohol: Use and/or possession of drugs (controlled substances) is prohibited. Alcohol regulations appear in Section V of this code.

VII. Organizations

A student organization is subject to the authority of the University hearing panel or hearing officer in the following situations:

- An alleged offense was committed by one or more members of an organization, and was sanctioned by the officers.
- An alleged offense was committed by one or more members of an organization and organization funds were used to finance the venture.
- An alleged offense was committed by one or more members of an organization and was supported by a majority of the organization's membership.
- An organization has chosen to protect one or more individual offenders who were members or guests of the organization.
- The hearing panel or hearing officer, after hearing the case, deems that the offense, by its nature, was an organization offense and not the action(s) of the individual members.
- An alleged offense occurred as a result of an organization sponsored function.

A. Disorderly or Disruptive Assembly

Assembly for the purpose of or resulting in the disruption of normal University or community activity, or which obstructs the normal activities of University faculty or staff, is prohibited.

B. Use of Alcohol or Other Drugs
Use and/or possession of drugs (controlled substances) is prohibited. Alcohol regulations appear in Section V of this code.

C. Hazing
Hazing in any form is prohibited. Hazing is defined as follows: Any action taken, or situation intentionally created, on or off the premises of the university, to produce mental or physical discomfort, embarrassment, harassment, ridicule or suffering as a means to gain entry into an organization. These activities include, but are not necessarily restricted to, paddling in any form; creating excessive fatigue; physical or psychological shocks; engaging in public stunts and buffoonery; morally degrading or humiliating games and activities; and/or any other activities not consistent with the regulations of Kennesaw State University. The express or implied willingness of the victim(s) is not a defense.

D. Theft and Disregard for Property
- Unauthorized taking of, attempted taking of, damage to or attempted damage to, or possession of items belonging to an individual, the University, the community, or another university or student organization is prohibited.
- Unauthorized use or attempted use of service (e.g., telephone, computer services, etc.) belonging to the University, the community, another student organization, or an individual is prohibited.

E. Unauthorized Entry
Unauthorized entry, attempted entry, or use of University or community facilities is prohibited.

F. Fire Safety
Use of fireworks or creation of a fire without the specific permission of the KSU Police is prohibited.

G. Academic Honesty
Maintaining files of examinations, tests, reports, or term papers is prohibited.

H. Official Recognition
All student groups and organizations shall follow the appropriate procedures, as set forward by the Office of the Vice President for Student Success (or designee), to become officially recognized Kennesaw State University student organizations.

I. Gambling is Strictly Prohibited, but raffles may be held by student organizations. Raffles will be treated as any other fund-raising activity and will be subject to fund-raising guidelines.

J. Sales, Fundraising and Advertising
Unauthorized selling of any kind (including bartering), unauthorized fundraising, and unauthorized advertising of fundraising or any other type of event is prohibited. Organizations shall follow the guidelines set down by the Office of the Vice President for Student Success (or designee) for all such activities.

K. Proper Planning
Organizations shall be able to demonstrate that they have taken due measures to properly plan for any activities or events held on or off the University campus.
- All such events and activities must be registered with and approved by the Office of the Vice President for Student Success (or designee) for approval at least two weeks prior to holding the event.
- Reasonable measures shall be taken to ensure appropriate parking, security, safety and sanitary procedures for any activity or event.
- Organizations shall adhere to specified time limits for any activity or event.
- Holding events or activities not sanctioned or approved by the Office of the Vice President for Student Success (or designee) is prohibited.

L. Shared Responsibility
Student organizations are responsible at all times for organizational violations of the University Student Code of Conduct regulations by their members or their guests. Organization members who knowingly act in concert to violate the regulations may be held jointly responsible with their organization for such violations. Organizations that knowingly condone, encourage, or require behavior that violates University regulations may be held jointly responsible for such violations.

VIII. Contempt and False Statements Under Oath

- All students shall fully comply with the instructions of the hearing panels and hearing officers of the Kennesaw State University SCAI Department.
- No student shall make a false statement while under oath in a University disciplinary hearing.
- No student shall disrupt the proceedings of the Kennesaw State University SCAI Department hearing, behave in a manner which is intended to lessen the authority or dignity of the Kennesaw State SCAI Department, or otherwise obstruct justice on the campus.
- All students are expected to serve as witnesses when summoned by the Kennesaw State University SCAI Department unless excused by the Vice President of Student Success.

IX. Revisions of the KSU Code of Conduct excluding those pertaining to Academic Honesty

Any student, faculty member, or administrator can propose any revisions, additions, or deletions from the Student Code of Conduct regulations. Recommendations shall be submitted to the acting student government association president. The SGA president shall ensure discussion on the proposed change in the student government association. When the SGA has decided on an official recommendation to comment on the proposal, the SGA president shall forward all recommendations with comments to the Vice President for Student Success no later than 90 days from the date of the initial proposal. In the event that 90 days should expire without a recommendation being given to the Vice President for Student Success, the proposal shall be passed directly to the Vice President's office for consideration and deliberation. The SGA president, upon delivering the recommendation to the Vice President's office, shall also forward copies to the director of student conduct and academic integrity and the chair of the university council for information purposes only. The Vice President shall either accept or reject the student government's recommendations. If the recommendation is accepted, the Vice President shall distribute the recommendation with comments to the University President and Cabinet.

X. Disciplinary Measures

A. For students

- Expulsion: permanent severance of one's relationship with the University.
- Probated expulsion: further convictions of major offenses, as specified by the University hearing panel or hearing officer, shall result in expulsion.
- Suspension: temporary severance of one's relationship with the University.
- Probated suspension: notice to the student that further convictions of major offenses, as specified by the University hearing panel or hearing officer, shall result in suspension.
- Disciplinary probation: notice to the student that any further major disciplinary violation may result in suspension; this action might also include one or more of the following: the setting of restrictions on social activities, the issuing of a reprimand, and restitution.
- Restrictions: exclusion from enjoying or participating in social activities or from holding office in University organizations.
- Reprimand: Oral reprimand: an oral disapproval issued to the student. Written reprimand: a written disapproval issued to the student.
- Restitution: reimbursement for damage or misappropriation of property; this may take the form of appropriate service or other compensation.
- Community service: assignment to work a specific number of hours at a community service agency.
- Other educational or developmental remedies: imposed by the University hearing panel or any hearing officer.
- Retraction of University degree or course credit previously awarded: The University may retract a degree or course credit previously awarded if the University Hearing panel or hearing officer recommends this sanction and both the Provost/VPAA and Registrar accept the recommendation.

B. For Student Organizations

- Includes disciplinary sanctions 7, 8, 9 and 10 listed above.
- Restriction of social or other activities sponsored by the organization.
- Suspension of the organization's registration with Student Life.
- Probated suspension of the organization's registration with Student Life.
- Revocation of the organization's registration with Student Life.
- Probated revocation of the organization's registration with Student Life.

C. Academic Dishonesty

Any accused student found to have violated KSU regulations concerning academic honesty by an SCAI hearing before a University hearing panel or before a hearing officer, shall be suspended for at least one semester unless he or she has convinced the hearing body or hearing officer that there exist substantial mitigating circumstances to his or her offense. The appropriate grade to be assigned in the case of academic dishonesty is the responsibility of the faculty.

D. Interim Suspension

Interim suspension measures may be employed against a student by the Vice President for Student Success, or his or her designated representative, when he or she shall determine, based on clear and convincing evidence, that the student has engaged, or threatens to engage, in behavior which:

- is seriously disruptive or significantly impedes the normal activities or academic endeavors of others, or
- poses an immediate significant threat of physical danger to others, or
- poses an immediate significant threat of danger to him/herself, and such threat is of such a serious nature that it must be handled more expeditiously than the University student conduct procedures allow.

For interim suspension purposes, the designated representative of the Vice President for Student Success may be the Dean of Student Success, the Director of Student Success Services, or the Director of Residence Life. Interim suspension may include any or all of the following:

- restriction from participation in any academic course, program, or activity;
- restriction from participation in any student activity on or off campus;
- restriction from use of any or all University facilities;
- restriction from entering the campus or any designated portion thereof.

In such instances, the process outlined for interim suspension in the university SCAI Department procedures shall be followed.

Handling Student Code of Conduct Violations at KSU

Kennesaw State University's Student Code of Conduct, SCAI Procedures, suspension policies, and campus police are organized in ways to preserve and protect the health, safety and academic integrity of the campus community, as noted in the following policies and procedures. In general, the University SCAI handles all charges against students which involve alleged violations of the Kennesaw State University Student Code of Conduct, including allegations of academic misconduct and disruptive behavior. In addition, the KSU police may become involved with incidents of disruptive behavior.

Faculty, staff and/or students who are witnesses to or victims of incidents of alleged violations of the Student Code of Conduct should immediately contact the University Student Conduct and Academic Integrity (SCAI) Department and submit the proper documentation. A university SCAI officer will conduct a preliminary investigation and advise as to the appropriate course of action in each situation. Incidents of misconduct may be subjected to mediation, or negotiation, if appropriate, prior to the formal hearing process.

A person bringing charges against a student for alleged violations of the Code of Conduct is expected to fully cooperate with the SCAI policies and procedures, which includes participation in investigations related to the charges and in the hearing process. If a university panel hearing date is set, both the accuser and the accused student will have the option of obtaining an advisor from the SCAI panel to assist in the preparation and presentation of their case. A detailed description of the hearing process is found at the SCAI misconduct procedures Web site, *http://www.kennesaw.edu/scai/misconduct_procedures.shtml*.

I. Academic Misconduct

Academic misconduct is defined in Section II of the Kennesaw State University Student Code of Conduct. Procedures for addressing and reporting incidents of academic misconduct can be found on the SCAI webpage at *http://www.kennesaw.edu/scai* , as well as the Faculty/Staff Guide to Addressing Student Conduct Issues. The University's policies include procedures for both handling informal resolutions of academic misconduct, and filing formal charges with the Student Conduct and Academic Integrity (SCAI) Department which will result in a hearing.

In either situation, whether the matter is handled informally or forwarded to the SCAI for handling, the faculty member should document the incident on an Academic Misconduct Incident Report form, and forward this information to the university SCAI Department. Incident reports which are submitted to the SCAI will by kept confidential in accordance with the Family Educational Rights and Privacy Act.

Under the informal procedure, a faculty member who has evidence that a student has committed academic misconduct may elect to resolve the issue within the confines of the class, if the student readily admits to the misconduct, without coercion or intimidation. The faculty member must first meet with the student to explain and discuss the allegations of misconduct. If the student admits the misconduct, and declines an SCAI hearing, the faculty member may assign an appropriate sanction. Informal sanctions may include additional academic work for the class, grade reduction, a grade of "F" on the assignment or in the course, etc.

However, if the student denies the misconduct, or the student and faculty member cannot reach an informal agreement regarding an appropriate penalty, the misconduct should be reported to the SCAI for a hearing. Academic misconduct, as determined by an SCAI hearing, carries a mandatory minimum suspension of one semester, unless substantial mitigating circumstances are proven.

II. Disruptive Behavior

It is the purpose of the University to provide a campus environment which encourages academic accomplishment, personal growth, and a spirit of understanding and cooperation. An important part of maintaining such an environment is the commitment to protect the health and safety of every member of the campus community. Students who are found in violation of the Code of Conduct may be subject to immediate dismissal from the University. In addition, those violations, which may constitute misdemeanor or felony violations of state or federal law, may also be subject to criminal action beyond the University disciplinary process.

Disruptive behavior includes, but is not limited to the following conduct (See the KSU Student Code of Conduct in the Kennesaw State University Handbook and Planner or the code of conduct on the SCAI Web site, *http://www.kennesaw.edu/scai/code_of_conduct.shtml* for additional categories of unacceptable student conduct):

- **Disorderly Assembly:** No student shall assemble on the campus for the purpose of creating a riot, or destructive or disorderly diversion, or obstructing or disrupting the normal operation of the University, including any teaching, administrative, disciplinary, or public service activity, or any other activity authorized to take place on the campus.
- **Disruptive and/or Dangerous Conduct:** No student shall act in a manner which can reasonably be expected to disturb the academic pursuits of others or infringe upon the privacy, rights or privileges of others, or the health or safety of him/herself or other persons.
- **Disruptive Speech:** That speech is prohibited which: a) presents an immediate or imminent clear and present danger or b) is disruptive to the academic functioning of the institution.
- **Physical Attack:** Physical attack on or in University property or at functions sponsored by the University or any registered university organization, is at any time prohibited.
- **Harassment/Bullying/Intimidation:** No student shall harass, bully, or intimidate another person in any manner or by any method, including, but not limited to, harassment, bullying, or intimidation done by electronic device, sometimes called "cyberbullying." Harassment, bullying, or intimidation is the placing of another person in rea-

sonable fear of his or her personal safety through words or actions directed at that person, or a course of conduct that a reasonable person would consider so severe and pervasive as to interfere with the working, learning, or living environment of another.

A faculty member is responsible for maintaining discipline in the classroom setting, to the extent that all students in that class have an opportunity to participate in the learning process. Free exchange of ideas through appropriate dialogue is a necessary and important part of the learning process. Outside the classroom, other areas of the campus provide support services which are also important to the total learning process. Sometimes a faculty or staff member may be confronted with a situation where the conduct of a particular student or students is inappropriate in that it impedes the natural and necessary learning process. The faculty or staff member must then determine whether the situation is disruptive but not imminently dangerous, or both disruptive and imminently dangerous to the health and safety of others. If the situation is not imminently dangerous, the faculty or staff member may control the immediate situation by requiring the student(s) to meet specific criteria (not speaking during the remainder of the class period, leaving the classroom or office area immediately, etc.), or the faculty member may choose to dismiss the class for the remainder of the period to avoid a confrontation. Such action should be immediately reported to the department chair and to the SCAI Department using the Student Misconduct Incident Report Form: *http://www.kennesaw.edu/scai/docs/general_misconduct_form.doc.*

If the faculty or staff member feels that there is a significant imminent danger to the health and safety of the student(s), others, or him/herself, the faculty or staff member should immediately contact the University's Public Safety office for assistance. The responding officer at the time of notification shall remove the student from the area immediately and refer the incident to the vice president for student success, or his/her designated representative, for possible handling under the "interim suspension" policy. Interim suspension measures may be taken against a student when the vice president for student success or his/her designated representative shall determine, based on clear and convincing evidence, that the student has engaged, or threatens to engage, in behavior which (1) is seriously disruptive or significantly impedes the normal activities or academic endeavors of others, (2) poses an immediate, significant threat of physical danger to others, (3) poses an immediate, significant threat of danger to him/herself, and is of such a serious nature that it must be handled more expeditiously than the university student conduct procedures allow.

Interim suspension may include any or all of the following: (1) restriction from participating in any academic course, program, or activity; (2) restriction from participation in any student activity on or off campus; (3) restriction from use of any or all university facilities, including the library, labs, or offices; (4) restriction from entering the campus or any designated portion thereof.

Supplemental Program Specific Recourse

Some degree programs, such as those in education or nursing, have program-level admission and retention standards and review procedures in place beyond the generally applicable institutional admission and retention policies. If disruptive student behavior occurs in the context of fulfilling program requirements in such areas, the faculty or staff member may also have the recourse of filing a complaint with the designated program-level official and proceeding through the due process procedures established for handling such complaints. Individuals should consult the dean of the college and/or published standards as to the applicability of such program-specific recourse to the incident or incidents in question.

Resources

- Director of the Student Conduct and Academic Integrity (SCAI) Department - (770) 499-3403.
- Vice President for Student Success - (770) 423-6310.
- Director of University Police - (770) 423-6206.
- Dean of Student Success-(770) 423-6310

- The KSU Student Code of Conduct
- The University SCAI webpage (which includes all rules, policies and procedures related to the Student Conduct and Academic Integrity) at *http://www.kennesaw.edu/scai/*

III. Sexual Assault

Victims should report instances of alleged sexual assault to either the KSU Department of Public Safety (770) 423-6666 or the Student Success Office (770) 423-6310.

The victim of a sexual assault should take care to preserve any evidence that may be necessary to prove that the assault occurred. Victims are advised to consult law enforcement authorities before showering/bathing, or changing or laundering any clothing that was worn during the assault. However, the fact that the victim of a sexual assault has already bathed, showered, or otherwise compromised potential evidence should in no way dissuade the victim from reporting the assault, as such actions may not prevent prosecution or conduct proceedings from going forward.

Students who report sexual assaults to the KSU Department of Public Safety or the vice president for student success shall be afforded assistance in seeking counseling and follow-up medical care, making changes to their academic situations and reporting to the appropriate criminal authorities after an assault has occurred.

Kennesaw State University recognizes and upholds the rights of victims of sexual assault, including:

- The right to have any and all sexual assaults against them treated with seriousness; the right, as victims, to be treated with dignity; and the right for campus organizations which assist victims to be accorded recognition.
- The right to have sexual assaults investigated and adjudicated by the duly constituted criminal and civil authorities of the governmental entity in which the crimes occurred; and the right to the full and prompt cooperation and assistance of campus personnel in notifying the proper authorities. The foregoing shall be in addition to any campus disciplinary proceedings.
- The right to be free from any kind of pressure from campus personnel that victims (1) not report crimes committed against them to civil and criminal authorities or to campus law enforcement and disciplinary officials; or (2) report crimes as lesser offenses than the victims perceive them to be.
- The right to be free from any kind of suggestion that campus sexual assault victims not report, or under report, crimes because:
- The victims are somehow responsible for the commission of crimes against them;
- Victims were contributively negligent or assumed the risk of being assaulted; or
- By reporting crimes they would incur unwanted personal publicity.
- The same right to advisement and assistance, or ability to have others present, in any campus disciplinary proceeding that the institution permits the accused; and the right to be notified of the outcome of such proceeding.
- The right to full and prompt cooperation from campus personnel in obtaining, securing, and maintaining evidence (including a medical examination) as may be necessary to the proof of criminal sexual assault in subsequent legal proceedings.
- The right to be made aware of, and assisted in exercising any options, as provided by state and federal laws or regulations with regard to mandatory testing of sexual assault suspects for communicable diseases and with regard to notification to victims of the results of such testing.
- The right to counseling from any mental health services previously established by the institution, or by other victim-service entities, or by victims themselves.
- After campus sexual assaults have been reported, the victims of such crimes shall have the right to require that campus personnel take the necessary steps or actions reasonably feasible to prevent any unnecessary or unwanted contact or proximity with alleged assailant(s), including transfer of classes if requested by the victims.

Note: Kennesaw State University is concerned with your safety. We publish two

campus safety publications: Safe and Sound and Sexual Assault: Myths and Reality. They contain such information as campus crime statistics and campus safety policies. These publications are available at the Department of Public Safety, upon request. You may also request a campus security report regarding crime statistics from this office.

IV. Parental Notification Policy: Drug and Alcohol Violations

Sections 951 and 952 of the 1998 Higher Education Amendment established that institutions of higher education could notify the parents or legal guardians when their student under the age of 21 was found to be in violation of the school's disciplinary code for drugs and alcohol. Kennesaw State University strives to create a balance between honoring the personal growth and responsibility of its students as they learn to establish their own independence with that of providing parents with the sensitive information they need to know in order to advise their students effectively. Parental notification is done only when the university believes that it will help the student by providing support for their physical health and safety, academic success and/or personal development. Parents of students under the age of 21 may be notified when a student is determined to have violated the KSU Student Code of Conduct in regard to alcohol or other controlled substances. Circumstances leading to possible parental notification include, but are not limited to, the following:

- A student endangers him/herself or others while under the influence of alcohol or other controlled substances (i.e., this may include alcohol poisoning, hospitalization, fighting or on-campus DUI);
- Student who committed the violation required medical intervention or transport as a result of consumption of alcohol or a controlled substance;
- The occurrence of an arrest (i.e., this might include minor possession of alcohol or other drugs, possession with intent to distribute/supply or the manufacturing or cultivation of drugs or alcohol);
- The occurrence of significant property damage;
- The occurrence of a major disruption to the university's educational mission;
- When an administrator determines that any future violation of the alcohol/drug policy will likely result in the student's suspension;
- When an administrator determines that any future violation of the alcohol/drug policy will likely result in the student's removal from university housing;
- The violation suggests a pattern of alcohol or controlled substance abuse.
- In order to allow the student to have the first opportunity to notify his/her parent(s) or legal guardian(s) of the alcohol/drug violation, students will be afforded two business days after the determination of a rule infraction before the university will attempt to issue a notification to the parent(s) or legal guardian(s). Notification will be coordinated through the Office of the Dean of Student Success. Written notification will detail the fact that the student has been found responsible for an alcohol or other drug offense. Written notice will not include specific details of the offense(s) for which the student is found responsible, the circumstances surrounding the offense(s), or the specific disposition of the case. The notification will include a listing of campus/community services that are available to address the student's alcohol or drug situation.

Parents/guardians interested in gaining more information about the violation or disposition of the case are encouraged to discuss the case with their student or request that the student sign a written consent to have this information revealed to his/her parents. Questions or concerns regarding these guidelines should be directed to Kennesaw State SCAI Department, Student Center Suite 253, 770-499-3403.

Environmental Health and Safety

KSU Position Statement on Environmental Awareness

Kennesaw State University endeavors to encourage in each student, faculty, staff member, and the community, a respect for the worth of the environment and a desire and capacity to recycle, to conserve energy and to take other measures to help conserve limited resources. This institution focuses on developing an environmental ethic that promotes excellence, responsibility and stewardship in environmental affairs and is committed to educating the community about environmental issues.

KSU Mission Statement on Occupational Health and Safety

It is the goal of Kennesaw State University to protect employees and property of KSU and to provide safe work places. To this end, the Department of Environmental Health & Safety of Kennesaw State University will ensure compliance with local, state, and applicable federal codes, provide technical assistance, conduct routine facility audits and empower the employees of KSU through training in hazard recognition and accident prevention.

KSU is a Restricted Smoking Campus

Smoking is prohibited on KSU campus except in areas specifically designated for smoking.

Drug and Alcohol Policy

I. Introduction

National statistics reveal that the leading causes of death among the 18-23 year-old population are alcohol-related accidents, alcohol-related homicides, and alcohol-related suicides. A high percentage of campus disorderly conduct, disruptive behavior and property destruction, and academic failures on a national level is alcohol-related. The abuse of alcohol and other drugs can alter behavior, distort perception, impair thinking, and impede judgment. Alcohol and drug abuse might also result in various diseases, illnesses, and even death. The Georgia legislature, in response to these disturbing facts, has provided by law certain measures to reduce those dangers associated with alcohol abuse. These measures include statutory provisions which provide that no person below the age of 21 years may use, purchase, or possess alcoholic beverages. The law also prohibits serving alcoholic beverages to any intoxicated person. These considerations, among other things, are equally applicable to the use and abuse of illicit drugs. In response, federal and state laws regarding the manufacture, use and distribution of illicit drugs have been enacted and are applicable to all full-time, part-time, and temporary faculty, staff, students, and administrators. The University supports and endorses these provisions of federal and state laws and insists on strict compliance with these statutes by its students, staff, faculty, and administrators at all levels.

II. Alcohol Policy

Kennesaw State University expressly prohibits the use, possession, sale, or distribution of alcoholic beverages on campus by any campus constituency. Alcoholic beverages may be served at off-campus activities to adults of legal drinking age for the state in which the activity is being held, providing that a responsible club or organization representative acknowledges responsibility for monitoring alcohol consumption. Student Activity funds or institutional funds may not be used for the purchase of alcoholic beverages. Kennesaw State University is committed to recognizing, upholding, and enforcing the laws of the state of Georgia. Violation of those state laws, incorporated into the Kennesaw State University Alcohol Policy shall not be condoned on the campus or at any activity held off campus by any constituency. Exceptions to the policy of no alcohol on campus may from time to time be permitted at the discretion of the president, and there are other limited exceptions to this policy within the residence halls by those aged twenty-one or older who do not reside in substance-free communities. See the Residential Code of Conduct at subsection III R of KSU Student Code of Conduct for more information. *http://www.kennesaw.edu/scai/code_of_conduct.shtml*

Official state regulations regarding the use, sale, or possession of intoxicating beverages are as follows:

> 3-1-2 Defines "alcoholic beverages" to mean all alcohol, distilled spirits, beer, malt beverages, wine, or fortified wine.
> 3-2-36 Provides for criminal process against any person who violates the law in counties and municipalities where the sale

of alcoholic beverages is not authorized or where alcoholic beverages are being sold contrary to law.
3-3-21 Provides that no person knowingly or intentionally may sell or offer to sell any wine or malt beverages within 100 yards of any school building, school grounds, or college campus. Provides further that distilled spirits may not be sold within 200 yards of a school building, educational building, school grounds, or college campus.
3-3-22 States that no alcoholic beverage shall be sold, bartered, exchanged, given, provided, or furnished to any person who is in a state of noticeable intoxication.
3-3-23 Prohibits the furnishing to, purchasing of, or possession of alcoholic beverages by persons under 21 years of age.
3-3-23.1 Provides that any person furnishing or possessing alcoholic beverages in violation of the previous Code Section shall be guilty of a misdemeanor. Establishes procedures for arrest by law enforcement officers.

University student conduct policies and procedures require that all student organizations planning to serve alcohol at any off-campus function must submit an "Acknowledgment of Alcohol Policy" form to the Student Life Department at the beginning of each fall semester and each time there is a change in either the president or advisor of the organization. By their signatures, the president and advisor are assuring Kennesaw State University that they and the individuals responsible for the group's social events understand the Kennesaw State University Alcohol Policy and state laws regarding the service and consumption of alcoholic beverages. Alcoholic beverages will be allowed for functions at which alcohol is not the focal point, reason for, or the "drawing card" for the event. Organizations choosing to advertise the service of alcoholic beverages at functions will not make reference to the quantity of or overindulgence in alcoholic beverages. Reference will also be made to serving of food and alternative beverages, and the checking of drivers' licenses. Any activity (especially those competitive in nature) contributing to the overindulgence of alcohol is, by these guidelines, prohibited. Any violation of this policy at any club or organization activity shall be reported to the Department of Student Life by the designated monitor(s), generally the faculty or staff advisor, verbally within 24 hours of returning to campus and followed by a written report within 3 business days. Student Life will send the report to the Student Conduct and Academic Integrity (SCAI) Department for possible disciplinary action. The Kennesaw State University Department of Public Safety shall report any violation of this policy, whether at an activity or on an individual basis, to the Dean of Student Success within one business day of the occurrence. The Dean of Student Success shall then be responsible for referring the matter to SCAI for possible disciplinary action according to established university nonacademic disciplinary procedures. Possible sanctions shall be the same as those for other violations of nonacademic university rules and regulations as provided for in the university student code of conduct.

III. Drug-Free Workplace and Campus Policy

As a recipient of Federal funds, Kennesaw State University supports and complies with the provisions of the Drug-Free Schools and Communities Act of 1989 and the Drug-Free Workplace Act of 1988. The unlawful possession, manufacture, distribution, dispensation, and/or use of illicit drugs and alcohol by employees or students on the university campus is prohibited and violations of this policy will result in appropriate disciplinary action.

Faculty, staff and students are expected to adhere to the policies of the university and observe the basic standards of good conduct, meet appropriate standards of performance, and observe all local, state and federal laws relative to unlawful use of illicit drugs and alcohol. Penalties for violations of these standards range from warnings and probation to expulsion, loss of academic credit, suspension, temporary or permanent suspension and withdrawal of organization recognition, referral to the legal system for prosecution, demotion, and termination of employment. Detailed sanctions are defined in the Student Handbook (Student Code of Conduct), Board of Regents' Policy Manual, Classified Employee Handbook, Faculty Handbook, and in the complete policy statement available in the Office of the Provost and Vice President for Academic Affairs upon request.

IV. University Sanctions for Violations of the Alcohol and Drug Policy

A. Any faculty, staff member, administrator, or other employee who violates the policy on alcohol and drugs, shall be subject to disciplinary action up to and including the possibility of dismissal and referral to the appropriate federal, state or local authorities for prosecution in the courts.

B. Any student or student organization that violates the policy on alcohol and drugs, shall be subject to disciplinary action in accordance with the Kennesaw State University Student Code of Conduct up to and including educational sanctions, possible loss of on-campus housing, suspension and/or expulsion from the university and referral to the appropriate federal, state, or local authorities for prosecution in the courts. A student organization shall be subject to disciplinary action up to and including educational sanctions, suspension and/or revocation of its registration with Student Life and referral to the appropriate federal, state, or local authorities for prosecution in the courts.

C. When there is an alcohol or drug infraction, in addition to any criminal prosecution or university student code of conduct sanction, a student who is a member of a university athletic team may face additional sanctions based on rules established by the NCAA, athletics department, or team.

V. Drug and Alcohol Education Programs and Assistance Available

A combination of several campus offices will provide assistance or act as a referring agency for Kennesaw State University. Included in the campus efforts to assist those with substance abuse problems are:

The Counseling and Psychological Services (CPS) Center, (770) 423-6600 is located on the second floor of Kennesaw Hall. The Center has eleven professional counselors available to work with students who have mental health problems and issues associated with alcohol and/or drug abuse. At present one CPS counselor is designated as the Substance Abuse Specialist and has been certified in Prime for Life. For counseling matters directly related to AOD abuse and dependence, referrals are made to the Collegiate Recovery Center (CRC) where a counselor is on hand who specializes in addiction education, prevention, and counseling.

Two counselors specializing in Substance Abuse and Addiction co-lead an alcohol and other drug class for students found responsible for first time alcohol and/or other drug related code of conduct violations as mandated by the Department of Student Conduct and Academic Integrity. CPS and the Collegiate Recovery Center also perform in-house evaluations for alcohol and drug abuse and use the SASSI-3 Substance Abuse Subtle Screening Inventory as well for alcohol abuse screening.

CPS and the CRC maintain a listing of referral agencies for off-campus assistance when such assistance is more appropriate. CPS and CRC services are available to all enrolled students. Two counselors currently serve as co-facilitators for the campus AOD Education and Prevention Coalition. This coalition provides many AOD services including writing of AOD campus policies, conducting research and grant writing, assessing environmental issues and establishing AOD educational programs.

The Collegiate Recovery Center is home to four on-campus 12 step meetings per week, an open monthly meeting called Celebration Recovery where students in recovery share their story with others and one weekly AOD process group called SMART recovery. The CRC has developed Alcohol and Other Drug educational workshops that it has presented in multiple cross major settings, it has trained peer educators to present about AOD issues to the incoming freshman class, and it has presented to the Greek Life, Student Athletes and other high-risk populations. Clinical professionals provide education regarding prevention and assist students with referrals for treatment in the community The CRC is located in University College Room 222. The telephone number is 678-797-2538 or email recovery@kennesaw.edu.

The Department of Human Resources, (770) 423-6030, is located in the Campus Services Building. The Drug-Free Workplace coordina-

tor is the Assistant Vice President of Human Resources. Employee Assistance Programs (EAP) relating to drug and alcohol abuse are available for KSU employees (staff and faculty). KSU's EAP is provided by Horizon Health and may be accessed 24 hours a day, toll free, at 1-877-851-1631. Additional information can be found at *http://www.kennesaw.edu/hr/ben_eap.shtml*.

The Wellness Center, (770) 423-6394, is located in the Student Recreation and Wellness Center, Bldg. 3, RM 131. The mission of the Center for Health Promotion and Wellness is to improve the health and well being of students and employees through awareness and education. The Center encourages students and employees to assume more responsibility for their health and well-being. The Center's primary goal is to enhance and provide a balance in the intellectual, emotional, physical, social, environmental, and spiritual development of the whole person. They also strive to provide an environment that is supportive of positive health practices. Programming focuses on helping students and employees reduce lifestyle risk factors. The Wellness Center participates each year in National Collegiate Alcohol Awareness week in October, sponsoring many interactive programs designed to educate students, faculty, and staff to issues associated with alcohol use and abuse. The Center also received Young Adult Program grants from the Georgia Governor's Office of Highway Safety since 2008. This grant is used to promote education and awareness to young adults about safety issues, such as but not limited to, underage drinking, impaired driving, destructive decisions, and other high risk behaviors in order to decrease crashes, injuries, and fatalities in young adult drivers and passengers.

The KSU Health Clinic, (770) 423-6644, is located on Campus Loop Road, House 52, across from University Place Housing on the south part of campus. There is also a satellite office located near the residence halls on the north part of the campus: The Village Walk-In Clinic, Village Suites, building #37. The clinics provide services to all KSU students. Alcohol and drug use and abuse programming is presented in conjunction with the Wellness Center. A query is made regarding alcohol and drug use as part of the student's initial health assessment and is reviewed by medical professionals at the time of student's visit to the clinic. Medical professionals provide education regarding prevention and assist students with referrals for treatment in the community.

The Department of Residence Life, (770) 420-4388, is located in the University Village Suites to better serve the residential population, and in particular the first-year residents. The office is on the terrace level of the 3000 Building of the University Village Suites, Room 3051. It provides AOD education to residential students on a continuing basis throughout the year through programs presented in both small and large group settings. The Department of Public Safety, (770) 423-6206 (non-emergency number), is located in the Public Safety Building #20 near the West Parking Deck. The Department also has established a community policing office, the North Precinct, located in building 6000 of University Village residential housing, adjacent to the North Deck parking area. The KSU police are a co-sponsor of annual National Collegiate Alcohol Awareness week in October and will speak to groups or classes upon request about safety and alcohol and drug awareness issues.

VI. Annual Distribution of KSU Drug and Alcohol Policies Required

The Office of the Dean of Student Success is responsible for ensuring that Kennesaw State University's Drug and Alcohol Policy is distributed annually to each student and employee (faculty and staff).

Policy and Procedures for Voluntary and Involuntary Withdrawal for Medical and/or Psychological Reasons

This policy applies to any student who withdraws from the University for medical or psychological reasons. This policy and procedures are to be used to help transition a student to a safer and/or more conducive environment when remaining at the university is not in the best interests of the student or the university community. This policy encourages a student to withdraw voluntarily when medical conditions or psychological distress make a withdrawal necessary and seeks to ease that transition and potential eventual return to the university. In those times where encouragement to the student to withdraw voluntarily has not been success-

ful, involuntary withdrawal under this policy may be implemented. A Dean of Student Success Hold will be placed on the account of any student who withdraws for medical or psychological reasons.

1. Student-Initiated Withdrawal
Students may voluntarily withdraw from the University for any reason prior to the Deadline to Withdraw Without Academic Penalty. The Dean of Student Success (or designee) may grant a medical withdrawal after the Deadline to Withdraw Without Academic Penalty has passed to students who are able to demonstrate medical or psychological reasons by clear and convincing evidence. Grade appeals for any reason and withdrawals for other forms of hardship (i.e., not related to physical or mental health) are addressed in a separate policy. Except under unusual circumstances, withdrawals for medical or psychological reasons must be made for all courses.

An approved medical or psychological withdrawal will result in a grade of W for all courses and the procedures for tuition and fee reimbursement outlined in the KSU Catalog will be followed. Medical withdrawals will be granted for a specified period and return may be contingent on the satisfaction of certain conditions. A student withdrawal agreement will specify the reasons for and period of withdrawal, detail any conditions necessary for reinstatement, and provide that a hold will be placed on the student's registration status until the student is eligible for reinstatement.

2. University-Initiated Withdrawal
If a student is behaving in a way that is threatening to the student or others, or that significantly interferes with the student's education or the rights of others, the Dean of Student Success (or designee) may initiate these procedures. The Dean of Student Success (or designee) shall determine, on a case by case basis, what is sufficiently threatening and/or disruptive to warrant invoking this procedure.

The first step will be to determine an appropriate initial action. The primary alternatives for initial action are as follows, but these do not preclude other actions based on a specific situation.

- Continue at the university with no restrictions. The university may take no action if it is decided, based on review of the referral information or other information presented, that the student may be allowed to continue with no restrictions. In those cases, care should be taken to provide opportunities for the student to be advised of accommodations and supportive services that are available. In cases where there are conduct actions pending, those actions should go forward.
- Continue in university pending further proceedings. The university may require that the student meet certain conditions regarding the student's behavior over a specified period of time if he/she is to remain enrolled. Such conditions here could include, for example, stopping classroom disruptiveness, or continuing only if the student avails him or herself of supportive services or accommodation arrangements. Failure to comply with the conditions, coupled with further disruptive behavior, may result in having additional conduct complaints added to any that were previously pending or deferred. At no point will the university engage in a behavioral contract or agreement with a student whose behaviors indicate harm or danger to themselves or any member of the community.
- Remaining enrolled at the university subject to conditions but without eligibility to remain in campus housing. Under certain circumstances, where other students' living and learning environment is very likely to be disrupted by a student's behavior, the Director of Residence Life will have the option of allocating alternative and more suitable living accommodations if such are available, or removing a student from campus housing on an interim basis.
- Interim Suspension. If there is sufficient disruptive or threatening behavior, or behaviors that are assaultive, suicidal, self-injurious or self-neglectful which present an imminent risk of injury to the student or others, the student may be suspended.

3. Standard for Interim Suspension
Interim suspension, under the Code of Conduct, may be imposed by the Dean of Student Success (or designee) when necessary to (a) protect the health and safety of a student or of the community, when investigating a conduct violation, (b) to allow time for a behavioral mental health assessment or evaluation, or (c) when a student fails to participate in the process. Interim suspension will be used for periods of time pending a hearing for a Code of Conduct violation or Involuntary Withdrawal.

A. Interim Suspension Review
Students who are suspended on an interim basis may petition the Dean of Student Success (or designee) for a review to show cause why they should not be suspended on an interim basis. This proceeding will be limited to:

- the reliability of the information concerning the student's behavior;
- whether the student's behavior poses a danger of causing substantial, serious harm to the student or others, causing property damage, or directly impeding the lawful activities of others;
- whether the student has completed an evaluation, in accordance with the standards and procedures.

In the event that a student does not or is unable (e.g., incarcerated, hospitalized) to initiate a review, the Dean of Student Success (or designee) will conduct an administrative review of the available evidence within 5 days of the initiation of the suspension. The sole decisions to be made at the review are whether interim medical suspension should be continued or modified, and whether medical withdrawal should remain in consideration.

4. Standard for Involuntary Medical/Psychological Withdrawal
University may withdraw a student if it is determined, by a preponderance of the evidence (that it is more likely than not) that the student is engaging in or threatening to engage in behavior which (a) poses a substantial danger of causing imminent harm to the student, to others or to substantial property rights, or (b) renders the student unable to engage in basic required activities necessary to obtain an education (including, but not limited to, the inability to attend or complete academic courses or coursework; or, when considered with other facts, the inability to attend to the student's own basic, daily hygienic requirements) or (c) substantially impedes the lawful activities of others.

A. Standard for Separating a Student on the Basis of Behaviors Resulting from a Condition of Disability
Students who have self-disclosed and provided documentation to the University of a disability that meets the requirements of KSU and the University System of Georgia are afforded the rights and protections defined in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. A student who is under consideration for involuntary medical/psychological withdrawal may request that the Dean of Student Success (or designee) consider whether the documented disability is a significant factor in the behavior in question. When a student invokes disability status as a mitigating factor, the following considerations will apply:

Behavior that poses or is likely to pose a substantial danger of causing imminent harm to the student or others (i.e., a direct threat) renders the student not otherwise qualified to continue his/her relationship with the University. A student who is not otherwise qualified to attend the University is not entitled to reasonable accommodations as a result of the disability.

a. A direct threat exists when a student poses a significant risk to the health or safety of themselves or others. A significant risk constitutes a high probability of substantial harm.

Significance will be determined by:

- The duration of the risk;
- The nature and severity of the potential harm;
- The likelihood that the potential harm will occur; and
- The imminence of the potential harm.

Determining whether a student poses a direct threat requires an objective and individualized assessment and due process hearing. The assessment shall be based on a reasonable medical or mental health judgment, other relevant objective evidence and the totality of the circumstances. This standard also applies to hearings on the reinstatement of a student who has been withdrawn.

If a student has a disability that has been properly recognized by the University, and the student engaged in behavior that is deemed disruptive but not likely to lead to imminent harm, the University may provide reasonable accommodations in an effort to mediate the effects of the disability on the student's participation in University programs. The Dean of Student Success, in consultation with other professionals on and off campus, will develop an accommodation plan that affords the student a reasonable opportunity to continue at the University while supporting the need to maintain an academic environment that is orderly, civil, and conducive to learning.

If the student continues to cause significant disruption to the University environment even with appropriate accommodations, the student may be subject to involuntary withdrawal proceedings as defined above.

B. Status of Code of Conduct Proceedings
If the student has been accused of a violation of the Conduct Code, but it appears that the student is not capable of understanding the nature or wrongfulness of the action, this medical withdrawal policy may be activated prior to issuance of a determination in the conduct process.

If the student is ordered to be medically withdrawn from the university, or another action is taken under these provisions following a finding that the student's behavior was the result of a lack of capacity, such action terminates the pending conduct action. If the student is found not to be subject to medical withdrawal or other action under this section, conduct proceedings may be resumed.

C. Referral for Assessment or Evaluation
The Dean of Student Success (or designee) or Behavioral Response Team may refer or mandate a student for evaluation by a campus or independent licensed psychiatrist or psychologist (LPC, LCSW, etc.) chosen or approved by the institution if it is believed that the student may meet the criteria set forth in this policy or if a student subject to conduct proceedings provides notification that information concerning a mental/behavioral disorder will be introduced. The referral for evaluation will require the student to provide the results to the appropriate administrators.

Students referred or mandated for evaluation will be so informed in writing with personal and/or delivery via KSU student email, and will be given a copy of these standards and procedures. The evaluation must be completed within 5 business days from the date of the referral letter, unless an extension is granted by the office of the Dean of Student Success (or designee). A student who fails to complete the evaluation in accordance with these standards and procedures, or who fails to provide the evaluative results to the appropriate administrators, may be withdrawn on an interim basis, or referred for conduct action, or both.

5. Involuntary Medical Withdrawal Hearing Procedures
If the medical evaluation or administrative assessment supports the need for medical withdrawal, a hearing will be scheduled before the Dean of Student Success (or designee) who may consult with appropriate medical or mental health professionals (e.g., representatives of the Student Health Center or Counseling & Psychological Services Center). The student will be informed via their KSU student email account, which is the official means of communication between the university and its students. The student will be given at least 2 business days prior to the hearing to independently review the psychological or psychiatric evaluation and any other evidence that will be presented in support of involuntary withdrawal. In addition, the student will be notified of who is expected to present information at the hearing, and is expected to notify the Dean of Student Success (or designee) in advance of any witnesses the student expects to bring. The student is entitled to call medical experts or other expert witnesses, and the university may do so as well. The student may consult with an advisor throughout this process, and the Dean of Student Success (or designee) has the discretion to permit an advisor to be present at the hearing. The role of the advisor is to advise rather than actively represent the student.

If the evaluation does not support medical withdrawal, the Dean of Student Success (or designee) will notify the student within 5 business days. If other action is pending, the appropriate individuals will be notified and will proceed with their actions. The student

and the student's representatives may present information for or against involuntary medical withdrawal and will be given the opportunity to ask questions of others presenting information. The hearing will be conversational and non-adversarial; however the Dean of Student Success or other designated person in charge of the hearing will exercise active control over the proceeding, to include deciding who may present information. Formal rules of evidence will not apply. Anyone who disrupts the hearing may be excluded.
A written decision will be rendered by Dean of Student Success (or designee) within 5 business days, stating the reasons for its determination. The decision will be delivered via their KSU student email account. If the student is withdrawn, the notification will include information concerning when reapplication may be made, as well as specifying any conditions of reinstatement. The decision of the Dean of Student Success, or designee, is subject to appeal to the Vice President for Student Success. A recording of the proceeding will be kept.

6. Appeal
A decision in favor of withdrawal can be appealed within 5 business days of receiving the written decision of withdrawal. The withdrawal takes effect immediately unless otherwise specified. Appeal requests must be in writing and will be delivered to the appeals officer, who is the Vice President for Student Success (or designee).

If the appeals officer determines that one of the three bases for appeal, below, has been met, a review by the appeals officer will be conducted, at the discretion of the appeals officer. This is the final level of review in the matter.

Except as required to explain the basis of new information, appeals are typically limited to review of the record or transcript of the initial hearing and supporting documents. At the discretion of the appeals officer, witnesses may be called, or a rehearing held, for one or more of the following purposes:

- There were procedural errors in the process (a procedure error occurs when there is not substantial compliance with KSU policies and procedures as published on the KSU website);
- Significant new information or evidence becomes available that was not available or known to exist as of the hearing date and that evidence would likely have influenced the original decision;
- There were substantive errors in the decision (a substantive error occurs when there was no evidence to justify a withdrawal decision or other means of supporting the student that may have prevented the need for withdrawal were not adequately considered.)

The Vice President of Student Success (or designee) may support or change a decision and/or modify a withdrawal determination, making changes only if a compelling justification to do so exists. The appeal outcome will be communicated via the student's KSU email account and will typically be issued no more than 5 business days after the appeal is requested.

VII. Reinstatement

A student seeking reinstatement who has been medically withdrawn must petition the Dean of Student Success (or designee) for reinstatement, and may not reenter the university without providing competent medical evidence that:

- the medical/psychological condition no longer exists; or
- the medical/psychological condition is sufficiently under treatment so as to remove any substantial likelihood of reoccurrence of the situation which caused medical withdrawal; and
- the student is no longer a direct threat.

In addition to the information that a student seeking reinstatement submits, the university may require the student to undergo an evaluation by a licensed physician or psychologist (LPC, LCSW, etc.) of the university's choosing. The results of such evaluation must be disclosed to appropriate university personnel.

In addition to any requirements set forth by the University for readmission under this policy, the general readmission policies and procedures of the university will be followed. A medical withdrawal is not considered a conduct action, though a prior medical withdrawal may be considered in subsequent conduct hearings involving the student.

Grievance Procedures for Students
Grievance Procedures for Admissions, Privacy Rights and Other Non-Academic Matters
Within the framework of students' relationships to Kennesaw State University, several avenues exist for the expression of grievance. Provision for hearing appeals by applicants denied admission to the university is outlined in Article VI, Section C, paragraph 2a, of the Bylaws of the Board of Regents. Appeal procedures for grievances related to students' privacy rights are contained in the university catalog (see section on confidentiality of student records). Charges against students and student organizations for violations of the KSU Student Code of Conduct will be handled through the University Judiciary Program. Grievances related to loss of athletic scholarship and other forms of financial aid are heard by the Financial Aid Appeals Committee.

Grievance Procedures for Discrimination and Retaliation
All student grievances or complaints against faculty, staff, or administrators alleging (1) discriminatory practice(s) based on race, religion, color, sex, sexual orientation, handicap, or national origin, or (2) retaliation against the student because of his/her prior report of discrimination or harassment, or because of the student's cooperation in any investigation, shall be addressed in writing to the KSU EEO office in the Division of Legal Affairs with the following caveat. If the student believes that his/her final grade in a course is unfair because of discrimination or retaliation by a faculty member, the complaint shall be addressed as specified under Academic Policies-Grade Appeal Procedures section II (Grade Appeal Procedure When There Is an Allegation of Discrimination or Retaliation). Otherwise, once the EEO office has received a written complaint containing specific allegations of discriminatory practices or retaliatory actions the following process shall take place.

- The EEO officer (or his/her designee) must notify in writing the person(s) whose actions or behavior is/are at issue of the allegation of discrimination and/or retaliation and of the pending investigation as soon as possible, but definitely within one week of receiving the complaint in writing from the student. The person's immediate supervisor should be notified at the same time.
- During the investigation by the EEO office no administrative or legal action or intervention will be taken unless the EEO investigator first consults with and obtains the agreement of the Provost and VPAA (or his/her designee) and the VP for SS (or his/her designee) to the proposed administrative or legal action or intervention.
- If the EEO officer (or his/her designee), after investigation, finds that the student does not have reasonable grounds for complaint he/she shall so notify in writing the student, the person(s) about whom the complaint is made, and that person(s)' immediate supervisor. This investigation and notification will take place within sixty days of the written allegation's receipt by the EEO's office.
- If the EEO officer (or his/her designee), after investigation, finds the student may have reasonable cause for complaint he/she will so notify in writing the student, person(s) about whom the complaint is made, and that person(s)' immediate supervisor. The investigation and notification will take place within sixty days of the written allegation's receipt by the EEO's office. On the same date that written notification is delivered to the parties, the EEO officer (or his/her designee) will contact the chair of the university council. The chair of the council will then be responsible for establishing an ad hoc committee of three (faculty/administrative faculty/staff members) and two students to hear the discrimination complaint and make recommendations. The names and contact information of the five members of the ad hoc committee shall be communicated by the chair of the university council to the EEO officer (or his/her designee).
- Prior to the hearing the EEO officer (or his/her designee) will arrange that the ad hoc committee shall meet and elect a chair from among the five members. The chair will conduct the hearing. The chair may participate in all deliberations, but will not vote except in the case of a tie.
- The hearing committee may draw up its own rules of procedure, and

the committee is not bound by any formal rules of legal proceedings and may hear any information that may be of value in determining the issues involved, but minimum due process shall include the right of both parties to be notified in writing at least ten business days in advance of the date, time, and place of the hearing; the right of the person against whom the complaint has been made to be informed in writing of the specific nature of the complaint against him/her and of the evidence and/or witnesses on which it is based; and the right of both parties to present evidence and witnesses on their behalf and to question witnesses. The EEO officer (or his/her designee) shall act to make certain these due process rights are met. The supervisor of the person about whom the complaint is made will be notified that a hearing has been scheduled. The EEO officer (or his/her designee) will attend the hearing and may present any report created or evidence or information obtained during the EEO office's investigation if requested to do so by either party or by the committee. The EEO officer (or his/her designee) shall retain all records associated with the complaint, his/her investigation, the hearing, the committee's written report, and the president's written decision for such length of time as required by Georgia law.

- Each party has the right to a non-attorney advisor to assist in preparing and presenting his/her case before the committee. Those present during the hearing will be the members of the ad hoc committee, the EEO officer (or his/her designee), the parties to the complaint, one non-attorney advisor for each party, and such witnesses as are necessary. Each witness shall be present only when his/her presence is necessary to present information and/or answer questions. No other persons shall be present unless agreed upon in writing by the chair of the committee, both parties, and the EEO officer (or his/her designee).
- All decisions and recommendations will be based on a majority vote, and be rendered according to the principle of the preponderance of evidence. Only the five members of the ad hoc committee should be present during deliberation except that the EEO officer (or his/her designee) may be present to answer policy questions.
- The hearing committee will be expected to produce a written report summarizing the information presented, indicating and explaining its decision, and making recommendations, if desirable, to any party or parties. Copies of the written report will be submitted to each party in the case (student and person complaint made against), the person's immediate supervisor,, the EEO officer (or his/her designee), the chief legal officer for the university, and the president of the university within five business days from the completion of the hearing. The chair of the hearing committee shall act to make certain the written report is delivered to the proper persons. The opinions and recommendations of the ad hoc committee are advisory and in no way bind the president to the recommended actions.
- After consideration of the ad hoc committee's written report, the president shall make a decision and communicate it in writing within five business days to the student, the party or parties against whom the complaint has been made, the EEO officer (or his/her designee), the chief legal officer of the university, and the immediate supervisor(s) of the employee(s) against whom the complaint has been made.
- Should the aggrieved student remain dissatisfied with the president's decision, further redress may be sought through internal channels by applying to the Board of Regents for a review of the decision, pursuant to the Bylaws of the Board of Regents, Article IX, p. xxvii.

Nothing in this process prohibits the parties from settling this matter at any stage with the assistance of mediation through the Office of the University Ombuds (770-423-6112), if appropriate. However, any attempt to settle

the matter through mediation does not affect time deadlines for this process.

Any student complaints against another KSU student should be addressed to the KSU Department of Student Conduct and Academic Integrity (formerly Office of Judiciary Programs).

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Course Descriptions

Glossary

This section lists undergraduate courses offered by the university and available for credit. Courses are listed in alphabetical order. The subject code for courses and the program offering the courses are listed below:

Accounting ..... ACCT
African & African Diaspora Studies .... AADS
American Studies ..... AMST
Anthropology ..... ANTH
Art ..... ART
Art Education ..... ARED
Art History ..... ARH
Asian Studies ..... ASIA
Astronomy ..... ASTR
Biology ..... BIOL
Biology Education. ..... BED
Biotechnology ..... BTEC
Business Administration ..... BUSA
Business Information Systems Mgt ..... BISM
Business Law ..... BLAW
Chemistry ..... CHEM
Chemistry Education ..... CHED
Chinese ..... CHNS
Communication ..... COM
Computer Science ..... CS
Computer Science/Information Systems ..... CSIS
Criminal Justice ..... CRJU
Dance ..... DANC
Early Childhood Education ..... ECE
Economics ..... ECON
Education ..... EDUC
Education - Middle Grades ..... EDMG
Education - Reading ..... EDRD
Education-Secondary/Middle Grades ..... EDSM
English ..... ENGL
English as a Second Language ..... ESL
English Education ..... ENED
Exceptional Children Education ..... EXC
Film ..... FILM
Finance ..... FIN
Fine Arts Education ..... FAED
Foreign Language ..... FL
Foreign Language Education ..... FLED
French ..... FREN
Gender and Women's Studies ..... GWST
Geography ..... GEOG
German ..... GRMN
Health and Human Services ..... HHS
Health, Physical Ed. & Sport Science .. HPS
History ..... HIST
History Education ..... HIED
Honors ..... HON
Human Services ..... HS

Inclusive Education ..... INED
Information Security and Assurance... ISA
Information Systems..... IS
Information Technology..... IT
Insurance ..... INS
Italian ..... ITAL
Integrated Science ..... ISCI
Interdisciplinary Studies..... IDS
Japanese..... JPN
KSU Seminars ..... KSU
Latin ..... LATN
Leadership Studies..... LDRS
Management ..... MGT
Marketing..... MKTG
Mathematics..... MATH
Mathematics Education..... MAED
Military Science ..... MILS
Music..... MUSI
Applied Music Performance..... MUAP
Music Education..... MUED
Nursing..... NURS
Peace Studies.....PAX
Philosophy ..... PHIL
Physics ..... PHYS
Political Science & Int'l Affairs..... POLS
Psychology ..... PSYC
Reading..... READ
Real Estate ..... RE
Regents Skills..... RGTE/
..... RGTV
Russian..... RUSS
Science..... SCI
Science Education..... SCED
Secondary Education..... SED
Social Science Research Methods..... SSRM
Sociology ..... SOCI
Spanish..... SPAN
Statistics..... STAT
Study Abroad ..... SA
Theatre and Performance Studies..... TPS
Writing..... WRIT

Classification of Courses

Non-degree courses are numbered below 1000. In general, freshman courses are those numbered 1000 to 1999, sophomore level 2000 to 2999, junior level 3000 to 3999, senior level 4000-4999, and graduate level 5000 and above.

The figures shown below the course number and the title of the course, in general, signify the number of class hours per week, the number of laboratory hours per week and the semester hours of credit for the completed course. Thus, the entry 3-0-3 denotes three hours of class, zero hours of laboratory and three hours of degree credit. The courses are listed alphabetically.

Learning Support Restrictions

All learning support students must be enrolled in their required learning support program (LSP) classes before they are eligible for any regular credit courses. If they do take credit courses before completing their LSP requirements, they may not take any course which has those requirements as a prerequisite. LSP students, therefore, may take no 3000- or 4000-level courses, and should very carefully check the

Courses

AADS: African and African Diaspora Studies

AADS 2100 - Introduction to African & African Diaspora Studies. 3-0-3.
Prerequisite: ENGL 1102 .
This course introduces students to the foundations of African and African Diaspora Studies. It does so by examining the evolution, nature and theoretical traditions which inform AADS. The course promotes critical thinking and exposes students to theoretical ideas and global perspectives relevant to the black experience.

AADS 2260 - Research Methodologies. 3-0-3.
Prerequisite: MATH 1107 and AADS 2100.
This course is designed to expose the student to the variety of interdisciplinary research methodologies, both quantitative and qualitative, to prepare them for the methodological approaches appropriate for their chosen concentrations in African and African Diaspora Studies.

AADS 4499 - Senior Seminar. 3-0-3.
Prerequisite: AADS 2260 plus 21 hours of upper level courses or permission of instructor.
A capstone course in which students connect and integrate learning from AADS and other courses that they have taken in their

concentration, explore the deeper issues in the discipline, research and write a senior thesis, and make technology-assisted presentation of their findings to a committee of AADS faculty.

ACCT: Accounting

ACCT 2100 - Introduction to Financial Accounting. 3-0-3.
Prerequisite: Business Majors: ENGL 1101 and MATH 1111 or higher. Non-business Majors: ENGL 1101 and MATH 1101 or higher.
An introduction to the language of business. Focuses on financial statements and their use in decision-making. Designed for business and non-business majors.

ACCT 2200 - Introduction to Managerial Accounting. 3-0-3.
Prerequisite: ACCT 2100.
An introduction to how accounting information is used to manage a business. Includes managerial problem-solving techniques and current trends in managerial decision-making.

ACCT 3100 - Intermediate Financial Accounting I. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "B" or higher in both ACCT 2100 and ACCT 2200; Non-business Majors: A grade of "B" or higher in both ACCT 2100 and ACCT 2200 and permission of the Coles College of Business.
This course focuses on the collection, analysis, and reporting of financial accounting information. The course includes theory and application of financial accounting concepts within the framework of accounting as an information system. The course also covers several technical accounting topics from a preparer's perspective.

ACCT 3200 - Concepts in Federal Taxation. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "B" or higher in both ACCT 2100 and ACCT 2200; Non-business Majors: A grade of "B" or higher in both ACCT 2100 and ACCT 2200 and permission of the Coles College of Business.
Focuses on the fundamental principles and concepts applicable to tax liability determination and tax planning, including an introduction to tax research methodology.

ACCT 3300 - Accounting Information Systems. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or higher in ACCT 3100; Non-business Majors: A grade of "C" or higher in ACCT 3100 and permission of the Coles College of Business.
A continuation of accounting transaction processing concepts; internal controls and systems analysis and design.

ACCT 3396 - Cooperative Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, approval of the Coordinator of cooperative education/internships (KSU Career Services), and a grade of "C" or higher in ACCT 3100; Non-business Majors: Not available to non-business majors.
A supervised work experience program for a minimum of two semesters at a site in business, industry or government. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

ACCT 3398 - Internship. 1-9.
Prerequisite: Business Majors: Sophomore GPA Requirement, approval of the Coordinator of cooperative education/ internships (KSU Career Services), and a grade of "C" or higher in ACCT 3100; Non-business Majors: Not available to non-business majors.
A supervised credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. A research paper is required to receive credit. For junior or senior students who wish to participate in an on the job experience in which they may apply their academic training. The work experience may not be with a current employer. The course will be graded on an S/U basis.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

ACCT 4050 - Intermediate Financial Accounting II. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or higher in ACCT 3100; Non-business Majors: A grade of "C" or higher in ACCT 3100 and permission of the Director of the Coles College of Business.
A continuation of intermediate financial accounting theory and applications, with a focus on detailed technical topics and specialized problems.

ACCT 4100 - Advanced Financial Accounting. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or higher in ACCT 3100, and ACCT 4050; Non-business Majors: A grade of "C" or higher in ACCT 3100, ACCT 4050, and permission of the Coles College of Business.
Study of specialized topics in financial accounting, including business combinations, consolidations, and partnerships.

ACCT 4150 - Auditing and Assurance. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or higher in ACCT 3100, and ACCT 3300; Non-business Majors: A grade of "C" or higher in ACCT 3100, ACCT 3300, and permission of the Coles College of Business.
This course teaches audit theory, attestation, and assurance services. It focuses on the concepts of risk, control, evidence, and ethics for financial reporting and internal control purposes.

ACCT 4152 - Internal Auditing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or higher in ACCT 3300 and ACCT 4150; Non-business Majors: a grade of "C" or higher in ACCT 3300 and ACCT 4150 and permission of the Coles College of Business.
This course covers internal auditing from a broad perspective to gain a further understanding of the internal audit profession as well as governance, risk assessment, controls, and audit concepts that the internal auditors need to know and understand.

ACCT 4200 - Advanced Managerial Accounting. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or higher in ACCT 3100; Non-business Majors: A grade of "C" or higher in ACCT 3100 and permission of the Coles College of Business.
Focuses on specialized topics in managerial accounting theory and application.

ACCT 4250 - Advanced Taxation. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or higher in ACCT 3100 and ACCT 3200; Non-business Majors: a grade of "C" or higher in ACCT 3100 and ACCT 3200 and permission of the Coles College of Business.
A continuation of income tax concepts, types of taxpayers, decision making strategies, tax research and planning, professional standards and ethics, and the relationship and differences between financial and tax accounting.

ACCT 4300 - International Accounting. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or higher in ACCT 3100, and 6 semester hours of 4000-level Accounting courses; Non-business Majors: 60 semester hours including 6 semester hours of 4000-level Accounting courses, a grade of "C" or higher in ACCT 3100, and permission of the Coles College of Business.
Introduction to accounting-related skills, tools, and knowledge sets useful in the context of investment in and management of international enterprises. Covers translation of foreign currency financial statements, accounting for foreign-currency transactions and hedges, comparative accounting and disclosure, ethics and other relevant topics.

ACCT 4350 - Accounting Systems Audit and Control. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or higher in ACCT 3100, and ACCT 3300; Non-business Majors: A grade of "C" or higher in ACCT 3100, ACCT 3300, and permission of the Coles College of Business.
The study of the control and security of accounting information systems with an auditing perspective. Topics covered include: The quality of information, information technology (IT) audit process, types of IT audits, ethics, fraud, forensic auditing, computer assisted audit tools and techniques, and IT governance.

ACCT 4400 - Directed Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or higher in ACCT 3100, and approval of instructor and the Director of the School of Accountancy prior to registration; Non-business Majors: A grade of "C" or higher in ACCT 3100 and approval of instructor, the director of the School of Accountancy and the Coles College of Business.
Special topics of an advanced nature not in the regular course offerings.

ACCT 4490 - Special Topics in Accounting. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or higher in ACCT 3100, and approval of instructor and the Director of the School of Accountancy; Non-business Majors: 60 semester hours, a grade of "C" or higher in ACCT 3100, and approval of the

instructor, the director of the School of Accountancy, and the Coles College of Business.
Selected special topics of interest to faculty and students.

ACCT 4600 - Governmental and Not-for Profit Accounting. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or higher in ACCT 3100; Non- business Majors: A grade of "C" or higher in ACCT 3100 and permission of the Coles College of Business.
Study of accounting and reporting practices for state/local governments and not-for-profit organizations. Course includes consideration of current events and other topical issues related to governments and not-for-profit organizations.

ACCT 4700 - Valuation of Closely Held Businesses. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and ACCT 3200, FIN 3100, and a grade of "C" or higher in ACCT 3100 and ACCT 3200; Non-business Majors: FIN 3100, a grade of "C" or higher in ACCT 3100 and ACCT 3200, and permission of the Coles College of Business.
The study of fundamental concepts and valuation methods used to value a closely held business when there is no established market price. When determining the future benefit stream of a business entity and the associated risk, concepts from finance, economics, accounting and taxation will be incorporated.

AMST: American Studies

AMST 3700 - Principles and Methods of American Studies. 3-0-3.
Prerequisite: ENGL 1102.
Critically examines the meaning and culture of America locally and globally. This reading, writing, and discussion-based course introduces students to the interdisciplinary study of American cultures. The course uses a wide variety of readings and activities from multiple academic disciplines and popular culture.

AMST 3710 - U.S. in the World. 3-0-3.
Prerequisite: ENGL 1102.
Examines "America" as a cultural signifier that circulates around the world. These representations not only travel to other countries, but also return to us in cultural products from other countries. In addition to cultural theory, we will look at film, television, literature, and music as primary concern is to interrogate what ideological assumptions underlie our notion of what "America" means.

AMST 3740 - American Popular Culture. 3-0-3.
Prerequisite: ENGL 1102.
Critical analysis of popular culture in American society. A particular offering of the course could focus on a specific area of popular culture (e.g., books, music, sports, food, mass consumption or advertising) or survey several of those topics. Historical and theoretical readings will support students' analysis of primary texts, including examples highlighting the globalization of American popular culture, mass markets and niche markets, the social formation of taste, and shifts in society's preferences for mass consumption in different time periods.

Notes: Course may be repeated for credit provided the content differs entirely from the previous offering.

AMST 3750 - Place in American Culture. 3-0-3.
Prerequisite: ENGL 1102.
This course offers a thematic study of the cultural, social, and economic patterns of American places using texts and methods from a variety of disciplines such as history, literature, and sociology. Employing the techniques of critical reading and historical analysis, students interrogate texts ranging from contemporary prize-winning novels, film and media representations, to primary historical documents to gain a fuller understanding of both the place studied and the significance of "place" in culture.

Notes: Course may be repeated for credit provided the content differs entirely from the previous offering.

AMST 3760 - American Identities. 3-0-3.
Prerequisite: ENGL 1102.
Examines the construction of individual identities and identity groups in American culture. Students survey and critique a range of texts expressing and representing the formation of identity constructions around such categories as race, gender, ethnicity, national origin, class, and sexuality. Students consider the various historical, cultural and social forces

that shape (and sometimes resist) diverse views of American identity both within and outside the U.S.

Notes: Course may be repeated with a change in content.

AMST 3770 - American Cultural Productions. 3-0-3.
Prerequisite: ENGL 1102.
Examines the production, interpretation, performance, circulation, and contestation of cultural practices and activities that produce ideas and beliefs about "America." The course may focus on a particular cultural product (e.g., the suburbs) or cultural productions related to a particular historical period (e.g., the Great Depression) or other discrete category (e.g., racial productions).

Notes: Course may be repeated with a change in content.

AMST 3780 - American Cultural Movements. 3-0-3.
Prerequisite: ENGL 1102.
Examines the history of and relationships between selected cultural movements in the United States through an interdisciplinary lens. Drawing primarily on historical resources and cultural texts, the course analyzes the evolution and conduct of movements or of a particular major movement, as well as the evolution of academic inquiry and understanding of these movements.

Notes: Course may be repeated with a change in content.

AMST 4490 - Special Topics in American Studies. 3-0-3.
Prerequisite: ENGL 1102.
A study of selected special topics of interest to faculty and students.

Notes: Course may be repeated for credit provided the content differs entirely from the previous offering.

ANTH: Anthropology

ANTH 2105 - Social Issues: Perspectives in Anthropology. 2-0-2.
Prerequisite: ENGL 0099 and READ 0099.
This course provides students with the knowledge and tools necessary to critically examine world social issues from the social science perspective of anthropology. The discipline of anthropology examines the effects of cultural behavior on contemporary issues and problems confronting people around the world.

ANTH 2201 - Introduction to Anthropology. 3-0-3.
Introduction to anthropology's four major subfields: biological anthropology, archeology, cultural anthropology, and linguistics.

ANTH 3300 - Anthropological Theory. 3-0-3.
Prerequisite: At least nine hours of upper division anthropology and permission of the instructor.
This course surveys the historical development of anthropological theory. It emphasizes the major theories and theoreticians in the discipline of anthropology and their importance for understanding contemporary anthropological research.

ANTH 3301 - Human Origins. 3-0-3.
Prerequisite: ANTH 2201.
This course is an introduction to the evolutionary origins of humans. Major topics include evolutionary theory, primate behavior and taxonomy, the fossil record of human and non-human primate evolution, and the interaction of culture and biology as it relates to human evolution.

ANTH 3303 - Introduction to Linguistic Anthropology. 3-0-3.
Prerequisite: ANTH 2201.
Languages constitute the social life and cultural practices that anthropologists study. This course introduces the student to anthropological approaches to the study of language use, which is distinct from a linguist's approach to language. Students learn how languages shape and reflect our thoughts and identities. Students examine the complex world of meaning-making, which form the fundamental component of our social, political, economic, and cultural life.

ANTH 3305 - Principles of Archeology. 3-0-3.
Prerequisite: ANTH 2201 or permission of instructor.
Archeology is the subfield of anthropology that has as its goal the understanding of the human past by studying the material remains that people leave. This course will cover the history, goals, methods, and theoretical base of current technology. Cultural resource management will be introduced as well.

ANTH 3307 - Cultural Anthropology. 3-0-3.
Prerequisite: ANTH 2201.
The comparative study of human cultures and societies through use of cross-cultural analysis of human behavior and case studies. Major foci are comparisons between universal and culturally relative aspects of human behavior, comparative social organization, cultural change and adaptation, and contemporary global cultural problems.

ANTH 3310 - Cultural Diversity in the U.S.. 3-0-3.
Prerequisite: ANTH 2201.
The interrelated issues of culture, race, ethnicity, identity, gender, and social stratification in American society are examined through a holistic and comparative perspective with an emphasis on the examination of case studies.

ANTH 3315 - Native Americans of the Southeastern U.S.. 3-0-3.
Prerequisite: ANTH 2201.
An examination of the culture of the prehistoric, historic and contemporary Native Americans of the Southeastern U.S. including the Mound Builders, Cherokees, Creeks, Choctaws, and Seminoles.

ANTH 3320 - Lab in Physical Anthropology. 3-0-3.
Prerequisite: ANTH 3301 (or concurrent enrollment) and MATH 1107.
This course provides students with practice in techniques used by physical anthropologists in areas such as: human skeletal anatomy, forensic anthropology, paleontology, primatology, human growth and development, and population genetics. In addition, students get an introduction to important literature in the field. This course is a prerequisite for some upper division physical anthropology courses

ANTH 3321 - Indigenous Peoples of North America. 3-0-3.
Prerequisite: ANTH 2201.
The study of contemporary issues affecting Native American peoples through a survey of traditional cultures and culture change.

ANTH 3335 - Archeology Field Techniques. 3-6.
Prerequisite: ANTH 3305.
This course is an archaeological field course designed to teach students the skills and techniques of modern archaeological survey, excavation, and laboratory analysis. The site of the local field school varies from year to year, but the international opportunity is an archaeological site in Belize, Central America. Contact the professor prior to registration for the determination of credit hours.

ANTH 3340 - Religion, Magic, and Culture. 3-0-3.
Prerequisite: ANTH 3307.
This course examines the anthropological approach to religion and magic, which privileges local religious experiences and practices and places them in socio-cultural context. This course encourages students to consider the roles that religions play within broader adaptive systems, and how religions alternately promote both cultural stability and cultural change. Cosmologies, religious systems, and magical systems of thought are explored from an anthropological perspective.

ANTH 3345 - Food and Culture. 3-0-3.
Prerequisite: ANTH 3307.
This class takes a global look at the social, symbolic, and political-economic roles of food, including how people in different cultures and environments throughout history define themselves through their foodways. The course explores a cross-cultural range of identities and socialities built through food production, preparation, and consumption, and how these change over time.

ANTH 3350 - Cultures and Societies of the World. 3-0-3.
Prerequisite: ANTH 3307.
A comparative survey of culture and social organization in various regions of the world with a focus on contemporary social problems, cultural change and adaptation.

ANTH 3355 - Capitalisms and Cultures in Asia. 3-0-3.
Prerequisite: ANTH 2201.
This course compares and contrasts various forms of capitalisms and cultures in Asia to understand the dynamics of society and political life. This course enables students to develop a global perspective on critical issues that concern policymakers, business-strategists, development-workers, and academics from an anthropological perspective. Students compare and contrast various forms of capitalism in Asia from an anthropological vantage point for understanding dynamics of society and political life in Asia.

ANTH 3360 - Anthropology and Africa. 3-0-3.
Prerequisite: ANTH 3307.
This course introduces students to methods, theories, and topics in African historical and contemporary anthropology. Particular emphasis is placed on how people from the West have encountered and come to understand African peoples and vice versa. This course examines how the colonial encounter helped structure methodological and conceptual formulations in anthropology and subsequent critiques and revisions. It also examines many contemporary African issues through the lens of anthropology.

ANTH 3365 - Afro-Brazilian Culture and Politics. 3-0-3.
Prerequisite: ANTH 2201 or AADS 2100.
This course explores the Afro-Brazilian experience in multi-racial Brazil, where the majority of the population is of African descent. This course will focus on how Afro-Brazilian culture, politics, music, samba, capoeira (martial arts), carnival and religion have impacted and often defined Brazilian society and culture. The course also focuses on Brazilian racial identity, social movements and racism. Brazil is constantly situated within the African Diaspora.

ANTH 3380 - Maya Archeology. 3-0-3.
Prerequisite: ANTH 3305.
This course is designed to introduce students to the ancient Maya, whose civilization flourished in the lowlands of Central America between 1000 B.C. and A.D. 1500. It also examines reasons for the rise and fall of classic Maya civilization, including topics such as the development of complexity, settlement, subsistence, art and architecture, ritual and religion, and intellectual achievements.

ANTH 3390 - Lab in Archeology. 3-0-3.
Prerequisite: ANTH 3305.
This course introduces laboratory methods through a project-oriented, hands-on format. A major focus of the course is on the inferential processes through which archaeologists recover and understand the past. This course also introduces many of the important principles and concepts that archaeologists use to analyze, manage, curate, and publish artifacts and the data associated with them. In addition, it allows the opportunity to have some hands-on experience with artifacts. Hands-on experiments in class help reinforce the theoretical concepts. Finally, the main goal is for the student to get basic "literacy" with respect to archaeological analysis and develop good lab habits rather than master any particular kind of analysis.

ANTH 3398 - Internship in Anthropology. 3-0-3.
Prerequisite: ANTH 3300, ANTH 4450, 90 credit hours completed, and permission of the instructor.
A structured off-campus experience in a supervised setting that is related to the student's major. Practical experience is combined with scholarly research in the topical area of the internship, under the guidance of an interdisciplinary faculty committee. Sites must be selected in advance of the semester of the internship.

Notes: A departmental internship orientation session is scheduled once a semester.

ANTH 4100 - Directed Applied Research. 1-6.
Prerequisite: Any upper division anthropology course and consent of instructor and chair.
This course offers students an opportunity to investigate anthropologically-oriented concepts and issues by assisting in faculty-led research or scholarship. Course content and instructional methodologies are identified by the faculty's needs and expectations.

ANTH 4400 - Directed Study in Anthropology. 1-3.
Prerequisite: Approval of instructor and department chair.
Covers special topics and seminars external to regular course offerings. May include original research projects and practicum experiences.

ANTH 4405 - Human Variation. 3-0-3.
Prerequisite: ANTH 3301.
This course provides an understanding of the nature and extent of human biological variation, as well as an understanding of how it is studied. The course focuses on two separate yet inter-connected topics: the biological variation that exists within our species, Homo sapiens; and the concept of race.

ANTH 4420 - Lab in Forensic Anthropology. 0-6-3.
Prerequisite: ANTH 3320 or ANTH 2201 and permission of the instructor.
This laboratory class provides an overview to the field of forensic anthropology for undergraduates. Forensic anthropology is an applied field of physical anthropology that seeks to recover, identify, and evaluate human skeletal remains within a medico-legal context. This generally includes the determination of an unidentified individual's sex, age, ancestry, stature, and in many cases, circumstances surrounding death.

ANTH 4421 - North American Archeology. 3-0-3.
Prerequisite: ANTH 3305.
An introduction to archaeological goals, methods, and interpretation of the prehistory of North America.

ANTH 4425 - Historical Archeology. 3-0-3.
Prerequisite: ANTH 3305.
The course introduces students to methods and issues in American historical archeology. Particular emphasis is placed upon archaeological methods and documentary research, changing gender roles, ethnicity, and technological innovations. Case studies will focus on the South but other regional contexts may also be included.

ANTH 4430 - Environmental Anthropology Field Methods. 3-0-3.
Prerequisite: ANTH 2201.
This course exposes students to the field of environmental anthropology as they experience fieldwork in the natural environments of Georgia. The intensive field methods and research approaches in this course allow students to learn how to work as part of an anthropological research team as they examine and evaluate global research issues in environmental anthropology at the local and regional level. The course includes topical lectures, field methods, lab analysis, and interactive team projects.

ANTH 4450 - Research Methods in Anthropology. 3-0-3.
Prerequisite: At least nine hours of upper division anthropology and permission of the instructor.
Major theoretical ideas and methods used in anthropological research will be examined with a focus on applying them in research and practice.

ANTH 4490 - Special Topics in Anthropology. 3-0-3.
Prerequisite: Approval of instructor and department chair.
Selected topics of interest to faculty and students.

ARED: Art Education

ARED 3155 - Art Education Life Drawing. 2-0-2.
Prerequisite: Art majors: ART 2150 and ART 3000.
Art Education Life Drawing is an advanced study of drawing concentrating on the subject matter of the human figure. Each of the approximately 30 sessions will consist of lectures on anatomy with in-class studio work, group critiques and tests of knowledge of subject matter. Media used in this class will progress from graphite and chalks to other media as chosen by the student.

ARED 3302 - Teaching, Learning and Development in Visual Arts. 3-0-3.
Prerequisite: ART 2550.
This course is designed to help students gain an understanding of the current teaching issues in the field of art education and to understand development and learning in the P-12 art room. Creative, artistic, and perceptual development will be presented through an examination of the characteristics of diverse learners and an emphasis on the physical, psychosocial-emotional, and cognitive development of P-12 learners.

ARED 3304 - Teaching Art History, Criticism and Aesthetics. 3-0-3.
Prerequisite: ART 2850 and ART 2550.
This course is designed to prepare students to develop strategies for teaching art history, art criticism, and aesthetics in the P-12 art classroom. Students will develop materials appropriate for classroom instruction that stimulate and assess art learning. In addition, this course meets the required learning for Fine Arts Georgia Performance Standards and National Standards for Visual Arts.

ARED 3306 - Materials, Methods and Management for Teaching Art (P-12). 3-3-3.
Prerequisite: ARED 2550.
This course is an intensive laboratory experience using the media and materials for teaching art. Intended for prospective art special-

ists teaching grades P through 12. Methods and strategies for teaching various art media and processes will be covered. Classroom management strategies are integrated into teaching methods.

ARED 3308 - Special Populations in Art Education. 2-2-3.
Prerequisite: ARED 3306 and admission to Teacher Education.
This course focuses on content knowledge and applications for art educators teaching students with exceptionalities. Content includes current legal, educational, and therapeutic issues as they relate to teaching art to special populations. Distinctions between art education and art therapy are discussed. This course includes field experiences and admission to Teacher Education. Proof of professional liability insurance is required prior to receiving a school placement.

ARED 3309 - Visual Art for Early & Middle Grades. 2-0-2.
Prerequisite: Admission to Teacher Education.
A course designed for preparing elementary school educators to integrate meaningful art experiences into the classroom. Prospective elementary classroom educators develop basic concepts, skills, methods of instruction, and teaching competencies in the specific area of the visual arts.

ARED 3310 - Multiculturalism & Crossculturalism in Art Education. 1-2-2.
Prerequisite: EDUC 2201, EDUC 2204. Corequisite: ARED 3302.
This course involves an exposure to art education literature that focuses on diversity issues in historical and contemporary contexts (including ethnicity, race, socioeconomic status, gender, exceptionalities, language, religion, sexual orientation and geography). Theories and models of contemporary art education practice are explored, which strengthen the respect proper to all classroom diversities. Students participate in field experience activities in schools, museums and other community settings.

ARED 3398 - Internship. 1-12.
Prerequisite: Approval of instructor and department chair.
A supervised, credit-earning work experience of one academic semester with an approved school, museum or educational organization involved in the visual arts.

ARED 4400 - Directed Study. 1-3.
Prerequisite: Approval of instructor and department chair.
Selected topics of an advanced nature, which may include original research projects. The content of the directed study will be determined jointly by the instructor and the student.

ARED 4410 - Intercultural Curriculum Model. 2-2-3.
Prerequisite: ARED 3306 and admission to Teacher Education.
This course is designed to prepare prospective art teachers to be able to plan and organize effective intercultural art programs and curricula, to explore innovative and exemplary art programs and materials, to assess art learning, and to develop a rationale and strategy for articulating and promoting a quality art program. In addition, this course is designed to identify and understand art instruction that meets the required Fine Arts Georgia Performance Standards. Students also participate in a clinical practice activity in a partner school, involving the cooperative creation and delivery of an original intercultural art curriculum unit.

ARED 4425 - Teaching of Art: Practicum. 0-6-3.
Prerequisite: ARED 4410 and admission to Teacher Education.
A comprehensive art education model-based course combining curriculum design and instructional methods with in-depth field experience in the public schools. Students will both observe and teach in a classroom setting. Campus seminars will relate the field experiences to current instructional theory. Admission to Teacher Education. Proof of liability insurance required prior to receiving a school placement.

ARED 4470 - Student Teaching. 12.
Prerequisite: Admission to Student Teaching and EDUC 2130.
Full-time teaching experience in art education under the supervision of a public school supervising teacher and a college supervisor. Must have prior approval of art education program coordinator and of College of Education to student teach. Admission to Teacher Education. Proof of liability insurance required prior to receiving a school placement.

ARED 4490 - Special Topics in Art Education. 3-0-3.
Prerequisite: Approval of instructor and department chair.
Selected special topics and seminars of interest to faculty and upper-level students interested in art education.

ARH: Art History

ARH 2750 - Ancient through Medieval Art. 3-0-3.
Prerequisite: None.
This lecture/discussion course surveys the art and architecture of the western world from prehistory through the middle ages. It includes an introduction to parallel developments in Asia, Africa, and the Americas.

ARH 2850 - Renaissance through Modern Art. 3-0-3.
Prerequisite: None.
This is a lecture/discussion course in which students study major developments and trends in world art from the fifteenth through the twentieth centuries CE. It includes an introduction to parallel developments in Asia, Africa, and the Americas.

ARH 3000 - Survey of Asian Art. 3-0-3.
Prerequisite: ART 1107 or ARH 2850.
This lecture/discussion course surveys the art of India and Southeast Asia, China, Japan, and Korea from prehistory to the present. Students study the chronological developments of the major styles of painting, sculpture, architecture, and decorative arts from these regions. The course highlights important examples of works of art to discuss the artistic achievements and the aesthetics of these regions, and explores how cultural, political, religious, and social climates have shaped the visual arts in Asia from the beginnings of its civilization to the 21st century.

ARH 3100 - African Art. 3-0-3.
Prerequisite: ARH 2750 and ENGL 1102.
A history and survey of African art, from prehistory to the present.

ARH 3150 - Islamic Art. 3-0-3.
Prerequisite: ARH 2750
This course is a survey of visual culture from the Islamic world, beginning with its origins in the seventh century. It examines a range of media, including ceramics, metalwork, textiles, arts of the book, sculpture, and architecture. It considers artistic production and consumption in a variety of regions and social contexts in the Middle East, Europe, and Africa. And it explores issues such as the definition of Islamic art, its study in the West, and Orientalism.

ARH 3200 - Art of the Ancient Americas. 3-0-3.
Prerequisite: ARH 2750.
This course surveys the arts of select Pre-Columbian cultures of Mesoamerica and the Andes up to and including the time of contact with Europe. Major empires and groups surveyed include Chavin, Moche, Tiwanaku, Inca and Olmec, Teotihuacan, Maya and Aztec. Terracotta and stone figurative sculpture, architecture, textiles, earthworks, metals and ceramics are the principal art media under consideration. Emphasis is placed on the study of key monuments and media within a chronological framework, but also on the principles and concepts that underlie Andean and Mesoamerican cultures. The interrelation of art with religion, myth and history will be a continuing theme, with consideration of shamanism, statecraft, ritual, and nature as culture.

ARH 3250 - Latin American Art. 3-0-3.
Prerequisite: ARH 2750 and ENGL 1102.
A study of Latin-American art from the colonial period to the present. Students in this course study art of the Spanish and Portuguese colonial period, art of the nineteenth century following independence, and major developments and trends in modern painting, sculpture, and architecture since 1900.

ARH 3300 - Ancient Egyptian Art. 3-0-3.
Prerequisite: ARH 2750.
This course presents a survey of ancient Egyptian visual art and architecture from the pre-Dynastic period through the Roman occupation and Coptic Christianity. Emphasis is placed on the study of key monuments within a chronological framework, as well as the principles and concepts that underlie Egyptian art. The interrelationship of art with religion, myth and history will be a continuing theme. Art forms to be studied include architecture, sculpture, painting, mummified bodies, and a range of utilitarian objects, including jewelry.

ARH 3350 - Art of Ancient Greece. 3-0-3.
Prerequisite: ARH 2750.
A survey of the art and architecture of the ancient Aegean world from prehistory through the Hellenistic period. The emphasis is on learning the most important monuments, styles, vocabulary, and chronology of this important part of world history. Attention is also paid to understanding the art in its historical, social, and esthetic contexts. The basic principles of classical archeology will also be introduced.

ARH 3370 - Roman Art and Architecture. 3-0-3.
Prerequisite: ARH 2750.
This course is a survey of the art and architecture of Republican and Imperial Rome, from the first century B.C.E. to the fourth century C.E. It examines a range of media (e.g., coins, pottery, mosaics, sculpture, painting, and architecture) within their social contexts, dealing with such issues as the viewer and viewing; portraiture; gender; ethnicity; social status; domestic space; and urban development. This course incorporates new archaeological discoveries as much as possible, and it encourages students to visit museums.

ARH 3398 - Internship. 1-9.
Prerequisite: Permission of department chair.
A supervised work experience of one academic semester with a previously approved gallery, museum, or private government agency.

ARH 3500 - Italian Renaissance Art. 3-0-3.
Prerequisite: ARH 2850 and ENGL 1102.
A survey of art and architecture in Italy from the early fourteenth century to the mid-sixteenth century. The veneration for classical antiquity and the development of naturalistic representation are examined. Issues of patronage, artists' training, and technology are also addressed.

ARH 3600 - Baroque Art. 3-0-3.
Prerequisite: ARH 2850 and ENGL 1102.
A survey of major movements, artists and themes in seventeenth- and eighteenth-century art and architecture in Europe and the Americas.

ARH 3650 - Theory and Criticism of the Visual Arts. 3-0-3.
Prerequisite: ARH 2850 and ENGL 1102.
A study of the basic aesthetic theories and critical methods employed by artists, teachers, critics and art historians. Emphasis on artistic styles and aesthetic philosophies in historical, cultural and creative contexts.

ARH 3700 - Nineteenth-Century Art. 3-0-3.
Prerequisite: ARH 2850 and ENGL 1102.
Study of major developments and trends in nineteenth-century painting, sculpture, and architecture. Review of major aesthetic theories and non-western art forms that shaped nineteenth-century art.

ARH 3750 - History of American Art. 3-0-3.
Prerequisite: ARH 2850 and ENGL 1102.
Study of the styles and movements of art and architecture in the United States from colonial times to present.

ARH 3850 - Art Since 1900. 3-0-3.
Prerequisite: Art majors: ARH 2850 and ENGL 1101. Non art majors: ENGL 1101 and permission of instructor.
This is a lecture/discussion course in which students study major developments and trends in visual arts since 1900. Students become familiar with the dominant artistic practices and critical theories that defined "modernism," and with the social, political, and cultural changes that initiated the shift in visual art from modernism to post-modernism.

ARH 3990 - Research Methods in Art History. 3-0-3.
Prerequisite: ARH 2750, ARH 2850.
This is a lecture/discussion course in which students are introduced to the main methodologies of art historical research and learn to apply them to the analysis of artistic practice. Lectures and discussions focus on how works and styles of art are looked at and studied, rather than the meaning/significance of the works or styles of art themselves. Students become familiar with the contributions of the most important art historians who have shaped the discipline of art history. During the semester we examine traditional as well as postmodern methodologies including formalism, biography, iconology, Marxism and feminist deconstruction, psychoanalytic and semiotic approaches (including structuralism and post-structuralism).

ARH 4000 - Historical Studio Practices. 3-0-3.
Prerequisite: ARH 2850 and ART 3160.
This course examines the art of any one of four art historical periods by combining lecture/discussion with practical applications. The first week explores the character of the period as it developed according to historical, social, cultural and artistic trends, while the second week involves the practical application of painting techniques developed in the Italian Renaissance, but universally applied by academics of art in Western culture until the end of the nineteenth century. These techniques will include: creating your own painting medium; preparing a wood panel with gesso; toning the panel; transferring a preliminary drawing to the toned panel; developing an underpainting; and the application of traditional Venetian oil glazing techniques.

Notes: May be repeated for credit when topics vary; BFA students may use this course for only one of the art history requirements.

ARH 4150 - African-American Art. 3-0-3.
Prerequisite: ARH 2850 and ENGL 1102.
An introduction to African-American art designed to explore the diverse aesthetic expressions of African-American artists from colonial times to the present. Through an examination of aspects of the religious, social, cultural and creative history of Black Americans, students will develop an understanding of the wealth of contributions made by people of African descent to the development of American art and culture.

ARH 4400 - Directed Study. 1-3.
Prerequisite: Permission of instructor and department chair.
Selected topics of an advanced nature, which may include original research projects.

Notes: Can be used in upper-level course requirements only twice with no more than 3 hours credit given each time.

ARH 4490 - Special Topics in Art History. 1-3.
Prerequisite: ARH 2850, ENGL 1102, and approval of instructor and department chair.
Selected special topics and seminars of interest to faculty and upper-level students interested in art history.

ARH 4500 - Women in Art. 3-0-3.
Prerequisite: ARH 2850.
This course introduces students to the history of women in the visual arts, particularly as artists, but also as subjects, focusing on western Europe and the Americas. It also considers the evolution of feminism and its applications in art history.

ARH 4700 - Victorian Art and Culture. 3-0-3.
Prerequisite: ARH 2850, ENGL 1102.
This course is in a seminar format. Unlike the straightforward lecture approach of survey courses, a seminar is a forum for open discussion of pertinent topics. The Victorian Period covers the reign of Queen Victoria of England, who sat on the throne from 1837 to 1901. An initial overview will touch on several different topics that define the Victorian era, and subsequent classes will consist of student presentations and in-depth class discussions based on assigned readings.

ARH 4750 - American Landscape Painting. 3-0-3.
Prerequisite: ARH 2850, ENGL 1102.
This course consists of an in-depth exploration of the phenomenon of American landscape painting. It traces the development of this discipline in the United States and explores the artistic, social, political and historical implications of the images within the context of American Romanticism, Impressionism and Realism from its beginnings in the early eighteenth century to the beginning of the twentieth century.

ARH 4850 - History of Graphic Design. 3-0-3.
Prerequisite: ARH 2850.
This is a lecture/discussion course in which students will study the major developments in graphic design from the Industrial Revolution to the present. This course will familiarize students with major trends in European and American design, with a particular focus on graphic design in the context of art history and the history of material culture. Organized as a survey course, the class will focus on key examples of styles and innovations in graphic design, as they developed in relationship to their times and places. Students will recognize similarities and differences between the work of significant designers, and contemporary developments in modernist visual art, and the theoretical underpinnings of major design movements.

ARH 4870 - History of Photography. 3-0-3.
Prerequisite: ARH 2850.
A selective survey of nineteenth and twentieth century photography, primarily in Europe and America emphasizing photography's development as an artistic medium. Focus on major practitioners of the medium, and on photography's relationship to historical events, psychology, sociology and the development of art and architecture.

ARH 4900 - Contemporary Art. 3-0-3.
Prerequisite: ARH 2850.
This course begins with a consideration of the general reaction to Western Modernism that began in visual art after the 1950s and has come to be known as the period of "Postmodernism," and proceeds to examine issues that define art and challenge artists today. Themes include but are not limited to originality, appropriation, deconstruction, identity politics, post-feminism, commodity critique, installation and performance, digital media, activism and globalism. Students become familiar with the key artists and critics whose ideas informed postmodernism and continue to inform artistic practice today, and the class examines art and critical theory associated with major themes that have emerged in recent art locally, nationally, and globally.

ART: Art

ART 1100 - Two-Dimensional Design and Color Theory. 3-3-3.
Prerequisite: ENGL 0099, if required.
Elements of art and the principles of two-dimensional design, with emphasis on line, shape, texture, space, value elements of color theory executed through conventional methods.

ART 1107 - Arts in Society: Visual Arts. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099 if required.
Through an examination of the role of arts in society, and an in-depth study of visual works of art, this interactive course provides an understanding of the creative process and develops skills in creativity and critical analysis. Heightened perceptual abilities will be developed through class experiences and field visits to a variety of arts events in dance, music and theater as well as in visual arts. (Attendance at some events requires paid admission.)

ART 1150 - Drawing I. 3-3-3.
Prerequisite: None.
Drawing, using a variety of media and techniques, including work from figure, still-life and landscape. Some drawing with digital media.

ART 1200 - Three-Dimensional Design. 3-3-3.
Prerequisite: ART 1100, ART 1150, and full admission into the art program.
An introductory course in exploring, evaluating and resolving concepts related to basic three dimensional design problems. Exercises include three-dimensional drawing techniques and model building. Emphasis is placed on the application of elements and design and principles of organization as well as form and space relationships using a variety of media.

ART 2150 - Drawing II. 3-3-3.
Prerequisite: ART 1100, ART 1150, and full admission into the art program.
Pictorial composition with studies in use of line, form, value and texture, including work from nature, the life model and setups.

ART 2550 - Computer Applications in Art. 3-3-3.
Prerequisite: ART 1100, ART 1150, and full admission into the art program.
The study of computer technology employed by professional artists. Digital presentation and documentation techniques covered. Limited work with art production software.

ART 2990 - Professional Practices and Portfolio Preparation. 3-0-3.
Prerequisite: ART 2550.
This seminar assesses student direction and professional development in the visual arts. Portfolio development in preparation for admission to concentration assesses student competencies and skill levels regarding progress, strengths and areas of development as an artist. Guest lectures by professional artists and others augment class discussions and presentations examining current issues, values and protocols in the visual arts.

ART 3011 - Typography I. 1-5-3.
Prerequisite: ART 2550.
The focus of this course is on the history of Graphic Design with emphasis on the exploration and study of typography as a visual communication tool. The course will include

an understanding and working knowledge of the grid as a visual design tool for typographic page layout.

ART 3015 - Electronic Illustration. 2-4-3.
Prerequisite: ART 2550.
The focus of this course is the execution of quality illustrations. The blending of traditional and electronic images will be influenced and strengthened by the history of illustration. The illustrations will be adapted for print and web using advanced conceptual skills and digital techniques. The strong development of form and color and the elements and principles of design will be stressed.

ART 3020 - Typography II. 2-4-3.
Prerequisite: ART 3011; ART 2990 (may also be taken concurrently).
The focus of this course is on concept-based problem solving with emphasis on the appropriate use of type and form. Students will explore historical periods of typography to include well-known designers and design trends. Symbolism and corporate identity design will also be incorporated.

ART 3021 - Publication Design. 1-5-3.
Prerequisite: ART 3020.
The focus of this course is on page layout and web design. Two and four-color print publications (magazines, newsletters, brochures, etc.) will be covered, with emphasis on the ability to employ visual structural systems (grids), to produce a cohesive group of layouts in a variety of document formats. Web design will be introduced as another publishing medium.

ART 3022 - Pre-Press and Image Manipulation. 1-5-3.
Prerequisite: ART 3020 and admission into the graphic communication concentration.
The focus of this course is on digital image manipulation and object oriented-graphics. This will ensure that students have a thorough understanding of digital file formats and their application to page layout. Emphasis will be on production terminology according to the principles of industry standard digital pre-press. Image editing and manipulation for the web will also be covered.

ART 3120 - Ceramics I. 3-3-3.
Prerequisite: ART 1200 and ART 2150.
Basic processes in ceramics, including pinch pot, coil and slab method of building, and an introduction to ceramic decoration with engobes and textures.

ART 3150 - Drawing III - Life Drawing. 3-3-3.
Prerequisite: ART 2150 and ART 2990.
Intensive study of the human figure; action, structure, volume, design and expressive potentialities from a variety of models, using a variety of media. Some portraiture.

ART 3160 - Painting I. 3-3-3.
Prerequisite: ART 1100 and ART 1150.
Painting with various media emphasizing organizational structure, technical considerations and abstract relationships.

ART 3260 - Painting II. 3-0-3.
Prerequisite: ART 2150 and ART 3160; ART 2990 (may also be taken concurrently).
Painting with acrylics and/or oils emphasizing organizational structure, abstract relationships and technical considerations.

ART 3265 - Aqueous Media. 3-3-3.
Prerequisite: ART 2150 and ART 3160.
This course introduces painting in a variety of traditional and non-traditional water-based media such as watercolor, ink, and gouache. Both technical mastery and creative experimentation are emphasized.

ART 3300 - Sculpture I. 0-3-3.
Prerequisite: ART 1200 and ART 2150.
An introduction to selected sculptural processes using a variety of media.

ART 3310 - Sculpture II. 3-3-3.
Prerequisite: ART 3300; ART 2990 (may also be taken concurrently).
In-depth exploration of selected sculpture processes, creative and aesthetic concepts related to the 3 dimensional form.

ART 3320 - Jewelry and Small Metals I. 3-3-3.
Prerequisite: ART 1200.
This course is an introduction to basic small metals and jewelry techniques including fabrications, forming, and finishing. It emphasizes advanced design skills and critical analysis, as well as exposure to historical and contemporary works.

ART 3325 - Jewelry and Small Metals II. 3-3-3.
Prerequisite: ART 3320.
This course will explore various formats, techniques, and materials necessary to gain an understanding of utilitarian objects and holloware. Techniques will include tool making, repoussage, and forging, while reflecting the students' individual visual and conceptual interests.

ART 3360 - Ceramics II. 3-3-3.
Prerequisite: ART 3120; ART 2990 (may also be taken concurrently).
Experiences with hand-built and wheel-thrown methods with emphasis on form, surface treatment, glazing and firing.

ART 3396 - Cooperative Study. 1-3.
Prerequisite: Approval of coordinator of cooperative educational internships (Career Services).
A supervised work experience program for a minimum of two academic semesters at a site in business, industry or government. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

ART 3398 - Art Internship. 1-9.
Prerequisite: Permission of department chair.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency.

ART 3400 - Photography I. 3-3-3.
Prerequisite: ART 1100 and ART 2150.
Basic introduction to developing visual skills and photographic techniques using black and white film. Emphasis on exposure, development, print and aesthetics.

ART 3410 - Photography II. 3-3-3.
Prerequisite: ART 3400; ART 2990 (may also be taken concurrently).
A refinement of techniques and visual skills with emphasis on aesthetics using different types of film and cameras. Includes an introduction to digital photographic imaging.

ART 3420 - Photography III. 3-3-3.
Prerequisite: ART 3410 and acceptance into the concentration area.
This course teaches students photographic studio and location lighting techniques and introduces the large-format 4x5 camera. Students will apply increasing understanding of darkroom and digital practices to large-format analog and digital printing. Knowledge of contemporary theory and criticism and its application to contemporary photography is incorporated.

ART 3500 - Printmaking I. 3-3-3.
Prerequisite: ART 2150 and ART 2550.
Basic printmaking processes including but not limited to relief (wood block), intaglio (etching, engraving) and stencil (silk-screen).

ART 3510 - Printmaking II. 3-3-3.
Prerequisite: ART 3500; ART 2990 (may also be taken concurrently).
Advanced exploration of conventional and experimental printmaking techniques including but not limited to the relief, intaglio and stencil processes.

ART 3550 - Book Arts and Papermaking. 3-3-3.
Prerequisite: ART 2150.
This course introduces the world history, materials, and techniques associated with the book arts and papermaking. Students learn several bookbinding and hand papermaking methods in order to provide a foundation for the development of concept-driven artists' books that incorporate drawing, painting, printmaking, photography, or graphic design. This course covers Eastern and Western applications, as well as traditional and contemporary approaches. Instruction includes lectures, slide presentation, demonstrations, on- and off-campus museum and gallery visits, and critiques.

ART 3990 - Art As a Public Profession. 3-0-3.
Prerequisite: ART 2990.
This course introduces the art student to a variety of artistic fields and endeavors which provide a range of income-generating possibilities for the professional artist. With a special focus on art in public places, the course will guide the student through the specifics of preparing, locating, and applying for public art commissions. The course will also look at the establishing artistic relationships with art galleries, museums, and art centers, as well as preparation for the realm of self-employment.

ART 4021 - Advertising and Packaging. 1-5-3.
Prerequisite: ART 3021.
The focus of this course is to explore the role of advertising and packaging as part of the

graphic design discipline. Emphasis will be on advertising campaign strategies and tactics from a historical perspective, package design solutions targeted to marketing objectives, media realities and display aesthetics. The history and the unique positioning of advertising and packaging will be stressed.

ART 4022 - Digital Design: Dreamweaver. 2-4-3.
Prerequisite: ART 2550.
The focus of this course is to provide the student with the foundations for web design, using the industry web editing software, Dreamweaver. The emphasis will be on a student-centered digital portfolio project of professional quality. The students will make the transition from print publishing to web publishing and will prepare, present and demonstrate a high level of mastery in their visual, verbal and presentation styles and techniques.

ART 4023 - Digital Design: Flash. 2-4-3.
Prerequisite: ART 2550.
The focus of this course is to provide the student with the foundations for animation using the industry software, Adobe Flash. The emphasis will be on creating and delivering basic interactive content for the Web. The students will explore the features and capabilities of the program and will prepare, present and demonstrate a high level of mastery in their visual, verbal and presentation techniques.

ART 4030 - Design Strategy and Presentation. 3-3-3.
Prerequisite: ART 3022 and ART 4022; ART 4021 (may also be taken concurrently).
The focus of this course is the development of business and presentation skills as these relate to graphic design. The student is responsible for taking the client-based projects from concept to finished digital image. The course will include site visits and service learning.

ART 4150 - Advanced Study in Drawing. 2-4-3.
Prerequisite: ART 3150 and admission to the painting and drawing concentration.
Selected topics in drawing of an advanced nature which may include independent student research.

Notes: Repeatable four times for credit.

ART 4255 - Advanced Study in the Figure. 3-3-3.
Prerequisite: ART 3150 and ART 3260, or instructor approval.
Detailed study of the human figure as a subject in art, including drawing and painting from the live model. Portraiture will be considered in addition to the structure and design potential of the figure.

Notes: May be repeated up to four times for credit.

ART 4265 - Advanced Study in Painting. 2-4-3.
Prerequisite: ART 3260 and admission to the painting and drawing concentration.
Selected topics in painting of an advanced nature which may include independent student research.

Notes: Repeatable four times for credit.

ART 4310 - Advanced Study in Sculpture. 2-4-3.
Prerequisite: ART 3310 and admission to the sculpture concentration.
Selected topics in sculpture of an advanced nature, which may include independent student research.

Notes: Repeatable for credit four times.

ART 4360 - Advanced Study in Ceramics. 2-4-3.
Prerequisite: ART 3360 and admission to the ceramics concentration.
Selected topics in ceramics of an advanced nature, which may include independent student research.

Notes: Repeatable for credit four times.

ART 4400 - Directed Study in Art. 1-3.
Prerequisite: Approval of instructor and department chair.
Selected topics of an advanced nature, which may include original research projects.

Notes: Can be used in upper-level course requirements only twice with no more than 3 hours credit given each time.

ART 4410 - Advanced Study in Photography. 2-4-3.
Prerequisite: ART 3410 and admission to the photography concentration.
Selected topics in photography of an ad-

vanced nature, which may include independent student research.

Notes: Repeatable for credit four times.

ART 4490 - Special Topics and Art Seminar. 1-3.
Prerequisite: Approval of instructor and department chair.
Selected special topics and seminars of interest to faculty and upper-level students interested in art.

ART 4510 - Advanced Study in Printmaking. 2-4-3.
Prerequisite: ART 3510 and admission to the printmaking concentration.
Selected topics in printmaking of an advanced nature, which may include independent student research.

Notes: Repeatable for credit four times.

ART 4980 - Senior Portfolio and Applied Project. 3-0-3.
Prerequisite: Permission of the advisor and instructor.
This graduating senior capstone course focuses on the development of a student resume and professional portfolio showcasing work designed for varied platforms. There is also a research component for current job market demands & requirements, as well as graduate school options. The design pieces will demonstrate work that represents an individual style and a high level of conceptual abilities and professionalism.

ART 4990 - Senior Art Seminar and Exhibition. 3-0-3.
Prerequisite: Permission of the advisor and instructor.
This graduating senior capstone course focuses on the development of a professional graduation exhibition, resume and professional portfolios. Career and graduate school research are course components. Selected topics dealing with professional artists and exhibition practices, culminating with the exhibition of participants' work. The exhibition pieces will demonstrate work that represents an individual style and a high level of conceptual abilities and professionalism.

ASIA: Asian Studies

ASIA 3001 - Understanding Asia. 3-0-3.
Prerequisite: English 1102.
This is the introductory course to KSU's Asian Studies Program. The course uses an interdisciplinary approach to understand Asia's ever-changing contexts. With emphasis on greater China, India, Japan, Korea, and Southeast Asia, the course provides the foundation for further studies of Asia including an overview of the region, connecting past influences to the present. Students examine the origins and development of Asian civilizations from the aspects of geography, people, society, history, philosophy, religion, politics, economy, literature and arts.

ASIA 3309 - Survey of Chinese Literature and Culture. 3-0-3.
Prerequisite: ENGL 1102.
ASIA 3309, cross-listed as FL 3309, is a survey of Chinese literature and culture, examining major works and literary and artistic movements as well as cultural issues. Readings and discussion in English; some readings in the original for Chinese language students.

ASIA 3670 - Survey of Asian Art. 3-0-3.
Prerequisite: ENGL 1102
ASIA 3670 is a lecture/discussion course to survey the art of India and Southeast Asia, China, Japan, and Korea from prehistory to the present. Students in this course study the chronological developments of the major styles of painting, sculpture, architecture, and decorative arts from these regions. This course highlights important examples of works of art to discuss the artistic achievements and the aesthetics of these regions, and to explore how cultural, political, religious, and social climates have shaped the visual arts in Asia from the beginnings of its civilization to the 21st century.

ASIA 3950 - Technology Strategy in Asia. 3-0-3.
Prerequisite: One of the following: ASIA 3001, IS 2101, BISM 2100, or permission of instructor.
This is a case study course that looks at organizational approaches to the integration of technology in multiple cultures. In this course, students will look at the international high-tech mindset, from business, social, financial markets, and personal life.

ASIA 4457 - South Asian Politics: A Comparative Perspective. 3-0-3.
Prerequisite: ASIA 3001.
This course is an overview of the main issues that overlay politics in Sri Lanka, Bangladesh, India, and Pakistan. It covers the common historical background and the development

of political institutions across the region. The course highlights the main cleavages along which politics are organized and related political, social, and economic outcomes, including the political party system, economic development, social movements, and ethnic conflict.

ASIA 4490 - Special Topics for Asian Studies. 3-0-3.
Prerequisite: ENGL 1102
Selected special topics of interest to faculty and students working in Asian Studies.

ASTR: Astronomy

ASTR 3320 - Astronomy and Cosmology. 3-0-3.
Prerequisite: C or better grade in any core lab science sequence.
An introduction to stellar Astronomy and Cosmology. Topics include stellar structure and evolution, end states of stars such as white dwarfs and black holes, active galaxies and quasars, the large-scale structure of the universe, and theories for the origin and evolution of the Universe. This course will emphasize physical principles and conceptual understanding.

ASTR 3321 - Solar System Astronomy. 3-0-3.
Prerequisite: C or better grade in any core lab science sequence.
An introduction to Solar System Astronomy. Topics include planetary motion and its role in the scientific revolution, theories for the origin of the solar system, the history and evolution of the Earth, comparative planetology and the origin of life. This course will emphasize physical principles and conceptual understanding.

BED: Biology Education

BED 4416 - Teaching Biology (6-12). 6-0-6.
Prerequisite: EDUC 2130, 20 credit hours of upper-division major requirements completed, admission to Teacher Education, and permission of the program coordinator.
An examination and application of learning theories, curricular issues, instructional design, and assessment strategies for teaching middle and secondary school biology in diverse classrooms. Candidates develop initial competencies for establishing a well-managed, productive learning environment, applying biology content knowledge to the task of teaching adolescents, and promoting an understanding of the nature of science through inquiry-based instruction. Emphasizes practices supported by science education research and endorsed by the NSTA. Proof of professional liability insurance is required prior to receiving a school placement in the corequisite practicum.

BED 4417 - Teaching Biology (6-12) Practicum. 0-9-3.
Prerequisite: Admission to BED 4416.
Middle and secondary school field experience in teaching biology with concurrent seminars. Proof of professional liability insurance is required prior to receiving a school placement.

BED 4475 - Student Teaching Biology (6-12). 0-36-12.
Prerequisite: Admission to student teaching.
Full-time teaching experience in a life science learning environment under the supervision of a middle or high school mentor teacher and a college science education supervisor. Includes regularly scheduled seminars. Proof of professional liability insurance is required prior to receiving a school placement.

BED 4490 - Special Topics in Biology Education. 1-6.
Prerequisite: Permission of the instructor and department chair.
Selected special topics of interest to faculty and students.

BIOL: Biology

BIOL 2107 - Biological Principles I. 3-3-4.
Prerequisite: C or better grade in CHEM 1211/1211L.
A cellular approach to biology. Topics include cell chemistry, cell structure and function, energy metabolism and cell differentiation, and techniques used to study them. Laboratories employ principles of spectrophotometry and differential centrifugation to examine enzyme kinetics, quantification of protein and subcellular fractionation.

Notes: For science majors.

BIOL 2108 - Biological Principles II. 3-3-4.
Prerequisite: C or better grade in BIOL 2107.
An organismal approach to biology. Topics include population genetics, evolution, ecology, behavior and structure/function relation-

ships. In the laboratory, emphasis is on the collection and analysis of data from exercises dealing with population genetics and ecology. Fetal pig dissection is included.

Notes: For science majors.

BIOL 2110 - Directed Methods I
0-(3-9)-(1-3).
Prerequisite: BIOL 2107 and permission of the instructor.
This course will allow students to gain exposure to a range of research methodologies through direct involvement in faculty-led research or scholarship. Course content and instructional methodologies will be identified by the faculty's needs and expectations. This course may be repeated for credit.

BIOL 2221 - Human Anatomy & Physiology I. 3-0-3.
Corequisite: CHEM 1151 and CHEM 1151L or SCI 1101.
The course begins with cellular chemistry and function, tissues, and continues through the nervous, skeletal and muscular systems. Homeostasis and structural and functional relationships will be emphasized. Primarily recommended for students interested in nursing, physical therapy and health, physical education and sports science. Cannot be used for credit toward a degree in Biology.

BIOL 2221L - Human Anatomy & Physiology I Laboratory. 0-2-(1-12).
Corequisite: BIOL 2221.
Basic anatomy and physiology of the skeletal, nervous, and muscular systems as well as basic histology. Structural and functional relation-ships will be emphasized.

BIOL 2222 - Human Anatomy & Physiology II. 3-0-3.
Prerequisite: C or better grade in BIOL 2221.
A continuation of Biology 2221. Emphasizes homeostasis and structural and functional relation-ships in the study of cardiovascular, respiratory, urinary, digestive, endocrine, and reproductive systems. Primarily recommended for students interested in nursing, physical therapy and health, physical education, and sports science. Cannot be used for credit toward a degree in Biology.

BIOL 2222L - Human Anatomy & Physiology II Laboratory. 0-2-1.
Prerequisite: C or better grade in BIOL 2221/2221L; Corequisite: BIOL 2222.
Basic anatomy and physiology of the cardiovascular, respiratory, digestive, urinary endocrine, and reproductive systems. Structural and functional relationships will be emphasized.

BIOL 2261 - Fundamental Microbiology. 3-2-4.
Prerequisite: C or better grade in BIOL 2221/2221L.
Basic principles and techniques of microbiology including the various types of microbes, their morphology, metabolic processes and their relationships to humans; basic microbiology laboratory principles emphasizing fundamental isolation, identification, and culture techniques. Primarily for nursing majors. Cannot be used for credit toward a degree in Biology.

BIOL 3110 - Directed Methods II. 0-(3-9)-(1-3).
Prerequisite: BIOL 2108 and permission of the instructor.
This course will allow students to gain in-depth skills with a specific set of research methodologies through direct involvement in faculty-led research or scholarship. Course content and instructional methodologies will be identified by the faculty's needs and expectations. A maximum of four credit hours may be applied to degree requirements.

BIOL 3300 - Genetics. 3-2-4.
Prerequisite: C or better grade in BIOL 2108 and CHEM 1212/1212L.
Principles of genetics including classical, molecular, population genetics and cytogenetics Importance of genetics as a foundation for other divisions of biology is stressed. The laboratories will explore concepts in both transmission and molecular genetics. Laboratory exercises will demonstrate the principles of segregation and independent assortment. Sex linkage, epistatic relationships, and the principles of human karyotyping will also be examined. Exercises in molecular genetics will introduce students to the process of recombinant DNA technology and will demonstrate the principles involved in molecular separation techniques.

BIOL 3310 - Invertebrate Zoology. 3-2-4.
Prerequisite: C or better grade in BIOL 2108 and CHEM 1212/1212L.
An examination of the invertebrates including anatomy, ecology, evolution, physiology and phylogeny of invertebrates. In lab, students will observe and identify a selected group of invertebrate organisms as well as design and conduct studies of invertebrate physiology, diversity, distribution and behavior.

BIOL 3315 - Vertebrate Zoology. 3-2-4.
Prerequisite: C or better grade in BIOL 2107, 2108.
An examination of the phylogenetic relationships, evolutionary origins, and life history traits of the vertebrates. Laboratories will emphasize the identification of North American vertebrates and examine the relationship between morphology and taxonomy. Two day-long field trips outside of regularly scheduled lab hours are required.

BIOL 3317 - Pathophysiology. 3-0-3.
Prerequisite: BIOL 2222/2222L or 4431.
Examines the biological basis of common, clinical disease states. Pathophysiology is treated as a disruption of normal homeostatic mechanisms that progresses beyond the normal compensatory capabilities of the human body.

BIOL 3320 - Plant Morphology. 3-2-4.
Prerequisite: C or better grade in BIOL 2107, 2108.
Evolutionary trends and relationships of major groups of non-vascular and vascular plants as seen in vegetative and reproductive morphology, life cycles and paleobotany. Students will observe and dissect selected groups of non vascular and vascular plants, with emphasis on evolutionary trends and relationships.

BIOL 3327 - Medical Genetics. 3-0-3.
Prerequisite: BIOL 3300 or consent of instructor.
An introduction to the principles of medical genetics and the application of these principles to human genetic disorders. Topics include inborn errors of metabolism, cytogenetic anomalies, neural tube defects, and application of molecular genetics to the diagnosis of specific disorders. Genetic counseling procedures, prenatal options and the ethical dilemmas generated as a result of these options will also be discussed.

BIOL 3335 - Natural History of Georgia. 1-6-4.
Prerequisite: C or better grade in BIOL 2107, 2108.
This course examines the flora, fauna, geology and environments of selected Georgia ecosystems. The historical and geological development of the state's major habitats and landforms are examined by way of a series of weekend field trips.

BIOL 3338 - Histology. 3-2-4.
Prerequisite: C or better grade in BIOL 2107, 2108.
An investigation of structural and functional relationships in animal tissues. Laboratory includes a study of cells, tissues and organs to understand their structural organization from normal animal specimens.

BIOL 3340 - Microbiology. 3-3-4.
Prerequisite: C or better grade in BIOL 2107, 2108.
A study of prokaryotic and unicellular eukaryotic organisms, emphasizing morphology, physiology, control, identification, symbiotic relationships, and practical applications. Immunology is studied as a response of vertebrates to microbial infection. The laboratory emphasizes basic microbiological methods of culture and identification of microorganisms. The role of microbes in the environment and in medicine is also investigated.

BIOL 3370 - Ecology. 3-3-4.
Prerequisite: a grade of "C" or better in BIOL 2108, STAT 3125, or permission of the instructor.
Relationships among living organisms and their environments at the individual, population, community and ecosystem level. Laboratory and field activities will emphasize environmental sampling procedures and statistical analysis of sampling data.

BIOL 3371 - Limnology. 2-4-4.
Prerequisite: BIOL 2107, 2108.
This course will develop a comprehensive and integrated understanding of physical, chemical and biological processes occurring in lakes, streams and estuaries. The approach will use the scientific method to investigate and contrast basic ecological processes operating in various systems. Students will generate hypotheses from an initial collection of data and from lectures on various limnologic parameters (e.g. light, nutrients, productivity, community structure, pollutants.) Students

will test specific hypotheses by developing and implementing field surveys and experimental manipulations.

BIOL 3372 - Aquatic Biodiversity. 1-6-4.
Prerequisite: C or better grade in BIOL 3370 or permission of instructor.
An introduction to major plant and animal taxa found in aquatic ecosystems. Students will develop field and laboratory identification and collection skills. Major ecological and biogeographical factors influencing distribution and abundance of aquatic organisms will be examined.

Notes: A series of three weekend field trips are required.

BIOL 3373 - Methods in Aquatic Ecology. 2-2-4.
Prerequisite: C or better grade in BIOL 2107/ BIOL 2108.
This course provides students experience in design and execution of studies in aquatic ecology. Students will obtain hands-on experience with field and lab techniques used in aquatic research, including drainage basin assessments, assessment of lake and stream habitat and water quality, wetlands delineation, sampling techniques for fish and aquatic invertebrates, and techniques used in aquatic toxicology. Field experiences during regularly scheduled class periods are an integral part of the course.

BIOL 3375 - Behavioral Biology. 3-2-4.
Prerequisite: C or better grade in BIOL 2107, 2108 or comparable research methods course. See Biology/Physics Department Chair for approval of other courses.
A survey of the major concepts of neurophysiology, ethology and behavioral ecology, including the behavior of social organisms. Laboratory and field activities emphasize a quantitative, hypothesis testing approach to observing the behavior of animals.

BIOL 3380 - Evolutionary Biology. 3-0-3.
Prerequisite: C or better grade in BIOL 3300.
Principles of evolutionary biology including discussions of natural selection, adaptation, population genetics, speciation, and phylogeny reconstruction. The applications of evolutionary biology to areas such as conservation biology, medicine, and agriculture are discussed.

BIOL 3390 - Developmental Biology. 3-3-4.
Corequisite: C or better grade in BIOL 3300.
Developmental process of animals and plants from formation of gametes through the embryonic stages, birth, maturation and aging. Emphasis on anatomical development, experimental embryology and molecular mechanisms of cellular differentiation. Laboratory emphasizes studies in developmental biology techniques including plant and animal cell and tissue culture.

BIOL 3396 - Cooperative Study. 1-12.
Prerequisite: Approval of Biology/Physics Department Chair and Coordinator of Cooperative Education/ Internships (Career Services).
A supervised work experience program for a minimum of two academic semesters at a previously approved site in business, industry or government or a private agency. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

Notes: Can be applied to free electives only.

BIOL 3398 - Internship. 1-12.
Prerequisite: Approval of major area committee and Biology/Physics Department Chair prior to registration.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency.

Notes: Credit is allowed only in elective areas.

BIOL 3399 - Seminar. 1-0-1.
Prerequisite: C or better grade in BIOL 2107, 2108 or permission of instructor.
Selected topics of current interest, to be announced.

Notes: May be taken only two times for credit.

BIOL 4000 - Service Learning in Biology. 1-3.
Prerequisite: 60 hours and permission of instructor and department chair/program director.
A community activity which links learning to life by connecting meaningful community service activities with academic learning, personal growth, and civic responsibility. Activity will be designed with the instructor and approved by the chair/program director.

BIOL 4350 - Comparative Vertebrate Anatomy. 3-3-4.
Prerequisite: C or better grade in BIOL 2107 and PHYS 1111 or 2211.
A survey of representative vertebrates and related chordates emphasizing phylogeny and anatomical adaptations. Evolutionary trends are examined in the context of large-scale environmental changes that have occurred over geological time. Lab component will have students dissecting selected vertebrates organisms and experimentally determining the physical forces acting on the evolution of vertebrates.

BIOL 4400 - Directed Study. 1-4.
Prerequisite: Approval of instructor, major area committee and Biology/Physics Department Chair prior to registration.
Selected topics of an advanced nature, which may include original research projects.

Notes: Up to four hours may be applied to the major area.

BIOL 4410 - Cell and Molecular Biology. 3-0-3.
Prerequisite: C or better grade in BIOL 3300, CHEM 3361.
Cellular function and genetic principles from an experimental point of view. Emphasis on functional interactions among cellular substructures, regulation of cellular biosynthetic activity, molecular genetics, and evaluation of experimental data.

BIOL 4420 - Plant Physiology. 3-3-4.
Prerequisite: C or better grade in BIOL 2107, 2108, CHEM 3361.
Plant physiology is the study of plant function. Emphasis will be placed on photosynthesis, secondary metabolism, transport of water and solutes, plant defense against pathogens and herbivores, mineral nutrition, and environmental and hormonal control of growth and development. Each process will be examined at the biochemical, cellular and organismal level so as to provide a more complete understanding of the process. Laboratory studies will expose students to both current and classical approaches used to study plant physiology.

BIOL 4422 - Plant Ecology. 3-3-4.
Prerequisite: "C" or better grade in BIOL 2107 and BIOL 2108
Students will learn aspects of physiological responses of plants to their environment, methods to determine plant population growth and plant distribution patterns, as well as interactions among plants and other organisms. They will use science as a process and learn to argue scientific points of view persuasively. Students will also learn to use both classical and modern technologies to address questions in plant ecology.

BIOL 4431 - Human Physiology. 3-3-4.
Prerequisite: C or better grade in BIOL 2108, PHYS 1111 or 2211, and a minimum of 12 credit hours of upper division biology or chemistry courses.
A course in human systems physiology in which the principle of homeostasis will be used to understand how function is integrated from the cellular to the organismal level. The course will focus on the respiratory, cardiovascular, muscular, and renal systems. Critical thinking and quantitative methods will be emphasized.

BIOL 4450 - Team Research. 1-4.
Prerequisite: C or better grade in BIOL 3300 and permission of instructor.
This course is a group experience in biological research in which class members form a research team to design, perform, analyze and write up for publication a single project or group of related projects under the supervision and direction of a faculty member.

BIOL 4460 - Medical Microbiology. 3-3-4.
Prerequisite: C or better grade in BIOL 3340.
This course will explore the disease process of, the immune response to, and the prevention and treatment of the medically important Monera, Viruses, Fungi and some microscopic Protista with emphasis on emerging infections, including a laboratory experience that focuses on enhancing laboratory and investigative skills.

BIOL 4465 - Immunology. 3-0-3.
Prerequisite: C or better grade in BIOL 3300; BIOL 3340 recommended.
Immunology will explore current concepts of the immune system. Emphasis will be placed on the induction of the immune response, on the mechanism(s) of those responses, and on the mechanism(s) by which the immune system protects against disease. The development and the role of each of the components involved in the immune response as well as immunological applications will be discussed.

BIOL 4475 - Virology. 3-0-3.
Prerequisite: C or better grade in BIOL 3300; BIOL 3340 recommended.
This course will explore current concepts associated with the field of virology. The structure and genetic composition of viruses as well as strategies for replication and expression of viral genetic material will be explored. Mechanisms of viral pathogenesis will be presented. In addition, current methods for viral diagnostics, prevention of viral infection and treatment of infected individuals will be presented within the context of viruses of historical significance as well as newly emergent viruses of current medical concern. Novel infectious agents such as satellites, viroids and prions will also be discussed.

BIOL 4486 - Bioethics. 3-0-3.
Prerequisite: C or better grade in BIOL 3300, plus a minimum of 9 additional hours of 3000-4000 level Biology/Biotechnology/Biochemistry or consent of instructor.
This course will enable the student to think more critically about some of the difficult moral problems which arise in the practice of science and from our contemporary understanding of living systems and biotechnology. Readings and discussion will focus on issues of personal decision making and public policy regarding both biomedical and environmental issues.

BIOL 4490 - Special Topics in Biology. 1-4.
Prerequisite: Varies as to topic.
Selected special or current topics of interest to faculty and students.

Notes: See semester schedule.

BIOL 4610 - Advanced Topics in Anatomy & Physiology. 1-4.
Prerequisite: C or better grade in one course from Anatomy & Physiology area.
Advanced topic in physiology that may fit the needs and interests of students and faculty. Such topics might include advances in laboratory techniques, microbial physiology and cellular physiology.

Notes: Can be taken only once for credit toward degree.

BIOL 4620 - Advanced Topics in Ecology & Evolution. 1-4.
Prerequisite: C or better grade in BIOL 3370 or BIOL 3380.
Advanced topics in ecology and evolution that may fit the needs and interests of students and faculty. Such topics might include advanced lab and field techniques, microbial ecology, evolution of specific taxa, biology of gender.

Notes: Can be taken only once for credit toward degree.

BIOL 4630 - Advanced Topics in Cell & Molecular Biology. 1-4.
Prerequisite: C or better grade in one course from cell biology area.
Advanced topics in cell or molecular biology that may fit the needs and interests of students and faculty. Such topics might include advanced genetics, microbial genetics, biology of cancer or biotechnology.

Notes: Can be taken only once for credit toward degree.

BLAW: Business Law

BLAW 2200 - Legal and Ethical Environment of Business. 3-0-3.
Prerequisite: ENGL 1101.
Covers torts, contracts, government regulation of business and the legal system. Also addresses ethical issues arising in business internal and external relationships.

BLAW 3400 - Negotiation. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 semester hours and permission of the Coles College of Business.
An examination of the theory and practice of negotiation. In addition to reviewing readings, students will participate in simulations and discuss negotiation cases to broaden their negotiating techniques.

BLAW 4100 - Advanced Business Law. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 semester hours and permission of the Coles College of Business. BLAW 2200 recommended.
A study of legislation regulating business partner-ships, corporations, commercial paper, secured transactions, sales, consumer credit and bankruptcy.

BLAW 4200 - Employment Law. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non business Majors; 60 semester hours and permission of the Coles College of Business. BLAW 2200 recommended.
A study of the influence of law on the personnel function, with special emphasis on discrimination laws and affirmative action issues. Provides an overview of various federal laws such as the National Labor Relations Act, The Fair Labor Standards Act and ERISA.

BLAW 4300 - Real Estate Law. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 semester hours and permission of the Coles College of Business. BLAW 2200 recommended.
Designed to provide the business student with an understanding of the nature, sources and principles of real estate law, and its importance in the business environment. Topics include: real property; contracts involving real estate, deeds and titles; transfer of real estate, mortgages, liens, zoning and land use controls, condemnation, real estate agents and landlord-tenant law.

BLAW 4400 - Directed Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of instructor and the Director of the School of Accountancy prior to registration; Non-business Majors: Permission of instructor, the director of the School of Accountancy, and the Coles College of Business.
Special topics of an advanced nature not in the regular course offerings.

BLAW 4490 - Special Topics In Business Law. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of instructor and the Director of the School of Accountancy; Non-business Majors: 60 semester hours and permission of instructor, the director of the School of Accountancy, and the Coles College of Business.
Selected topics of interest to faculty and students.

BLAW 4500 - Franchise Law. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 semester hours and permission of the Coles College of Business. BLAW 2200 recommended.
Designed to provide the business student with an understanding of the nature, sources and principles of franchise law and its importance in the business environment. Topics include: fundamentals of franchising, intellectual property, FTC Rules and disclosure, requirements of franchise registration and business opportunity law and earnings claims.

BLAW 4600 - International Law: Business Applications. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 semester hours and permission of the Coles College of Business. BLAW 2200 recommended.
Examines the international legal system and alter-native means of international dispute resolution. Covers laws that determine when and under what conditions companies are allowed to do business abroad. Cases used to explore choosing the most appropriate business relationship and entering the most advantageous agreement.

BLAW 4960 - Current Issues in Business Ethics and Law. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 semester hours and permission of the Coles College of Business. BLAW 2200 recommended.
An examination of contemporary issues in legal and ethical behavior in organizations. Stresses the application of ethical principles to business.

BTEC: Biotechnology

BTEC 2110 - Directed Methods I. 0-(3-9)-(1-3)
Prerequisite: BIOL 2107 and permission of the instructor.
This course will allow students to gain exposure to a range of research methodologies through direct involvement in faculty-led research or scholarship. Course content and instructional methodologies will be identified by the faculty's needs and expectations. This course may be repeated for credit.

BTEC 3110 - Directed Methods II. 0-(3-9)-(1-3).
Prerequisite: BIOL 2108 and permission of the instructor.
This course will allow students to gain in-depth skills with a specific set of research methodologies through direct involvement in faculty-led research or scholarship. Course content and instructional methodologies will be identified by the faculty's needs and expectations. A maximum of four credit hours my be applied to degree requirements.

BTEC 3301 - Introduction to Biotechnology. 3-3-4.
Prerequisite: Grade of "C" or better in BIOL 3300.
This course introduces students to the concepts, methods and equipments currently being used in the field of biotechnology including areas of food biotechnology, genetics, diagnostics, gene therapy and forensics. Students gain practical, hands-on experience with a range of commonly used techniques in biotechnology.

BTEC 3396 - Cooperative Study. 1-2.
Prerequisite: Grade of "C" or better in BTEC 3301; Approval of Biology/Physics Department Chair and Coordinator of Cooperative Education/ Internships (Career Services).
A supervised work experience program for a minimum of two academic semesters at a previously approved site in business, industry or government or a private agency. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

Notes: Can be applied to free electives only.

BTEC 3398 - Internship. 1-12.
Prerequisite: Grade of "C" or better in BTEC 3301; Approval of major area committee and Biology/ Physics Department Chair prior to registration.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency.

Notes: Credit is allowed only in elective areas.

BTEC 3399 - Seminar in Biotechnology. 1-0-1.
Prerequisite: Grade of "C" or better in BTEC 3301 or permission of instructor.
Selected topics of an current interest, to be announced.

Notes: May be taken only two times for credit.

BTEC 3400 - Drugs, Biologics, Devices and Diagnostics: Conception to Regulatory Approval. 3-0-3.
Prerequisite: Grade of "C" or better in BIOL 3300 or CHEM 3361/3361L; or approval of Biology/Physics Department Chair.
Students will be given an overview of regulatory issues and practices in biotechnology, focusing on the requirements of the FDA and USDA. Current Good Manufacturing Practice, Good Laboratory Practice, Good Clinical Practice and Hazard Analysis Critical Control Points will be discussed as applied to the conception through approval of drugs, biologics and medical devices. Students will demonstrate an understanding of procedures involved in clinical trials including record keeping, standard operating procedures, methods validation, compliance, and enforcement.

BTEC 3410 - Experimental Design & Analysis: Product Registration and Clinical Trials. 3-0-3.
Prerequisite: Grade of "C" or better in BTEC 3400 and STAT 3125.
This course provides students with an understanding of the methods used in collecting, organizing and managing data as well as an understanding of the concepts involved in Good Manufacturing Practices as related to the biotechnology industry. Issues involving study design, randomization schemes and sample size will be discussed. Operational issues in clinical trials, recruitment of participants, data collection, quality control and data monitoring are also learned. A clinical trial protocol will be written and reviewed as for regulatory submission.

BTEC 3420 - Project Management: Product Registration and Clinical Trials. 3-0-3.
Prerequisite: Grade of "C" or better in BTEC 3400 and STAT 3125.
This course provides students with an understanding of project design and management as applied to product registration and clinical trials as related to the biotechnology industry. Students develop an understanding of planning, design and team concepts along with estimating techniques. Students will learn to use Microsoft Project (or similar) software and develop proficiency in oral, written and graphic communication skills. Students will also reconcile regulatory affairs and clinical trial issues with ethical practices.

BTEC 4100 - Molecular Genetics
2 Class Hours 3 Laboratory Hours 3 Credit Hours
Prerequisite: Grade of "C" or better in BIOL 3300.
This course covers molecular genetics theory and practice, including gene structure and

function, genetic engineering, and bioinformatics. Areas of emphasis will include DNA structure, replication, and manipulation, and gene expression. Biotechnology laboratory exercises will include creating recombinant DNA, gene mapping, DNA sequencing, DNA sequence analysis, and polymerase chain reaction applications.

BTEC 4110 - Global Biotechnology-Study Abroad. 3-3-4.
Prerequisite: Grade of "C" or better in BIOL 3300.
This course provides students with a common course that deal with the key scientific, social, economic, commercial, and ethical issues that are associated with the development and growth of the biotechnology industry in the global market. This course reflects a traditional immersion experience in a host university along with extensive global travel and intercultural experiences to show, first hand, what is being studied in the classroom. More specifically students will relate the role of biotechnology and its application in industry in a global perspective. The travel component of this course is to enhance the academic and personal experience of the students along with traditional classroom work. In addition, this course will give students opportunity to learn about their chosen academic field or career choice from an international perspective, learn about communication and interactions skills with people from the host country, and establish successful relationships with others from around the world.

BTEC 4200 - Industrial Microbiology. 2-6-4.
Prerequisite: Grade of "C" or better in BIOL 3340.
This course is a detailed survey of advanced microbiological methods used in industry. Topics include biosafety issues, bacterial and fungal identification, environmental monitoring, methods validation, media preparation and sterilization, anaerobic culture techniques, quantitative methods, and fermentation in batch and continuous cultures.

BTEC 4300 - Chromosome Preparation & Analysis. 2-4-4.
Prerequisite: Grade of "C" or better in BIOL 3300 and BIOL 3327.
An extensive preparatory course designed to give students hands-on experience with the methods used in the preparation of human chromosomes. Collection techniques, culture procedures, harvesting protocol and slide preparation will be followed by analysis and interpretation of karyotypes, both normal and abnormal. Clinical implications of abnormal karyotypes will also be included as will proper use of various types of microscopes and image capture and analysis by computer.

BTEC 4310 - Cytogenetics Practicum. 0-10-5.
Prerequisite: B or better grade in BTEC 4300 and "C" or better grade in and BIOL 3327, approval by the director of the KSU Cytogenetic Technology Program.
A supervised, credit-earning work experience of two academic semesters in a clinical cytogenetics laboratory affiliated with either a university hospital or a company. The extensive clinical laboratory training includes routine cytogenetic techniques such as G-banding, as well as advanced techniques such as fluoresencet in situ hybridization (FISH) and DNA chips. Upon the completion of the internship, the student is eligible to sit for the NCA certification exam.

BTEC 4320 - Internship in Pharmaceutical, Biotechnology or Biomedical Industry. 0-7-3.
Prerequisite: Grade of "C" or better in BTEC 3410 and BTEC 3420 and approval of Biology/Physics Department chair prior to registration.
A supervised, credit-earning work experience in the Pharmaceutical, Biotechnology or Biomedical Industry. Students will work in regulatory affairs and/or clinical trials, seeing how their previous course work is actually applied in these industries. This internship is limited to those completing the Certificate Program in Regulatory Affairs and Clinical Trials.

BTEC 4400 - Directed Study. 1-4.
Prerequisite: Grade of "C" or better in BTEC 3301; Approval of instructor, major area committee and Biology/Physics Department Chair prior to registration.
Selected topics of an advanced nature, which may include original research projects.

Notes: Up to four hours may be applied to the major area.

BTEC 4455 - Case Studies in Forensic Science. 3-0-3.
Prerequisite: Grade of "C" or better in BIOL 3300; CRJU 3320 (recommended).
This course will discuss the role and application of forensic science in criminal investigations and legal proceedings. Emphasis will be placed on forensic DNA analysis but other aspects of forensic science will also be discussed.

BTEC 4460 - Methods in Forensic DNA Analysis. 1-6-3.
Prerequisite: Grade of "C" or better in BIOL 3300.
This laboratory-intensive, course will introduce students to the techniques currently used in Forensic DNA Profiling by crime labs in Georgia and across the country. Laboratory activities will include extraction and quantification of DNA from your own cheek cells, and state-of-the-art PCR-based DNA profiling methods. The course is designed to allow students to experience the full range of activities associated with the various procedures. Activities will include solution preparation, sample processing, record keeping, data interpretation, and report generation. Discussions will include the historical development of previously used DNA profiling methods, alternative procedures employed in some laboratories, and the ongoing development of new DNA profiling methods. Legal issues associated with quality control, frequency estimates, sample condition, chain of custody, and admissibility will also be presented.

BTEC 4490 - Special Topics in Biotechnology. 1-4.
Prerequisite: Grade of "C" or better in BTEC 3301; Other vary as to topic.
Selected special or cur-rent topics of interest to faculty and students. See semester schedule.

BTEC 4800 - Forensic Diagnostics: Infectious Agents. 2-3-3.
Prerequisite: Grade of "C" or better in BIOL 3340 and BTEC 3301.
The application of microscopy, antibody-based techniques and molecular probes for the detection and identification of infectious agents.

BUSA: Business Administration

BUSA 1000 - Introduction to Business. 3-0-3.
Prerequisite: Business Majors: Freshman or Sophomore standing; Non-business Majors: None.
Broad-spectrum analysis of business enterprise, its nature, environment, organization, management, operation and control procedures.

BUSA 4490 - Special Topics in Business Administration. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of instructor and department chair; Non-business Majors: Approval of instructor, department chair, and the Coles College of Business.
Selected special topics of interest to faculty and students.

CHED: Chemistry Education

CHED 4416 - Teaching Chemistry (6-12). 6-0-6.
Prerequisite: EDUC 2130, 20 credit hours of upper-division major requirements completed, admission to Teacher Education, and permission of the program coordinator.
An examination and application of learning theories, curricular issues, instructional design, and assessment strategies for teaching middle and secondary school chemistry in diverse classrooms. Candidates develop initial competencies for establishing a well-managed, productive learning environment, applying chemistry content knowledge to the task of teaching adolescents, and promoting an understanding of the nature of science through inquiry-based instruction. Emphasizes practices supported by science education research and endorsed by the NSTA. Proof of professional liability insurance is required prior to receiving school placements in the corequisite practicum.

CHED 4417 - Teaching Chemistry (6-12) Practicum. 0-9-3.
Prerequisite: Admission to CHED 4416.
Middle and secondary school field experience in teaching chemistry with concurrent seminars. Proof of professional liability insurance is required prior to school placements.

CHED 4475 - Student Teaching Chemistry (6-12). 0-36-12.
Prerequisite: Admission to Student Teaching.
Full-time teaching experience in chemistry under the supervision of a secondary school cooperating teacher and a college science education supervisor. Includes regularly scheduled seminars.

CHEM: Chemistry

CHEM 1151 - Survey of Chemistry I. 3-0-3.
Prerequisite: MATH 0099 and READ 0099 (if required). Corequisite: CHEM 1151L.
General principles of atomic structure, bonding, reaction, solutions, equilibria as required for a basic understanding of physiological applications. A brief introduction to organic compounds which are of particular importance in pharmacological applications.

CHEM 1151L - Survey of Chemistry I Laboratory. 0-3-1.
Corequisite: CHEM 1151.
Laboratory course to study and apply topics and concepts covered in CHEM 1151.

CHEM 1152 - Survey of Chemistry II. 3-0-3.
Prerequisite: C or better grade in CHEM 1151. Corequisite: CHEM 1152L.
A study of the classes of organic molecules including their common uses and physical and chemical properties. An introductory look at the structure and function of biological macromolecules.

CHEM 1152L - Survey of Chemistry II Laboratory. 0-3-1.
Prerequisite: C or better grade in CHEM 1151L. Corequisite: CHEM 1152.
Laboratory course to study and apply the topics and concepts covered in CHEM 1152.

CHEM 1211 - General Chemistry I. 3-0-3.
Prerequisite: High school chemistry or CHEM 1151. Corequisite: CHEM 1211L, MATH 1113 or MATH 1112.
First course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Course content includes electronic structure of atoms and molecules, bonding fundamentals, fundamentals of chemical reactions, and gas laws.

CHEM 1211L - General Chemistry I Laboratory. 0-3-1.
Prerequisite: None. Corequisite: CHEM 1211, MATH 1113.
First laboratory course in general chemistry. Designed to introduce the student to the application of cognitive skills utilizing chemical knowledge in the laboratory.

CHEM 1212 - General Chemistry II. 3-0-3.
Prerequisite: C or better grade in CHEM 1211. Corequisite: CHEM 1212L, MATH 1190.
Second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Course content includes chemical kinetics, chemical thermodynamics, liquids and solids, properties of solutions, chemical equilibrium, acids and bases, electrochemistry, and qualitative analysis.

CHEM 1212L - General Chemistry II Laboratory. 0-3-1.
Prerequisite: C or better grade in CHEM 1211, CHEM 1211L. Corequisite: CHEM 1212.
Second laboratory course in general chemistry. Designed to continue the application of cognitive skills utilizing chemical knowledge in the laboratory including qualitative analysis techniques.

CHEM 2050 - Introduction to Directed Research. 0-(3-9)-(1-3).
Prerequisite: A grade of "C" or better in CHEM 1211 and CHEM 1211L and permission of the instructor.
This course enables freshmen and sophomores to conduct an applied research project that is directed by a faculty member. Students may earn between one and three credits per semester and this course may be repeated for up to a total of five credit hours only.

CHEM 2100 - Forensic Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 1211, CHEM 1211L. Corequisite: CHEM 2100L.
Course content includes: the scope of forensic chemistry; types of physical evidence, processing a crime scene; application of chemistry techniques in the identification and analysis of physical evidence (drugs, blood, fire residues, glass, soil, ink, etc); forensic toxicology and forensic aspects of arson.

CHEM 2100L - Forensic Chemistry Lab. 0-3-1.
Prerequisite: C or better grade in CHEM 1211, CHEM 1211L. Corequisite: CHEM 2100.
Students will use chemistry to analyze crime-scene samples. Hands-on activities will be related to glass and drug identification, trace evidence, breath and ink analyses and blood typing. Techniques such as chromatography, ultraviolet-visible and infrared spectroscopy, refractive index measurement, breath-analyzers, blood-typing kits, will be used.

CHEM 2800 - Quantitative Analytical Chemistry. 3-0-3.
Prerequisite: C or better grade in both CHEM 1212 and MATH 1190. Corequisite: CHEM 2800L.
Introduction to statistics. The use of spreadsheets. Principles of gravimetric and volumetric analysis. Concepts of chemical equilibria as applied to acid-base, precipitation, and complex ion reactions. Electrochemistry and potentiometry. Ultraviolet - visible spectroscopy. Introduction to modern chromatographic separations.

CHEM 2800L - Quantitative Analytical Chemistry Laboratory. 0-4-1.
Prerequisite: CHEM 1212L. Corequisite: CHEM 2800.
Laboratory experiments include: gravimetric analysis, precipitation, complexiometric, and reduction-oxidation titrations; potentiometric applications; calibration techniques using ultraviolet - visible spectroscopy. Tutorials on the application of spreadsheets.

CHEM 3000 - Chemical Literature. 3-0-3.
Prerequisite: C or better grade in CHEM 3361.
An exploration of the process and practice of chemical research that leads to publication. An introduction to resources and methods for searching the chemical literature.

CHEM 3010 - Medicinal Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3501 or CHEM 3500.
This course covers fundamentals of pharmacology such as drug discovery/development and pharmacokinetics, with emphasis given to the role of chemistry and biochemistry in these areas. A main focus of the course will be how drugs function at the molecular level. Examples will be chosen from drugs that target enzymes, receptors, and DNA.

CHEM 3030 - Pharmaceutical Analytical Chemistry. 3-0-3.
Prerequisite: "C" or better in CHEM 3362, CHEM 3362L, and MATH 1190. Corequisite: CHEM 3030L.
This course describes the major techniques used in the analysis of pharmaceuticals following the United States Pharmacopeia. The topics include quality control, physical and chemical properties of drug molecules and various chemical analysis including classical methods, spectroscopy, and chromatography.

CHEM 3030L - Pharmaceutical Analytical Chemistry Laboratory. 0-3-1.
Prerequisite: "C" or better in CHEM 3362, CHEM 3362L, and MATH 1190. Corequisite: CHEM 3030.
This course provides hands-on experience in the laboratory of the major techniques used in the analysis of pharmaceuticals following the United States Pharmacopeia. The laboratory experiments involve the analysis of drug molecules by dissolution, titration, molecular spectroscopy, atomic spectroscopy, GC, and HPLC including methods of extraction and thermal methods of analysis.

CHEM 3050 - Physical Chemistry. 3-0-3.
Prerequisite: A grade of "C" or better in PHYS 2212 (or concurrent enrollment), MATH 2201, CHEM 2800, and CHEM 2800L.
This one semester course in physical chemistry provides a survey of thermodynamics, chemical equilibria, and kinetics. It also includes an introduction to the quantum mechanical principles important in understanding molecular spectroscopy and molecular modeling.

CHEM 3105 - Inorganic Chemistry. 3-0-3.
Prerequisite: A grade of "C" or better in CHEM 3050 or CHEM 3601. Corequisite: CHEM 3105L.
In-depth study of concepts and theories of inorganic chemistry. Topics include atomic structure, bonding, coordination chemistry, reaction mechanisms, symmetry, and a general survey of descriptive inorganic chemistry.

CHEM 3105L - Inorganic Synthesis. 0-3-1.
Prerequisite: None. Corequisite: CHEM 3105.
Laboratory course to introduce the concepts and practices of inorganic synthetic chemistry. Emphasis is on the synthesis, characterization, reactivity, structure, and other properties of the inorganic compounds and complexes. The course introduces standard methodology for the synthesis and characterization of compounds.

CHEM 3110 - Bioinorganic Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3050. Corequisite: CHEM 3110L.
General aspects of bioinorganic chemistry will be discussed including physical methods, roles of metals in biological systems, classes of metalloproteins and metalloenzymes, and metals in medicine. The primary focus is on understanding how metals make a variety of biological functions possible through their unique properties.

CHEM 3110L - Bioinorganic Chemistry Laboratory. 0-3-1.
Corequisite: CHEM 3110.
The aim of this laboratory is to integrate concepts from biology and inorganic chemistry by performing experiments that lie at the interface of these two disciplines. Lecture topics will be reinforced through experiments covering synthesis and analysis of bioinorganic model com-pounds, enzyme activity as it relates to metal availability, and metal therapeutics.

CHEM 3120 - Descriptive Inorganic Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3050. Corequisite: CHEM 3105L.
General aspects of inorganic chemistry including bond theory, periodicity, acid-base chemistry, energetics, reaction mechanisms, model systems, kinetics, redox chemistry, and descriptive chemistry of the elements with primary focus of taking students from the introductory principles of chemistry to a broader and deeper level of understanding of the chemistry across the periodic table.

CHEM 3200 - Culture and Chemistry. 2-3-3.
Prerequisite: A grade of "C" or better in CHEM 3361.
This global learning course will expose students to the predominant chemistry conducted in the host country at the university level, as well as in industry. The culture, history, and lifestyle of the host country population will be experienced through visits to museums, landmarks, restaurants and/or historical sites. Other scientific locations of interest will also be visited to increase the interdisciplinary nature of the science to which students are exposed.

CHEM 3361 - Modern Organic Chemistry I. 3-0-3.
Prerequisite: C or better grade in CHEM 1212. Corequisite: CHEM 3361L.
The first of a two-semester course sequence in modern organic chemistry, this course involves a study of structure, properties, synthesis and reactions of basic organic compounds using modern structural and mechanical theories.

CHEM 3361L - Modern Organic Chemistry Lab I. 0-3-1.
Prerequisite: C or better grade in CHEM 1212L. Corequisite: CHEM 3361.
Laboratory experiments designed to introduce the students to modern experimental method used in organic chemistry for separation of mixture, purification of compounds, and reactions illustrating single functional group transformation.

CHEM 3362 - Modern Organic Chemistry II. 3-0-3.
Prerequisite: C or better grade in CHEM 3361. Corequisite: CHEM 3362L.
The second of a two-semester course sequence in modern organic chemistry, this course involves a study of structure, properties, synthesis and reactions of basic organic compounds using modern structural and mechanical theories.

CHEM 3362L - Modern Organic Chemistry Lab II. 0-3-1.
Prerequisite: C or better grade in CHEM 3361L. Corequisite: CHEM 3362.
Laboratory experiments designed to introduce the students to modern experimental methods used in organic chemistry synthesis, characterization of compounds, and multi step synthesis of useful target-compounds from readily available starting material.

CHEM 3396 - Cooperative Study. 1-3.
Prerequisite: Approval of coordinator of cooperative education/internship.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency.

Notes: Credit is allowed only in elective areas.

CHEM 3398 - Internship. 1-10.
Prerequisite: Approval of internship coordinator and chair.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency.

Notes: Credit is allowed only in elective areas.

CHEM 3400 - The Teaching and Learning of Chemistry. 3-0-3.
Prerequisite: CHEM 3361 with a grade of "C" or better.
An introduction to the methods of effective chemistry teaching in both the classroom and laboratory settings. Current chemical education research literature on topics such as theories of teaching, active learning strategies, misconceptions, multiculturalism, laboratory design, demonstrations, and assessment will be introduced and discussed. Class meetings will include hands-on activities where demonstrations and laboratory investigations are designed, enacted, and assessed as well as discussions about research-based best practices in the presentation of chemistry concepts to diverse student populations. Time will also be devoted to ensuring that essential chemistry content such as electro chemistry, thermodynamics, kinetics, and bonding are thoroughly understood so that they can be communicated effectively in the classroom.

CHEM 3450 - Peer Leading in Chemistry. 2-0-2.
Prerequisite: CHEM 3361 or instructor consent.
The purpose of this course is to support and prepare students for the role of peer leader. Peer leaders work with small groups of students that are enrolled in introductory chemistry courses on a weekly basis. The course involves training in pedagogical techniques and a review of relevant chemistry concepts. Emphasis is made on reflective practices within the peer led setting. Enrollment by permit only.

CHEM 3500 - Biochemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3362.
This course is a one-semester, lecture-only biochemistry course. Concepts covered include the structure and function of biomolecules, membranes, enzyme kinetics, metabolism and bioenergetics, as well as biological information flow. Intended for chemistry, biology, or biotechnology majors.

Notes: Biochemistry majors are required to take CHEM 3501/L and CHEM 3502.

CHEM 3500L - Biochemistry Laboratory. 0-3-1.
Prerequisite: C or better grade in CHEM 3362L. Corequisite: CHEM 3500.
This laboratory serves as an introduction to biochemistry laboratory techniques and includes biochemical applications of spectroscopy, electrophoresis and chromatography. CHEM 3500L is a laboratory companion to CHEM 3500 and is taken by general chemistry, forensic, professional, and chemistry education track chemistry majors and others needing a one semester biochemistry course with laboratory. This laboratory is not intended for biochemistry majors.

CHEM 3501 - Biochemistry I: Structure and Function of Biological Macromolecules. 3-0-3.
Prerequisite: C or better grade in CHEM 2800 and CHEM 3362. Corequisite: CHEM 3501L.
Chemistry and biochemistry of macromolecules: proteins, carbohydrates, lipids, and nucleic acids. Introduction to enzymes.

CHEM 3501L - Biochemistry I Laboratory. 0-3-1.
Prerequisite: C or better grade in CHEM 2800L and CHEM 3362L. Corequisite: CHEM 3501.
Introduction to biochemistry laboratory techniques including centrifugation, chromatography, electrophoresis, spectroscopy, and exploration of bimolecular structure using computer graphics.

CHEM 3502 - Biochemistry II: Metabolism. 3-0-3.
Prerequisite: C or better grade in CHEM 3501.
A detailed study of enzyme mechanisms, thermodynamics, and major metabolic pathways, including carbohydrate, lipid, and amino acid metabolism.

CHEM 3540L - Advanced Biochemistry Laboratory. 0-6-2.
Prerequisite: C or better grade in CHEM 3501L.
Laboratory course intended for students who plan to work in an industrial setting or attend graduate school in one of the biosciences. This laboratory combines the techniques from

Biochemistry I Laboratory (CHEM 3501L) in a realistic, applied way to solve multi-step problems.

CHEM 3601 - Physical Chemistry I: Atomic and Molecular Structure and Spectroscopy. 3-0-3.
Prerequisite: A grade of "C" or better in CHEM 2800, CHEM 2800L, and PHYS 2212. Corequisite: CHEM 3601L.
This course provides an introduction to quantum mechanics and its application to selected chemical systems, atomic structure, chemical bonding, atomic, rotational, vibrational, and electronic spectroscopy. This course also provides an introduction to statistical mechanics.

CHEM 3601L - Physical Chemistry Lab I. 0-3-1.
Prerequisite: C or better in CHEM 2800/L, PHYS 2211, and MATH 2202. Corequisite: CHEM 3000, CHEM 3601.
Laboratory methods in physical chemistry.

CHEM 3602 - Physical Chemistry II: Reaction Kinetics and Thermodynamics. 3-0-3.
Prerequisite: A grade of "C" or better in CHEM 3601. Corequisite: CHEM 3602L.
CHEM 3602 is the second in a two-semester sequence covering physical chemistry, and has its primary emphasis on chemical thermodynamics, reaction kinetics and dynamics, statistical thermodynamics. The course includes physical and chemical properties of real and ideal gases, the laws of thermodynamics and their application to physical and chemical systems, treatment of phase equilibria and chemical equilibria, and extends the application of quantum mechanics to thermodynamics in the development of statistical thermodynamics.

CHEM 3602L - Physical Chemistry Lab II. 0-3-1.
Prerequisite: C or better grade in CHEM 3601L. Corequisite: CHEM 3602.
Continuation of CHEM 3601L.

CHEM 3700 - Environmental Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3361.
This course will cover the environmental chemistry involving the transport, distribution, reactions, and speciation of inorganic, organometallic and organic chemicals occurring in the air, soil and water environments at the local, national and global scale. Environmental transformations and degradation processes, toxicology, pollution and hazardous substances will be discussed.

CHEM 3710L - Environmental Chemistry Lab. 0-3-1.
Prerequisite: C or better grade in CHEM 3361L.
This laboratory course is designed to teach sampling, environmental analysis, data handling, systems modeling, specialized instrumental techniques, and field techniques related to atmospheric, geologic, and freshwater environmental chemistry. Additionally, team research projects will be designed to address a specific question related to the topics mentioned above.

CHEM 3800 - Forensic Analytical Chemistry. 3-0-3.
Prerequisite: C or better in CHEM 2800 and CHEM 3362.
This course covers fundamental topics of forensic analytical chemistry including statistics and data quality, sample preparation, drugs (pharmacology and toxicology), arson and the chemistry of combustion, and trace chemical evidence. Throughout the course, emphasis is placed on modern chemical instrumentation as applied to forensic casework.

Notes: Students on the Forensic Chemistry track must take this course with CHEM 3800L.

CHEM 3800L - Forensic Analytical Chemistry Lab. 0-3-1.
Corequisite: CHEM 3800.
Students will use modern chemical instrumentation to analyze simulated crime scene samples. Activities related to drug identification, arson debris analysis, and trace chemical analysis will be performed. Laboratory experiments will be designed to introduce students to the types of samples and analytical methodology encountered in a working crime lab.

CHEM 4000 - Service Learning in Chemistry. 1-3.
Prerequisite: 60 hours and permission of instructor and department chair/program director.
A community activity which links learning to life by connecting meaningful community service activities with academic learning, personal growth, and civic responsibility. Activity will be designed with the instructor and approved by the chair/program director.

CHEM 4100 - Directed Applied Research. 1-5.
Prerequisite: Junior level status; consent of instructor and chair.
Applied research project directed by a faculty member.

CHEM 4110 - Advanced Topics in Inorganic Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3100, CHEM 3602.
Survey of modern inorganic chemistry and current theories concerning atomic structure, bonding, coordination chemistry, spectroscopy including a discussion of symmetry and group theory as they apply to the characterization of inorganic com-pounds, ligant field theory and other topics.

CHEM 4300 - Instrumental Analytical Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 2800 and "C" or better grade in CHEM 3050 or CHEM 3601. Corequisite: CHEM 4300L.
Introduction to chemometrics. Theoretical principles and uses of modern instrumental methods covering: spectroscopy, electroanalysis, and chromatographic separations.

CHEM 4300L - Instrumental Analytical Chemistry Laboratory. 0-4-1.
Prerequisite: CHEM 2800L. Corequisite: CHEM 4300.
Laboratory experiments include: calibration techniques for analyzing single-component and multicomponent systems, application of spectroscopy (UV-VIS, AAS), electroanalysis (different forms of voltammetry), chromatographic separations (LC, GC) in quantitative and qualitative analysis.

CHEM 4310 - Advanced Topics in Analytical Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3602.
Advanced theories and methods in analytical chemistry emphasizing newer analytical methods in practice in modern laboratories.

CHEM 4400 - Directed Study. 1-5.
Prerequisite: Approval of instructor, major area committee and department chair prior to registration.
Up to five hours may be applied to the major area. Special topics of an advanced nature that are not in the regular course offerings.

CHEM 4420 - Identification of Organic Compounds. 3-0-3.
Prerequisite: C or better grade in CHEM 3362.
Advanced study of common spectrometric techniques for identifying organic compounds. Emphasis on interpretation of data obtained from Infrared Spectroscopy (IR), Mass Spectrometry and Nuclear Magnetic Resonance (NMR), including two-dimensional NMR.

CHEM 4430 - Advanced Topics in Organic Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3362.
Advanced topics in organic chemistry as may fit the needs and interest of the students and faculty. Such topics might include stereochemistry, physical organic chemistry, heterocycles.

CHEM 4430L - Advanced Topics in Organic Chemistry Lab. 0-3-1.
Prerequisite: C or better grade in CHEM 3362L. Corequisite: CHEM 4430.
Laboratory experiments designed to teach students the process of design, planning, and implementation of organic synthesis and the characterization of compounds using classic analytic methods and modern spectroscopic techniques.

CHEM 4440 - Polymer Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3362.
Topics in modern polymer chemistry including synthesis, kinetics, characterization, and uses.

CHEM 4500 - Methods in Nucleic Acid and Protein Biochemistry. 2-3-3.
Prerequisite: CHEM 3501 and CHEM 3501L, and BIOL 3300.
This course covers the chemical aspects of biochemical techniques routinely performed in the study of DNA, RNA, and protein. This course will build upon and complement the information on proteins and enzymes covered in biochemistry courses and the basic understanding of DNA, RNA, replication, transcription, and translation that students learn in biochemistry, genetics and other biology courses. The laboratory component of this course provides an opportunity for multi-week projects that combine methods learned in previous courses with new methods, and as such it serves as a capstone experience in biochemical methodology.

CHEM 4510 - Advanced Topics in Biochemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3501.
Topics relating to the chemistry of metabolic processes in living organisms.

CHEM 4620 - Advanced Topics in Physical Chemistry. 3-0-3.
Prerequisite: C or better grade in CHEM 3602.
Advanced topics in physical chemistry with emphasis in such areas as quantum mechanics, statistical mechanics, kinetics, and molecular spectroscopy.

CHNS: Chinese

CHNS 1001 - Introduction to Chinese Language and Culture I. 3-0-3.
Prerequisite: ENGL 0099, READ 0099, if required.
Introduction to Chinese language and culture, stressing progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of Chinese culture.

Notes: Not open to native speakers of Chinese.

CHNS 1002 - Introduction to Chinese Language and Culture II. 3-0-3.
Prerequisite: One year of high school Chinese or CHNS 1001 or the equivalent.
Introduction to Chinese language and culture, Part II, stressing continued progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of Chinese culture.

Notes: Not open to native speakers of Chinese.

CHNS 2001 - Intermediate Chinese Language and Culture I. 3-0-3.
Prerequisite: Two years of high school Chinese or CHNS 1002 or the equivalent.
Students continue to develop proficiency in listening, speaking, reading and writing in Chinese and learn to communicate in culturally appropriate ways.

Notes: Not open to native speakers of Chinese.

CHNS 2002 - Intermediate Chinese Language and Culture II. 3-0-3.
Prerequisite: Three years of high school Chinese or CHNS 2001 or the equivalent.
Students continue to increase linguistic and cultural proficiency through the use of a variety of materials and activities.

Notes: Not open to native speakers of Chinese.

CHNS 3200 - Critical Reading and Applied Writing. 3-0-3.
Prerequisite: CHNS 2001 or the equivalent.
CHNS 3200 is a study of selected readings of signs, news, and literary and cultural works to increase vocabulary, enhance grammar skills, and develop reading skills. Designed to give students extensive experience in reading Chinese.

CHNS 3302 - Practical Conversation. 3-0-3.
Prerequisite: CHNS 2001 or the equivalent.
CHNS 3302 stresses expansion of effective listening comprehension and speaking skills through culturally and linguistically appropriate activities.

CHNS 3303 - Grammar and Composition. 3-0-3.
Prerequisite: CHNS 2001 or the equivalent.
CHNS 3303 is a general review of grammar and composition and other writing activities, such as summaries, correspondence, descriptions, narration, literary analysis, and other rhetorical and culturally appropriate forms.

COM: Communication

COM 1109 - Human Communication. 3-0-3.
Prerequisite: ENGL 0099, READ 0099, if required.
Human Communication is an introduction to the fundamental components of the human communication process. The course provides a basic history of the communication discipline. Course content begins with ancient rhetoric and traces the communication discipline's history to its classification as a modern social science. The course emphasizes selected methods and practice in dyadic, small group, and oral presentational settings. Course content also covers communication models, organizational communication, mass communication, intercultural communication, and forms of inquiry.

COM 2033 - Visual Communication. 3-0-3.
Prerequisite: ENGL 1101 and ENGL 1102.
COM 2033 is an introduction to visual communication using perceptual, physiological, psychological, cultural, and semiotic concepts. The course focuses on visual awareness and processing as key elements in effective communication.

COM 2129 - Public Speaking. 3-0-3.
Prerequisite: All developmental studies courses, if required.
COM 2129 covers methods and practice in effective oral communication with an emphasis on speech preparation and presentation.

COM 2135 - Writing for Public Communication. 3-0-3.
Prerequisite: ENGL 1101 and 1102.
COM 2135 covers application and practice of writing form and style particular to communication industry careers, such as journalism, public relations and human resource areas. Includes weekly writing assignments.

COM 2205 - Introduction to Organizational Communication. 3-0-3.
Prerequisite: COM 2129 and COM 2135.
An introduction to methods and applications of basic theories, interactive structures, and directions within various organizational environments.

COM 2230 - Introduction to Mass Communication. 3-0-3.
Prerequisite: COM 2129 and COM 2135.
COM 2230 is a survey of the various genres of mass media such as books, magazines, newspapers, radio, television, film, Internet and others. Examines the development, roles, functions, problems and criticisms of specific media from a global context.

COM 2290 - Special Topics. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099, if required.
Students will explore selected special topics relevant to the mission of the Department of Communication.

COM 3310 - Concepts in New Media. 3-0-3.
Prerequisite: COM 2230 or permission of instructor, if not a communication major.
An analysis of the content, process and distribution of new media, including Web-based, network-based, and CD-ROM based products. Students will examine, evaluate and prepare material for informational, educational, and/or entertainment new media as well as explore the process of computer-assisted communication.

COM 3315 - Interviewing. 3-0-3.
Prerequisite: ENGL 1102.
Methods and practice in situational interviewing, including selection, sales, journalistic and media interviews. Examines roles and functions of both interviewee and interviewer.

COM 3320 - Health Communication. 3-0-3.
Prerequisite: COM 1109 and 60+ credit hours.
This course introduces theoretical and applied aspects of health communication. Current health issues will be examined in varied communication contexts, such as interpersonal, group, organizational, and mediated communication. This course analyzes provider-patient communication, intercultural communication and health beliefs, and health messages in the media. A variety of contemporary public health issues will be presented. The course also examines the effectiveness of prevention messages using identified communication strategies.

COM 3324 - Contemporary Issues in Mass Media. 3-0-3.
Prerequisite: COM 2230.
Exploration and analysis of evolving and emerging issues in mass media, including economic, regulatory and technological developments and trends.

COM 3325 - Intercultural Communication. 3-0-3.
Prerequisite: ENGL 1102.
A study of cultural and communication variables that impact the interaction process between peoples. Intercultural communication is examined during the time communication participants share ideas, information, persuasion and emotions.

COM 3330 - News Reporting and Writing. 3-0-3.
Prerequisite: COM 2205 or COM 2230.
COM 3330 is an introduction to the ways and means of developing, gathering, writing and editing factual and editorial copy. The course examines news personnel functions, reporting and interviewing techniques, ethical and legal considerations, along with news-writing practice surrounding the above.

COM 3335 - Public Relations Principles. 3-0-3.
Prerequisite: COM 2205 or COM 2230 or permission of instructor, if not a communication major.
An introduction to the history, role, and functions of public relations, including public relations theory, ethics, and industry and career issues.

COM 3340 - Digital Media Production. 3-0-3.
Prerequisite: COM 2230 or COM 2205 and IS 2101.
COM 3340 focuses on the application and impact of digital media technology and how it has changed the production experience in a journalistic context. The course addresses the principles of shooting, sound characteristics, ergonomics, and basic techniques for field recording (time-code, miking, shot composition, and mixing). Audio and video formats are examined in the context of non-linear post-production.

COM 3345 - Group Communication. 3-0-3.
Prerequisite: COM 2205 and 60+ credit hours or permission of instructor, if not a communication major.
COM 3345 is a study of input, process and output variables in small group discussion. The emphasis on participation, observation and evaluation of various discussion methods.

COM 3355 - Public Relations Cases. 3-0-3.
Prerequisite: COM 3335.
COM 3355 examines basic roles and functions of messaging strategy in promoting organizational goals. A case study approach will emphasize theory and methods for effective communication with diverse organizational publics, including the mass media, employees, consumers, financial stakeholders and special interest groups.

COM 3360 - Photojournalism. 3-0-3.
Prerequisite: COM 3330.
COM 3360 introduces the fundamentals of how still photography is used to document our world in a public sphere. The course covers the skills, theory, aesthetics and ethics of newspaper, magazine and online photojournalism. Visual storytelling from a single picture to a multi-image photo essay is explored. A digital portfolio is to be produced and presented at the end of the term.

Notes: Personal digital camera required.

COM 3366 - Nonverbal Communication. 3-0-3.
Prerequisite: ENGL 1102.
A comprehensive review of communication without the use of words. Examines the research on body movement, territory, and environmental design, touch, eye behavior, vocal attractiveness, time use, deception, and body alterations such as attire.

COM 3375 - Public Relations Writing. 3-0-3.
Prerequisite: COM 3335.
COM 3375 offers practice in writing public relations applications, including news releases, public service announcements, and newsletter articles. Students will create a portfolio of writing samples.

COM 3376 - Interpersonal Communication. 3-0-3.
Prerequisite: ENGL 1102.
Theory and application of communication concepts involving interpersonal relationships and contexts.

COM 3398 - Internship in Communication. 1-9.
Prerequisite: Approval of departmental internship coordinator and eligibility based on the following criteria: junior standing (60+ credit hours) at least a 2.5 GPA, and at least one semester of communication coursework successfully completed at Kennesaw State University.
A supervised, credit-earning work experience of approximately one semester with a previously approved business firm, private agency, or government agency. Up to nine communication internship hours may be earned for credit. To help students build their resume, a maximum of six credit hours may be earned at one internship site per semester. If a student chooses a second internship, he or she must take an internship with another organization.

COM 3429 - Persuasion Methods and Strategies. 3-0-3.
Prerequisite: ENGL 1102.
This course provides a study of the theories, methods, applications and implications of persuasion from the days of Aristotle to today's political and commercial arenas. The course explores the practice of changing attitudes and opinions via non-coercive means.

COM 3435 - Communication Research Methods. 3-0-3.
Prerequisite: COM 2205 or COM 2230.
COM 3435 is an introduction to the nature of academic inquiry in communication, the basic structure and methodology of professional

and academic research, and the resources available for access to published research.

COM 3459 - Communication and Conflict. 3-0-3.
Prerequisite: COM 1109 and 60+ credit hours.
COM 3459 introduces a model of effective conflict management in organizations and other contexts via appropriate communicative strategies. The model proposes that our perspective of dealing with conflict determines our approach to conflict situations. This course will provide students with practical knowledge for understanding the benefits of conflict, recognizing its evolution, and applying various strategies for dealing with different people in a variety of contexts.

COM 4100 - Directed Applied Research. 1-3.
Prerequisite: COM 3435 and consent of the instructor and chair.
COM 4100 offers students an opportunity to investigate communication-oriented concepts and issues by assisting in faculty-led research or scholarship. Course content and instructional methodologies are identified by the faculty's needs and expectations.

Notes: The amount of work expected per student is based on the number of assigned credit hours.

COM 4344 - Organizational Training and Development. 3-0-3.
Prerequisite: COM 2205 and 60+ hours or permission of instructor, if not a communication major.
COM 4344 covers methods and practice in communication training and development for organizations including pre-assessment, writing objectives, training techniques, post-training evaluation, feedback, implementation. The emphasis is on communication processes and outcomes for the trainer and trainee plus communication skill development within training modules.

COM 4400 - Directed Study. 1-3.
Prerequisite: 60+ credit hours.
Specific topics of an advanced nature not in the regular course offerings.

COM 4405 - Organizational Publications. 3-0-3.
Prerequisite: COM 2135.
Explores the nature and role of organizational publications; the analysis of their form and function; writing and editing news and feature material for such publications; and the selection and coordination of graphic support and production of resources.

COM 4410 - Investigative Reporting. 3-0-3.
Prerequisite: COM 3330.
This course teaches students how to move beyond basic news reporting and how to develop strong story ideas, report them thoroughly and write them in compelling and impactful ways. The course examines how to uncover electronic and paper-based documents and use open records laws as part of investigative journalism.

COM 4415 - Topics in Public Relations. 1-3.
Prerequisite: COM 3335 or permission of the instructor.
This course will offer theoretical and applied approaches to public relations strategies and tactics needed by public relations professionals. Sample topics may include media relations, social media and public relations, special events coordination, entertainment public relations, and ethics and public relations. Semester topics will vary. This course may be taken up to two times for a total of six credit hours as long as the course content differs each semester the course is taken.

COM 4420 - Advanced Media Writing. 3-0-3.
Prerequisite: COM 3330 or permission of instructor, if not a communication major.
The course includes methods and practices for writing print and Internet style long-form feature stories. The course focuses on in-depth interviewing skills and query letter writing, as well as understanding multimedia storytelling.

COM 4424 - Uses and Effects of Mass Media. 3-0-3.
Prerequisite: COM 2230 and COM 3324.
Examines research findings and commentary about mass media impact and use in the United States. An exploration of what mass media "do" to users and what users "do" with the mass media, and why these effects and uses are thought to occur. Useful for students interested in graduate work in mass media, professional media careers, media literacy, or more conscientious use of mass media and awareness of possible effects on themselves or others.

COM 4425 - Gender, Race and Media. 3-0-3.
Prerequisite: COM 2230 or permission of the instructor, if not a communication major.
An examination of mass media portrayals of gender and race, from years past to present. Students will analyze media artifacts, identify recurring themes, and explore research about the societal effects of stereotypical media portrayals.

COM 4430 - Media Management. 3-0-3.
Prerequisite: COM 2230 or permission of instructor, if not a communication major.
A comprehensive examination and analysis of the structure, personnel, planning, operations, economics and editorial broadcast, production, advertising, and public relations companies as well as new media.

COM 4440 - Leadership Communication. 3-0-3.
Prerequisite: COM 3435 and either COM 2205 or COM 2230, or permission of the instructor for non-majors.
Leadership Communication distinguishes leadership as an influential message-centered process. Based on this perspective, the course examines the variables of message exchange (communicator role, message content and meaning, media, context, and culture) as they impact organizational goal achievement. Eight major communication approaches are used to explain leadership. Special attention is given to understanding communication theory and extending social science research.

COM 4444 - Film and Video Structure and Process. 3-0-3.
Prerequisite: 60+ credit hours.
An examination of the television and motion picture industries, covering such factors as development, pre-production, the production process, post-production and distribution. Emphasis will be placed on the managerial aspects of the process and will include the institutional/instructional video market.

COM 4445 - Advanced Digital Audio Production. 3-0-3.
Prerequisite: COM 3330 and COM 3340, 90+ credit hours,
Advanced Digital Audio Production focuses on producing, writing and storytelling for audio in a journalistic context. The course is designed to teach students how to write scripts and produce radio promotions, commercials and news stories. The course surveys trends in the radio industry including traditional broadcast, digital, and satellite radio as well as podcasting and audio streaming of content.

COM 4450 - Advanced Digital Video Production. 3-0-3.
Prerequisite: COM 3330 and COM 3340.
COM 4450 is designed to teach students electronic field production, including single and multiple camera operations; advanced field camera operations; tape-to-tape editing; editing techniques; single/multiple camera continuity, and scripting in a journalistic context. The students must have a fundamental understanding of production operations before enrollment.

COM 4455 - Organizational Communication Audit (Capstone). 3-0-3.
Prerequisite: COM 2205 and COM 3435 and 90+ credit hours.
COM 4455 is the study and application of the organizational communication assessment process used by consultants, trainers and managers. In this capstone course, students will conduct a communication audit for a local company and develop a written analysis of the organization's internal communication patterns.

Notes: Capstone course to be taken last in concentration.

COM 4460 - Crisis Communication. 3-0-3.
Prerequisite: COM 3435 plus 60 credit hours, or permission of instructor for non-majors.
COM 4460 provides students insights regarding key concepts, theoretical perspectives, essential skills and abilities, and critical thinking and problem solving skills necessary for effective crisis management within organizations. Topics will include issues management, risk management, relationship management, crisis planning and preparation, case studies, and developing crisis management plans.

COM 4465 - Public Relations Campaigns (Capstone). 3-0-3.
Prerequisite: COM 3435, COM 3375, and 90+ credit hours.
COM 4465 is the study and application of the campaign planning process from inception to evaluation. The class functions as an agency, and student groups develop a strategic communication campaign plan for a campus or community organization.

Notes: Capstone course to be taken last in concentration.

COM 4470 - Media Law. 3-0-3.
Prerequisite: COM 2230 and POLS 1101.
An in-depth examination of the existing legal structure within which the media operates and the antecedent statutory and case law through which this structure has evolved. Also addresses ethical concepts and considerations surrounding the media.

COM 4480 - Communication Theory. 3-0-3.
Prerequisite: COM 3435 and 60+ credit hours.
COM 4480 is an in-depth and diversified examination of various theories analyzing and describing the human communication process from different perspectives, including interpersonal, organizational and mass communication.

COM 4485 - Media Studies Capstone. 3-0-3.
Prerequisite: COM 4424and COM 4480.
COM 4485 is a seminar format of extensive readings and class discussions about mass media in order to examine theoretical and methodological concerns and their implications for our understanding of media in society. The course culminates in a research paper that integrates, critiques, extends and applies knowledge gained from the readings and the student's prior media studies. Students present the results of their research and contribute to substantive discussions of the presentations by all other students in the course.

COM 4488 - Multi-Media Visions of Community (Capstone). 3-0-3.
Prerequisite: COM 3435 and one of the following: COM 4445, COM 3360, or COM 4450.
COM 4488 is informed by social networking and civic, citizen and community journalism applications and theories. Student driven teams produce multi-media journalistic reflections of community life and institutions. The students, ideally working with diverse sets of community members, choose the best methods, tools and platforms for telling their stories and justifying their choices. This is the capstone course showcasing what students have learned in the Journalism and Citizen Media concentration.

COM 4490 - Special Topics in Communication. 3-0-3.
Prerequisite: 45+ credit hours.
Selected special topics of interest to faculty and students.

COM 4495 - Public Relations Study Tour. 3-0-3.
Prerequisite: 60+ credit hours and COM 3335; if COM 3335 has not been completed, permission of instructor is necessary.
This course offers students the opportunity to learn about integrated communications by visiting some of the nation's most well known public relations agencies. Students will gain firsthand exposure to the wide range of services provided by the nation's top communication professionals. Students will meet for an intensive one-week preparation class to better understand the structure and function of public relations; then the class will visit the agencies for a hands-on look at the communication process. Students will incur additional travel expenses, including the instructor's travel expenses.

COM 4499 - Senior Thesis. 3-0-3.
Prerequisite: COM 3435, COM 4480, and 90+ credit hours.
The senior thesis is designed to allow students to apply course work to professional issues. The course culminates in the student's preparation and presentation of an undergraduate thesis or creative project.

Notes: This course may serve as the capstone for any of the four concentrations.

CRJU: Criminal Justice

CRJU 1101 - Foundations of Criminal Justice. 3-0-3.
Prerequisite: None.
This course provides an overview of the criminal justice system. Emphasis will be on crime in America, the criminal justice process, law enforcement, adjudication, punishment, corrections, and prisons. Other special issues to be addressed include AIDS, changing roles of women, and criminal justice systems in other countries.

CRJU 2105 - Social Issues: Perspectives in Criminal Justice. 2-0-2.
Prerequisite: ENGL 0099 and READ 0099, if required.
This course examines the effects of crime and criminal behavior on society and how the criminal justice system responds to the problems of crime and criminality.

CRJU 3300 - Criminal Courts. 3-0-3.
Prerequisite: CRJU 1101.
This course examines the history, development, structure, operation, and organization of criminal court systems in federal and state courts in the United States. Emphasis is given to juvenile courts and court administration. Other topics include the roles of major professional and non-professional courtroom participants; stages in the process of adjudication of criminal cases from initial charging through post-conviction review; and an introduction to the constitutional rights of the accused.

CRJU 3301 - Research Methods in Criminal Justice. 3-0-3.
Prerequisite: CRJU 1101.
This course provides an introduction to concepts and techniques of social science research. Students will (a) become familiar with levels of measurement, sampling techniques, research design, and research techniques, and (b) apply these techniques to the study of specific research questions in criminal justice.

CRJU 3305 - Technology and Criminal Justice. 3-0-3.
Prerequisite: CRJU 1101.
This course involves an in-depth study of technology as it relates to crime and the criminal justice system. Topics discussed include technology associated with forensics, computer crime and homeland security. Legal issues and laws pertaining to the use of technology for investigative purposes, privacy issues and fourth amendment issues are examined. Various technologies used by police, courts and corrections are also addressed.

CRJU 3310 - Police in America. 3-0-3.
Prerequisite: CRJU 1101.
An overview of the role of the police in American society, examining such issues as the police role in a democracy, ethnic tensions, unionization and professionalism, civil disturbances, law enforcement, and police misconduct.

CRJU 3311 - Police Administration. 3-0-3.
Prerequisite: CRJU 1101.
This course familiarizes students with the principal issues facing contemporary American police administration. Students will gain an appreciation of the complex responsibilities associated with administering a police organization in a free society.

CRJU 3312 - State and Federal Law Enforcement Initiatives. 3-0-3.
Prerequisite: CRJU 1101.
This course allows the student to participate in a seminar that includes up to date information from readings and through discussions with agents from state and federal agencies. Students will develop knowledge about state and federal agencies and their missions; the types of investigations under-taken by agencies; the use of technology by agencies and by offenders; predictions of future issues and crimes the agencies will likely face; the application/ hiring process and essential/desired skills needed to work for various agencies.

CRJU 3315 - Criminal Procedure. 3-0-3.
Prerequisite: CRJU 1101.
This course addresses the following stages of criminal procedure and evidence: (1) methods and rules of police investigation and arrest; (2) pretrial screening of complaints: (3) formal charging of the accused; (4) adjudication - evidentiary requirements; (5) sentencing; and (6) appellate review by higher courts.

CRJU 3320 - Criminal Investigation. 3-0-3.
Prerequisite: CRJU 1101.
This course examines the historical, theoretical, and technological aspects of the investigation of crime. The topic areas include crime scene examinations, the collection and preservation of evidence, forensic and behavioral sciences, inter-views/ interrogations, and the use of technology by law enforcement agencies.

CRJU 3332 - Corrections. 3-0-3.
Prerequisite: CRJU 1101.
A review of the historical and philosophical back-grounds of corrections. Special emphasis is placed on the role of corrections in the criminal justice system.

CRJU 3340 - Legal Analysis. 3-0-3.
Prerequisite: CRJU 1101.
This course involves students in the processs of reasoning objectively and arguing persuasively within a socio-legal framework. Set against a background of formal and informal logic that guides reasoning in general, the course is primarily concerned with the reasoning underlying the construction of legal arguments from judicial, legislative, and scholarly points of view. Theoretical analysis is illustrated by investigating and writing about the law, with an emphasis on topics related to crime.

CRJU 3352 - Juvenile Delinquency and Corrections. 3-0-3.
Prerequisite: SOCI 2201 or CRJU 1101.
Surveys of the definition, extent, cause, treatment, prevention, and control of juvenile delinquency.

CRJU 3365 - Profile of the Serial Offender. 3-0-3.
Prerequisite: CRJU 1101 and CRJU 3320.
This course examines why some violent offenders repeat their crimes while others do not. Students learn the development of the offender characteristics and traits as well as investigative strategies in unsolved homicide and sexual assaults. Students examine theories and research which explains how the serial offender evolves from childhood to adult. Case presentations occur throughout the course.

CRJU 3398 - Internship. 1-9.
Prerequisite: 90 hours.
A structured off-campus experience in a super-vised setting that is related to the student's major and career interests. Practical experience is combined with scholarly research in the topical area of the internship, under the guidance of an interdisciplinary faculty committee. Sites must be selected in advance of the semester of the internship. A departmental internship orientation session is scheduled once a semester.

CRJU 3400 - Ideological/Group Violence and Law Enforcement. 3-0-3.
Prerequisite: CRJU 1101.
The course will examine law enforcement response to domestic and international terror-ism. Topics will include threat analysis, intelligence processing, proactive measures, reactive measures, development of modern terrorism and specific terrorist groups.

CRJU 4100 - Ethics in Criminal Justice. 3-0-3.
Prerequisite: CRJU 1101.
This course prepares students to think critically about ethical issues they will encounter in the criminal justice profession. Topics include uses of force, increasing cultural diversity, and the balance between freedom and security.

CRJU 4300 - Organized Crime. 3-0-3.
Prerequisite: CRJU 1101.
This course examines the origins, histories, and activities of various major organized crime groups in the United States and throughout the world. Special emphasis is placed on emerging organized criminal enterprises in developing countries and regions. In addition, this course explores the methods used by law enforcement to combat organized crime.

CRJU 4305 - Technology and Cyber Crime. 3-0-3.
Prerequisite: CRJU 1101.
This course provides an overview of cyber crime and computer-related crime issues facing the American criminal justice system, particularly law enforcement. The course looks at law enforcement's ability to respond and discusses law enforcement problems in dealing with computer crime. Students will learn about government response to cyber crime problems, especially from a law enforcement perspective. Future trends of cyber crime and computer related crime will also be discussed.

CRJU 4400 - Directed Study in Criminal Justice. 1-3.
Prerequisite: Approval in instructor and department chair.
Covers special topics and seminars external to regular course offerings.

Notes: May include original research projects and practicum experiences.

CRJU 4410 - Criminal Profiling and Analysis. 3-0-3.
Prerequisite: CRJU 1101, CRJU 3365.
This course centers on the "deductive profiling" method, the analysis process of forensic evidence, and the development of offender characteristics. It approaches each crime as its own universe of social relationships and behaviors and requires the examination and analysis of a real homicide. An overview of the socio-legal aspects involving profiling and analysis of specific profiling issues in different types of serial crime are addressed.

CRJU 4430 - Victimology. 3-0-3.
Prerequisite: SOCI 2201 or CRJU 1101.
An overview of the basic concepts of criminal victimization, including society's response to victims and their problems.

CRJU 4490 - Special Topics in Criminal Justice. 3-0-3.
Prerequisite: Approval of instructor and department chair.
Selected topics of interest to faculty and students.

CRJU 4499 - Senior Seminar in Criminal Justice. 3-0-3.
Prerequisite: CRJU 1101 and CRJU 3301.
This is a capstone course designed for senior-level students to apply learning from previous criminal justice courses and courses from their specific major concentration. This course addresses current issues and trends in criminal justice to integrate knowledge concerning criminal justice policy. Each student is required to prepare, submit, and present a research paper on an instructor-approved criminal justice topic.

CS: Computer Science

CS 2290 - Special Topics. 3-0-3.
Prerequisite: Approval of instructor, major area committee, and department chair.
The course covers special topics at the intermediate level that are not in the regular course offerings.

CS 2301 - Programming Principles I. 3-0-3.
Prerequisite: MATH 1112 or MATH 1113 (co requisite).
An introduction to problem-solving methods that lead to the development of correct, well structured programs. Topics also include the fundamentals of computer systems.

CS 2302 - Programming Principles II. 3-3-4.
Prerequisite: C or better grade in CS 2301 and either MATH 1112 or MATH 1113.
A continuation of programming principles begun in CSIS 2301 with emphasis on object-oriented methods, inheritance, arrays, and graphical user interfaces.

CS 2350 - Object-Oriented Programming. 3-3-4.
Prerequisite: CS 2301.
The course covers concepts, principles and methods of object-oriented programming using C# with .NET. Topics include classes, inheritance, polymorphism, interface, event handling and other object-oriented techniques. This course will also introduce C# programming with the .NET libraries, such as WinForms, ADO.NET, and ASP.NET.

CS 3150 - Concepts of Programming Languages. 3-0-3.
Prerequisite: A grade of "C" or better in CS 2302 and CS 2350.
This course covers the fundamental concepts on which programming languages are based and the execution models supporting them. Topics include values, variables, bindings, type systems, control structures, exceptions, concurrency, and moularity. Languages representing different paradigms are introduced.

CS 3310 - Introduction to Database Systems. 3-0-3.
Prerequisite: C or better grade in CS 2302.
Introduction to the database management systems, database processing, data modeling, database design, development, and implementation. Contrasts alternative modeling approaches. Includes implementation of current DBMS tools and SQL.

CS 3401 - Introduction to Data Structures. 3-0-3.
Prerequisite: C or better grade in CS 2302, MATH 3322.
This course is an introduction to data structures with an emphasis on object-oriented programming concepts. Topics include arrays, records, vectors, lists, stacks, queues, trees, graphs, priority queues, and hash tables. Study of algorithm performance analysis for implementation and manipulations is covered.

CS 3510 - Computer Organization, Architecture, and Communications. 3-0-3.
Prerequisite: C or better grade in CS 2302.
An introduction to the theory and fundamentals of computer architecture and data communications. Computer organization topics include: data representation, binary arithmetic, and numbering systems. Computer architecture topics include Boolean algebra, logic gates, digital components, combinational and sequential circuits, circuit design, CPU basics, internal architecture, microcode, RISC, pipelines, cache, assembly language, instruction sets, memory organization and addressing, interrupts, multi-core architectures. Data communications topics include: data encoding, signaling, transmission, communication media, encoding, multiplexing, bus control, and arbitration.

CS 3530 - Operating Systems. 3-0-3.
Prerequisite: C or better grade in CS 2302.
An introduction to fundamental operating systems concepts. Topics include job scheduling, memory management, and process interactions.

CS 3610 - Software Engineering. 3-0-3.
Prerequisite: Grade of C or better in CS 2350 and CS 3310
The course covers the life cycle of software engineering with emphasis on UML modeling. Topics include software process models, requirements analysis and modeling; design concepts, modeling, and design patterns; architectural design; implementation; and testing strategies and techniques.

CS 3650 - Object-Oriented Software Development. 3-0-3.
Prerequisite: A grade of "C" or better in CS 3150 and CS 3610.
The primary objective of the course is to study an object-oriented approach software development that systematically uses a set of object-oriented principles, methods, and tools to build high-quality software. Topics include object oriented analysis, design, and implementation. Object-oriented techniques are studied from an advanced viewpoint, and illustrated using contemporary programming languages.

CS 4400 - Directed Studies. 1-3.
Prerequisite: Approval of instructor, major area committee, and department chair.
This course covers special topics of an advanced nature that are not in the regular course offerings. Up to three hours may be applied to the major area.

CS 4491 - Advanced Topics in Computer Science. 3-0-3.
Prerequisite: C or better grade in any prerequisite course. Prerequisite course(s) vary depending upon the topic.
This course provides the current and relevant topics in an advanced Computer Science area of interest to faculty.

Notes: It may substitute for a CS major elective.

CS 4500 - Advanced Data Communications. 3-0-3.
Prerequisite: C or better grade in CS 3510 and CS 3530.
A study of protocol suites and how they are used in data communications on the Internet. Topics include protocol layering, Internet addressing, routing, connection establishment and termination, management of data flow, and error handling. A specific protocol suite will be examined in detail.

CS 4520 - Distributed Systems Development. 3-0-3.
Prerequisite: C or better grade in CS 3401 and CS 3610.
Introduction to the current technologies such as those in J2EE for modeling, designing, implementing, and developing Web applications. Topics include a historical review of technologies for developing distributed systems, such as COBRA, Jini, DCOM, etc., while applying the current technologies including servlets, JSPs, JSFs, EJBs, JavaBeans, database accesses, and emails for hands-on practices.

CS 4545 - Applied Cryptography. 3-0-3.
Prerequisite: CS 3401 or ISA 3010.
This course is an introduction to cryptography and its applications. While this course will touch on the mathematics involved in cryptography, the focus of the course will be on its application. Thus, the course emphasizes the upper layers of cryptosystems (i.e. key management and system usage) rather than the internals of encryption algorithms.

CS 4580 - Web Services with Java. 3-0-3.
Prerequisite: C or better grade in CS 2302 and CS 3610.
An introduction to the current technologies included in the JWSDP package (Java Web Service Developer Pack) for modeling, designing, implementing, and deploying Web Services, which are based on protocols such as SOAP and use XML.

CS 4620 - Object-Oriented Methods. 3-0-3.
Prerequisite: C or better grade in CS 3610.
A study of object-oriented methods used in software development including modeling language and process. This study involves practical work using a development environment that supports the method and its notation and process. Object-oriented methods currently in widespread use are compared. Software development aspects of user interfaces are covered.

CS 4650 - Advanced Object-Oriented Software Development. 3-0-3.
Prerequisite: A grade of "C" or better in CS 3150 and CS 3610.
The primary objective of the course is to introduce the student to advanced topics in object-oriented software development, such as patterns, frame-works, and software architecture. Object-oriented techniques are illustrated using programming languages such as Eiffel, C++, and Java.

CS 4730 - Real-Time Systems and Simulation. 3-0-3.
Prerequisite: C or better grade in CS 3530 and MATH 3332.
General structure of real-time systems; software and hardware; the basic requirements for software development; and in particular their modeling and simulation. A specific method is studied in detail, including its modeling language and process. This involves using RT UML and the process interaction approach to simulation. This study includes practical work using a development environment that supports the method and its notation and process. Case studies are presented, some to be completed by the students using a team approach. The course also includes a survey and comparison of some real-time development methods currently in widespread use. An overview of the most common real-time operating systems is included as the last part of the course.

CS 4850 - Computer Science Senior Project. 1-2-2.
Prerequisite: A grade of "C" or better in CS 3150 and CS 3610. The course should be taken within the last two semesters before graduation.
Capstone experience for computer science students intended to promote a successful transition to professional practice or further academic study. Students spend the term working on an IT project as a team. Students have the opportunity to develop and practice essential project management skills and work with current software tools and technologies.

CSED: Computer Science Education

CSED 4416 - Teaching of Computer Science. 3-0-3.
Prerequisite: IS 2101 Computers and Your World; CS 2302 Programming Principles II
An examination and application of curricular issues, learning theories, teaching strategies, instructional materials, and assessment procedures for teaching secondary school computer science in the multicultural and diverse classroom.

CSED 4417 - Computer Science Teaching Practicum. 0-3-1.
Prerequisite: Grade of C or better in CSED 4416.
Secondary school field experience in computer science teaching. Proof of professional liability insurance is required prior to school placement.

CSIS: Computer Science and Information Systems

CSIS 1020 - Introduction To Programming Principles: Visual Basic. 3-0-3.
Prerequisite: Credit level mathematics course.
Introduction to computers and programming as tools to aid problem solving. Implementation will be in Visual Basic.

CSIS 2300 - Principles of Computing. 3-0-3.
Prerequisite: C or better grade in credit level mathematics course.
Principles of computing is the first course a student should take to prepare for a career in computer science or information systems. Topics include information systems in organizations, hardware, software, database concepts, telecommunications and networks, the Internet, systems development, security, privacy, ethics, programming logic, algorithms, abstraction, and data structures.

CSIS 2520 - Introduction To Data Communications. 3-0-3.
Prerequisite: C or better grade in CS 2301.
An introduction to the theory an0d applications of data communications. Topics include communication media, encoding systems, data security and integrity, network topologies, network protocol concepts, Internet protocols, and routing.

CSIS 3396 - Cooperative Study. 1-3.
Prerequisite: Approval of coordinator of cooperative education/internships (Career Services Center).
A supervised work experience program for a minimum of two semesters at a site in business, industry or government. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

CSIS 3398 - Internship. 1-9.
Prerequisite: Approval of coordinator of cooperative education (Career Services Center).
A supervised work experience program for one semester at a site in business, industry or government. For sophomore, junior or senior level students who wish to obtain on the job experience in conjunction with their academic training.

CSIS 4300 - Web Development. 3-0-3.
Prerequisite: C or better grade in IS 2060.
This course emphasizes how to plan, design, and develop Web sites that are visually ap-

pealing and easy to navigate. The experienced program-mer will learn how to develop and test HTML code. Using leading software tools such as HomeSite, Dreamweaver, and Adobe Photoshop, students will learn to build Web pages and to create and manipulate digitized images. Emerging Web technologies such as CSS and XHTML will also be explored.

CSIS 4310 - Advanced Database Systems. 3-0-3.
Prerequisite: C or better grade in IS 2080.
The purpose of this course is to provide students with a strong foundation in advanced database concepts from an industry perspective. As a second course in database concepts, students will expand their skills and knowledge of data-base and query design. Furthermore, students will gain critical skills and knowledge in such areas as query processing, object-oriented DBMS, object-relational DBMS, transaction management, concurrency, as well as theoretical foundations in relational algebra.

CSIS 4510 - Computer Law. 3-0-3.
Prerequisite: C or better grade in IS 2060.
Covers broad areas of law pertaining to the computer industry; including Intellectual Property (Copyright, Patent, Trademark, and Trade Secret), Contract, and the U.S. Constitution. Class will discuss computer crime, privacy, and professional ethics.

CSIS 4830 - IS Integrated Project. 3-0-3.
Prerequisite: C or better grade in IS 3540, IS 3040, IS 3220, IS 2040.
Implementation of a comprehensive information system utilizing database and programming technologies. This course follows the systems analysis and design course closely by integrating key concepts from core IS courses. This is intended to be a capstone project experience for IS majors, weaving critical content from programming principles, database systems, object-oriented (OO) analysis and design, and web technologies into a fully-implemented substantive IS project. Students will participate in a team project focusing on the design and implementation of an information system. Applications may be built with visual, web-based technologies such as Visual Basic, Oracle, ActiveX, HTML, and DHTML.

CSIS 4840 - Information Resource Management And Policy. 2-0-2
Prerequisite: C or better grade in IS 2060 and 90 credit hours; Corequisite: corequisite CSIS 4841.
Intended as a senior capstone course. Focus is on management of information systems resources, technologies and people. Covers strategic planning and control of IS; management of the systems development process, operations, and maintenance; management of end-user computing; IS functional organization and the CIO. Requires research papers and presentations on current topics.

CSIS 4841 - Information Technology Connections Lectures. 1-0-1.
Prerequisite: C or better grade in IS 2060 and 90 credit hours; CSIS 4840.
Lecture series that illustrates how Information Technologies connect and facilitate the interchange of information between professions and disciplines.

DANC: Dance

DANC 1107 - Arts in Society: Dance. 3-0-3.
Prerequisite: ENGL 0099, READ 0099, if required.
Through an examination of the role of arts in society, and an in-depth study of selected dance events, this interactive course provides an understanding of the creative process and develops skills in creativity and critical analysis. Heightened perceptual abilities will be developed through class experiences and field visits to a variety of arts events in dance, music, visual arts, and theater. (Attendance at some events requires paid admission.)

DANC 2000 - Dance History I. 3-0-3.
Prerequisite: None.
Explores dance as a reflection of culture and as an art form from the earliest societies to the present. International ballet, modern dance, and American dance will be observed closely as art forms and as commercial entertainment. Throughout the course students will read from books the observations of prominent dance critics, and they will view recordings of acclaimed dance pieces. Cultural influence and the contributions of individual artists will be investigated.

DANC 2100 - African Dance Technique. 0-4-2.
Prerequisite: None.
Students experience a variety of African dance forms, understand their relationship to the native culture, and study the technical aspects of their performance. May be taken twice for credit.

DANC 2200 - Tap Dance Technique. 0-4-2.
Prerequisite: None.
Students develop rhythmic complexity and performance techniques in tap dance. They will develop an understanding and experience of a variety of tap dance styles along with a historical understanding of the development of tap as an American art form. May be taken twice for credit.

DANC 2300 - Ethnic Dance Forms. 0-4-2.
Prerequisite: None.
Students physically experience a variety of ethnic dance forms and understand their historical development and relationship to society and global culture. May be taken twice for credit.

DANC 2400 - Social Dance. 0-4-2.
Prerequisite: None.
Students physically experience a variety of social dance forms and understand their historical development and relationship to society and global culture. May be taken twice for credit.

DANC 2713 - Dance Production. 0-4-2.
Prerequisite: Permission of instructor.
This course includes individually designated production and/or performance assignments in support of public productions sponsored by the Department of Theater and Performance Studies.

Notes: This course may be repeated for a total of four times for credit.

DANC 3000 - Musical Theater Dance: Styles I. 0-4-2.
Prerequisite: ENGL 1101.
An introduction to major dance styles for musical theater including: fundamental performance skills, exercises in body awareness, and principles of choreography for musical theater pieces. Students address the process of creating a character through movement and develop audition and rehearsal techniques through in-class work and out-of-class assignments. Includes a survey of the history of dance in musical theater.

Notes: May be taken twice for credit.

DANC 3001 - Musical Theater Dance: Styles II. 0-4-2.
Prerequisite: DANC 3000 or permission of instructor.
Advanced study of a selected musical theater dance style, including a history of the form and its major choreographers.

Notes: This course may be repeated for credit more than once provided the course content differs from the previous offering.

DANC 3100 - Ballet I: Classical Dance Technique. 0-4-2.
Prerequisite: TPS 1107, ART 1107 or MUSI 1107.
Students explore the principles and art of classical ballet through correct alignment, flexibility, balance and kinesthetic awareness. Fundamental barre exercises, center work, traveling steps and vocabulary are introduced. Students learn to apply techniques of moving gracefully through space while acquiring an understanding and appreciation of ballet as an art form and its place in contemporary musical theater.

Notes: May be taken twice for credit.

DANC 3110 - Ballet II: Classical Dance Technique. 0-4-2.
Prerequisite: DANC 3100 or permission of instructor.
Students will acquire complex motor skills, intermediate and advanced classical ballet techniques and knowledge appropriate for the successful participation classical ballet performance. Multiple turns and beats are explored, along with beginning pointe work in some cases, as well as petite allegro and grand allegro combinations.

Notes: May be taken twice for credit.

DANC 3120 - Ballet III: Classical Dance Technique. 0-4-2.
Prerequisite: DANC 3110 or permission of the instructor.
This is an intermediate-advanced level ballet technique course for the advanced dancers. Students will continue developing complex

motor skills with multiple turns and beats, as well as musicality in classical ballet technique. Female dancers will work en pointe and male dancers will work on men's combinations.

Notes: May be taken twice for credit.

DANC 3130 - Ballet IV: Classical Dance Technique. 0-4-2.
Prerequisite: DANC 3120 or permission of the instructor.
This is an advanced ballet technique course for the pre-professional dancers. Emphasis is placed on complex movement sequences, ensemble awareness, classical repertory, advanced pointe technique and men's combinations.

Notes: May be taken twice for credit.

DANC 3200 - Jazz Dance: Styles I. 0-4-2.
Prerequisite: ENGL 1101.
Students explore the principles and art of jazz dance through correct alignment, body control, flexibility, weight shift and rhythmic control. Center work, stretching, isolations, extensions, turns, jumps, simple combinations and vocabulary are introduced. Students learn to apply techniques of defined traveling movements in a range of dynamic and changing rhythms while acquiring an understanding and appreciation of jazz dance as an art form.

Notes: May be taken twice for credit.

DANC 3210 - Jazz Dance: Styles II. 0-4-2.
Prerequisite: DANC 3200 or permission of instructor.
Students acquire complex motor skills, intermediate and advanced techniques and knowledge appropriate for the successful participation in jazz dance performance. Multiple simultaneous isolations, contracted falls and turning jumps are explored, along with movement combinations of 64 beats and longer.

Notes: May be taken twice for credit.

DANC 3220 - Jazz Dance: Styles III. 0-4-2.
Prerequisite: DANC 3210 or permission of the instructor.
This is an intermediate-advanced jazz technique course for the advanced dancers. Emphasis is placed on learning complex and challenging combinations with correct body placement and balance. Students will continue developing their motor skills, jazz dance techniques, musically and artistry.

Notes: May be taken twice for credit.

DANC 3230 - Jazz Dance: Style IV. 0-4-2.
Prerequisite: DANC 3220 or permission of the instructor.
This is an advanced jazz technique course for the pre-professional dancers. Emphasis is placed on continuing to develop advanced level performance techniques and learning technically, musically and artistically challenging combinations as well as professional repertory.

Notes: May be taken twice for credit.

DANC 3300 - Modern Dance I: Contemporary Dance Technique. 0-4-2.
Prerequisite: ENGL 1101.
Students explore the principles and art of modern dance through correct alignment, endurance, strength, flexibility, balance and kinesthetic awareness. Fundamental barre exercises, center work, traveling steps and vocabulary are introduced. Students learn to apply techniques of moving gracefully through space while acquiring an understanding and appreciation of modern dance as an art form.

Notes: May be taken twice for credit.

DANC 3310 - Modern Dance II: Contemporary Dance Techniques. 0-4-2.
Prerequisite: DANC 3300 or permission of instructor.
Students acquire complex motor skills, intermediate and advanced movement techniques and knowledge appropriate for the successful participation in modern dance performance. Standing falls, extended off-center balances, and turning jumps are explored, along with movement combinations of 64 beats and longer.

Notes: May be taken twice for credit.

DANC 3320 - Modern Dance III: Contemporary Dance Technique. 0-4-2.
Prerequisite: DANC 3310 or permission of the instructor.
This is an intermediate-advanced modern technique course for the advanced dancers. Students will continue to develop neuromus-

cular coordination, correct alignment, body placement and balance. Students will also continue to develop proficiency in one or more movement styles and learn intermediate-advanced level repertory.

Notes: May be taken twice for credit.

DANC 3330 - Modern Dance IV: Contemporary Dance Technique. 0-4-2.
Prerequisite: DANC 3320 or permission of the instructor.
This is an advanced modern technique course for the pre-professional dancer. Emphasis is placed on developing complex neuromuscular coordination, correct alignment, body placement and balance. Students will be expected to develop proficiency in multiple movement styles and learn advanced repertory.

Notes: May be taken twice for credit.

DANC 3398 - Internship. 1-3.
Prerequisite: Permission of the director of dance.
A supervised, credit-earning work experience of one academic semester with a previously approved professional dance or theater company, dance studio, art agency or government agency serving the arts.

DANC 3400 - Movement for Performers. 3-0-3.
Prerequisite: None.
This course is designed to increase the performer's physical awareness on and off stage. A variety of assignments will help students isolate their physical habits and tensions as well as develop strength and flexibility. Students will explore efficiency in movement, increase their range of physical expression, develop a healthy use of the body and acquire an awareness of spatial relationships.

DANC 3500 - Pas de Deux/Pointe. 0-4-2.
Prerequisite: DANC 3100 or permission of instructor.
Development of partnering skills in dance through increased technical development and the learning of classical repertory. A portion of this course focuses on the development of pointe technique for women and classical variations for men. Designed to develop the advanced-intermediate level dance student's ability to transfer classical ballet skills into partnered pas de deux work.

DANC 3600 - Dance Improvisation. 0-4-2.
Prerequisite: ENGL 1101 Corequisite: .
Creative discovery and investigation of the body's potential to move without preconception. Through a variety of movement stimulation exercises students are encouraged to develop their inner creativity and explore movement invention.

DANC 3700 - Body Conditioning and Somatics. 0-4-2.
Prerequisite: ENGL 1101.
A study of a variety of physical conditioning methods such as yoga and pilates combined with injury prevention techniques that promote physical efficiency and physical development of the body.

DANC 4010 - Dance History II. 3-0-3.
Prerequisite: DANC 2000.
A historical study of prevalent twentieth-century dance forms and their development. Socio-cultural influences in dance and the contributions of individual artists is investigated and researched. A portion of this course studies the history of dance in world cultures and global trends in the development of dance as an art form.

DANC 4100 - Dance Kinesiology. 3-0-3.
Prerequisite: DANC 2000.
A study of the science of the human body, its anatomy and movement physics.

DANC 4200 - Analysis and Criticism of Dance. 3-0-3.
Prerequisite: DANC 2000.
Students develop analytical and critical skills in dance through an understanding of core dance principles, developing refined observation skills, and the study of dance journalism.

DANC 4300 - Dance Pedagogy. 3-0-3.
Prerequisite: DANC 2000 and ENGL 1102.
Students study the philosophical and practical principles associated with the teaching of dance as an art form. Through practical application of theoretical learning objectives, students learn to identify and work conceptually from core principles in technique and pedagogy.

DANC 4400 - Directed Study. 1-3.
Prerequisite: Approval of instructor and department chair.
Selected topics of an advanced nature, which may include original research projects.

DANC 4490 - Special Topics. 1-3.
Prerequisite: Approval of instructor and department chair.
Topics of an special interest to students and faculty.

DANC 4500 - Choreography. 3-0-3.
Prerequisite: Two 3000-level DANC classes or permission of the instructor.
This course introduces dance choreography including improvisational techniques and choreographic devices appropriate for the concert stage, musical theater, children's theater or educational theater.

DANC 4800 - Senior Seminar. 3-0-3.
Prerequisite: DANC 4010 or permission of the director of dance.
This course evaluates the students understanding of practical, aesthetic, and critical issues in dance as an art form in contemporary society. Students discuss theoretical principles used by contemporary artists that support the application of contemporary principles in the field of dance.

DANC 4900 - Senior Project. 3-0-3.
Prerequisite: DANC 4010 and 90 credit hours.
Students produce a creative work based on a research project that results in a public performance.

ECE: Early Childhood Education

ECE 2205 - Organization and Administration of Early Childhood Programs. 3-0-3.
Prerequisite: EDUC 2130.
This course addresses managing and planning for child care facilities including licensing, ethics, organization, equipment, child guidance, administration and policies, parent and community relations. This course provides the candidate with an opportunity to understand the importance and application of developmentally appropriate practices and examine the responsibilities of the early childhood administrator in a preschool setting. Facilities that care for culturally and linguistically diverse children and children with special needs are addressed. Preschool observations are required. Verification of professional liability insurance is required before placement in observation settings.

ECE 2220 - Practicum. 3.
Prerequisite: Approval of director of the Center for Education Placements and Partnerships, advisor, and department chair.
A practicum in a classroom during which the student will be actively involved in the teaching-learning process under the guidance of a professional teacher.

ECE 2303 - Instructional Technology in Schools. 1-3-3.
Prerequisite: EDUC 2201.
Develops skill in selecting and using technology to enhance instruction in the early childhood classroom. Includes a laboratory experience with computers, educational software and multimedia presentations.

ECE 3313 - The Preschool Curriculum. 2-3-3.
Prerequisite: Admission to Teacher Education.
The course prepares students in developing knowledge and understanding of the principles, components and development of preschool curricula, and strategies of learning for preschool children. The 35 hour field experience in a pre-kindergarten setting, a requirement of this course, assists the candidate in the application of developmentally appropriate practices with prekindergarten children including those who are culturally and linguistically diverse and those children with and without disabilities.

Notes: Verification of professional liability insurance is required prior to placement in the field experience.

ECE 3320 - Teaching Reading in the Early Grades. 3-0-3.
Prerequisite: Admission to Teacher Education.
Corequisite: EDUC 3302.
Examines theories and principles that guide emergent literacy instruction. Focus is on the cognitive development of the emergent reader and right brain-based research. Strong emphasis is placed on phonemic awareness. Assessment tools and approaches to reading instruction, including ability grouping, are examined and applied. Strategies for teaching reading and writing skills are contextualized in children's literature. Multicultural perspectives and technology are used to facilitate and reinforce instruction. Includes extensive field experience. Verification of professional liability insurance is required prior to placement in the field. Twenty (20) hours field experience is included.

ECE 3330 - Teaching Reading in the Elementary Grades 3-5. 3-0-3.
Prerequisite: Admission to Teacher Education; EDUC 3302, ECE 3320, and EDUC 2130.
The relationship among reading, writing, speaking, listening, and viewing is studied in the context of national and state performance standards for grades 3-5. Content area reading, study strategies, comprehension strategies, use of a variety of genres, and various strategies for teaching spelling, grammar, vocabulary, and writing are included. Emphasis is place on insuring that candidates understand the transition from learning to read to reading to learn, the connection between reading and writing, the significance of listening, speaking, and viewing within the context of reading, and the use of technology to extend and support literacy.

ECE 3340 - Diagnosis and Application of Literacy Instruction in the Early Childhood Classroom. 3-0-3.
Prerequisite: Admission to Teacher Education and ECE 3330.
This course includes the study and application of diagnosis and instructional activities for the preservice elementary and early childhood classroom teacher. It includes both formal and informal diagnosis, interpretation of formal and informal test results, planning and implementation of instructional actions, application of literacy diagnosis across the curriculum, and diagnosis of the classroom literacy environment and instruction. This course requires 20 hours field experience.

Notes: Verification of professional liability insurance is required prior to placement in the field.

ECE 3350 - Child Development and Early Learning. 3-0-3.
Prerequisite: Admission to Teacher Education program.
This course addresses theories of human development from conception to middle childhood (age eleven years) with attention to the social, emotional, physical and cognitive domains. Issues relating to family, diversity, and culture will be addressed as they relate to development and supporting children's learning. Candidates will also explore effective learning environments, health, safety & nutrition for children. Observations in natural settings will be required.

ECE 3364 - Children's Literature. 3-0-3.
Prerequisite: Admission to Teacher Education program.
This course includes a survey of literature appropriate for kindergarten and early grade readers. Reviews both current and traditional works in several genres and exploration of various approaches for teaching such literature will be examined.

ECE 3398 - Internship. 1-12.
Prerequisite: Permission of director of the Center for Education Placements and Partnerships, advisor, and department chair.
This course is comprised of a supervised teaching experience for teachers seeking certification renewal credit.

ECE 3405 - A Conceptual Framework for the Montessori System of Education. 3-0-3.
Prerequisite: Acceptance into the Birth through Five Teacher Education Program. Corequisite: ECE 3410 and ECE 3315.
Insights into the nature of child development reveal that respect for the child's inner teacher serves as the integrating principle for the effective education of young children. Students will learn that importance of the prepared environment as the third essential element in the teaching learning equation. They will discover that the sensitive periods are the most powerful times for learning. This Conceptual Framework undergirds the research based Montessori System of Education.

ECE 3410 - Human Reproduction, Perinatal Development, Health, Safety, and Nutrition. 3-0-3.
Prerequisite: Admission to the Birth through Five program. Corequisite: ECE 3405 and ECE 3415.
Students will learn about human reproduction, the effects of heredity and environment upon fertility, conception, and prenatal development. They will study development from conception to birth, the stages of pregnancy, prenatal health care, the birth process, and associated risk factors. They will learn the importance and effects of maternal attachment, bonding, and nursing. They will study the newborn's amazing capabilities, the importance of effective care, the nutritional needs of mother and child, infectious disease control, and consider safety issues.

ECE 3415 - Infants: Stages of Growth and Development & Developmentally Appropriate Care and Activities. 3-0-3.
Prerequisite: Admission to Birth through Five program. Corequisite: ECE 3405, ECE 3410; and ECE 3420.
This course provides students with an understanding of the importance of infant development from birth to eighteen months of age. Students will study the dramatic physical, sensorial, emotional, and cognitive growth that occurs during each stage of development. They will learn to create supportive environments and to use appropriate materials, activities, and methods of care and education that can enhance the important developmental periods that children experience from birth to 18 months of age.

ECE 3420 - Observation and Supervised Practice Teaching - Infants. 1-7-5.
Prerequisite: Acceptance to the Birth through Five program. Corequisite: ECE 3405, ECE 3410, and ECE 3415.
Teacher candidates will learn to develop, plan, and implement strategies for the care and education of infants from birth to 18 months of age. Candidates will teach under the supervision of childcare professionals and a university faculty. Candidates will develop skills in the application of developmentally appropriate practices with infants. Candidates will meet with a university supervisor each week to review planning and teaching strategies and to discuss their concerns. Verification of professional liability insurance is required prior to placement in the teaching experience.

ECE 3435 - Toddlers: Stages of Growth and Development & Developmentally Appropriate Care and Activities. 3-0-3.
Prerequisite: Admission to the Birth through Five program. Corequisite: ECE 3445.
Students will develop an understanding of the importance of infant development from eighteen months to three years of age. Students will learn to identify and support the important physical, sensorial, emotional, language, and cognitive growth that take place during each stage of development. They will learn how to enhance that development through the creation of supportive environments and through the application of developmentally appropriate activities, methods, and materials.

ECE 3445 - Observation and Supervised Practice Teaching - Toddlers. 1-7-5.
Prerequisite: Acceptance to the Birth through Five program. Corequisite: ECE 3435.
Teacher candidates will learn to develop, plan, and implement strategies for the care and education of toddlers from 18 months to 3 years of age. Candidates will teach under the supervision of child care professionals and university faculty. Candidates will develop skills in the application of developmentally appropriate practices with toddlers. Candidates will meet with a university supervisor each week to review planning and teaching strategies and to discuss their concerns. Verification of professional liability insurance is required prior to placement in the teaching experience.

ECE 3510 - Fostering Young Children's Learning Through Play. 3-0-3.
Prerequisite: Admission to the Birth-Five program.
This course is designed to provide teacher candidates with the knowledge and understanding of children's play in a variety of settings. A review of play theories as well as a historical approach to play is presented. Teacher candidates have the opportunity to explore the relationship of play to curriculum development and assessment. Issues regarding gender, culture, second language acquisition, socioeconomic status, stress and personality types are discussed in relationship to play.

ECE 3520 - Curriculum and Assessment for Children Birth through Three Years of Age. 2-3-3.
Prerequisite: Admission into the Birth-Five program; ECE 2205.
The course is designed to assist students in developing knowledge and understanding of the principles, components and development of infant and toddler curricula, and strategies of learning for very young children. The 35 hour field experience in an infant, toddler or early learning environment, a requirement of this course, is designed to assist the teacher/facilitator in the application of developmentally appropriate practices with all infants, toddlers and very young children including those with cultural and language differences and/or special needs.

Notes: Verification of professional liability insurance is required prior to conducting the field experience.

ECE 3530 - Developmental Aspects of Movement and Physical Domain. 2-1-3.
Prerequisite: Admission to the Birth-Five program; ECE 2205 and ECE 3350.
This course is designed to provide teacher candidates with opportunities to understand the importance of movement in the development and education of young children. Movement exploration, including problem solving and guided discovery activities, will be studied and experienced. Candidates will have the opportunity to participate in a variety of children's games and rhythmic activities as well as create and implement these activities to meet the needs of young children who differ in culture, ability, and language. Included in this course are 10 hours of observation and interaction with a learner in a naturalistic setting. Verification of professional liability insurance is required. Current use of technology will be integrated as communication and instructional tools.

ECE 3540 - Health, Wellness, and the Young Child. 3-0-3.
Prerequisite: Admission to the Birth-Five program; ECE 2205.
This course is designed to provide teacher candidates with opportunities to understand the importance of a healthy and safe environment for young children. Issues include infectious disease control, injury and accident prevention, chronic health care conditions and illnesses, child abuse and neglect, and proper meal planning and nutrition. Upon successful completion of this course, teacher candidates will be awarded certification in Basic First Aid and CPR for infants and young children.

ECE 3560 - Instructing Young Children through Art, Music, and the Aesthetic Domain. 3-0-3.
Prerequisite: Admission into the Birth-Five program; ECE 2205; ECE 3350.
The role of art, music and creativity will be explored. Teacher candidates will understand the relationship of the infant and young child's development to creative expression, art and music. Methods of implementing art, music and creative development in teaching infants and young children will be investigated.

ECE 3575 - International Approaches to Early Care and Learning. 3-0-3.
Prerequisite: Admission into the Birth-Five program; ECE 2205; ECE 3350.
This course addresses comparative early care of infants and children in international settings including countries in Asia, Africa, Europe, Central and South America, Italy, Australia, The United States and others. Students will explore the diversity of parenting, for example, neonatal and early child care education. The course will include a survey of the role of international agency support such as the World Health Organization, UNICEFF, Save the Children, and The World Bank and its role in eliminating world poverty.

ECE 3590 - Families, Schools, and Communities: Partners in Education. 2-1-3.
Prerequisite: Admission to the Birth-Five program; ECE 2205; ECE 3350.
This course analyzes family, school, and community resources as related to the family life cycle, explores child welfare and education and environmental approach, and exploration of careers related to children and families. Strategies to improve communication and collaboration are emphasized with a focus on family types, cultures, languages, economic conditions, school systems, community services, political forces, advocacy groups, and other factors that impact young children and their families. Ten hours of service learning in an approved site is required.

ECE 4305 - Motor Development and Refined Control of Movement. 3-0-3.
Prerequisite: ECE 3405. Corequisite: ECE 4315 and ECE 4320.
Students will learn how essential movement is to the physical, emotional, and cognitive development of children. They will learn to present children with motives of activity in which action and interest combine to provide irresistible activities that children love to repeat spontaneously. Students will understand that children develop independence and achieve concentration and self-realization when they work with developmentally appropriate materials. Students will learn to implement teaching strategies that enhance the child's physical, cognitive, emotional, and social development.

ECE 4315 - Sensorial Development. 3-0-3.
Prerequisite: ECE 3305. Corequisite: ECE 4305 and ECE 4320.
Candidates will learn to use a rich array of developmentally appropriate materials that address each of the child's senses in ways that establish foundations for cognitive growth. Work with these materials promotes the development that children need for the successful mastery of writing, reading, and mathematics skills. Candidates learn to give sensorial presentaions with Geometry, Botany, Geography, and Peace Education Curriculum materials and also learn to help children develop listening, sight singing and musical notation skills.

ECE 4320 - Observation and Supervised Practice Teaching - Early Childhood I. 1-7-5.
Prerequisite: ECE 3405. Corequisite: ECE 4305 and ECE 4315.
Candidates will learn to develop, plan, and implement strategies for the care and education of 3 to 5 year old children. Candidates will teach under the supervision of childcare professionals and university faculty. Candidates will develop skills in the presentation of developmentally appropriate practical life and sensorial materials to 3 to 5 year old children. Candidates meet with a university supervisor each week to review planning and teaching strategies and to discuss their concerns. Verification of professional liability insurance is required prior to placement in the teaching experience.

ECE 4335 - Acquisition of Language and Literacy Skills in One or More Languages. 3-0-3.
Prerequisite: ECE 4305 and ECE 4315. Corequisite: ECE 4336.
Students will be introduced to classified vocabulary and the presentation of the nomenclatures of Biology, Geography, Zoology, History, and the Arts that enrich and extend children's oral language skills. Students will be introduced to research-based key words, cursive sandpaper letters and movable alphabets help children develop phonemic awareness and achieve sound-symbol associations. Candidates will present writing activities that lead children to discovery reading spontaneously. Candidates will learn to apply the principles of second language acquisition research to the instruction of English language learners.

ECE 4336 - The Competent Manufacture and Presentation of Language Materials. 3-0-3.
Prerequisite: None. Corequisite: ECE 4335.
Students will manufacture and practice presenting the many research-based language materials designed for use in offering developmentally appropriate language arts presentations and activities to 3-5 year old children. These materials are not available from Montessori suppliers, so each teacher prepares 70 selected materials for his/her own classroom. Students practice with the materials to develop and refine the skills they need to give language presentations to young children effectively.

ECE 4345 - Preparing the Mathematical Mind of the Young Child. 3-0-3.
Prerequisite: ECE 4315. Corequisite: ECE 4355.
Research-based materials and teaching/learning strategies are used to present numeration and mathematics to young children. Candidates will learn to present linear counting, the four operations and tables, commulative and squaring operations, binomial addition, and the multiplication of polynomials to young children. Memorization materials are presented with which to review and enhance the recall of known number facts.

ECE 4355 - Observation and Supervised Practice Teaching - Early Childhood II. 0-9-6.
Prerequisite: ECE 3405. Corequisite: ECE 4335, ECE 4336, and ECE 4345.
Candidates will learn to develop, plan, and implement strategies for the care and education of 3-5 year old children. Candidates will teach under the supervision of child care professionals and university faculty. Candidates will develop skills in the presentation of developmentally appropriate language and mathematics materials to 4-5 year old children. Candidates will meet with a university supervisor each week to review planning and teaching strategies and to discuss their concerns. Verification of professional liability insurance is required prior to placement in the teaching experience.

ECE 4400 - Directed Study. 1-3.
Prerequisite: Approval of instructor and department chair prior to registration.
A directed study is a concentrated investigation of a particular aspect of education as a topic within a teaching field concentration

or degree major. The content of the directed study will be determined jointly by the instructor and the student.

ECE 4401 - Teaching Mathematics in Early Childhood Education. 2-5-3.
Prerequisite: EDUC 3302 and MATH 3317. Corequisite: HPS 3670.
This course is the study of integrating mathematics concepts, principles and processes into the teaching of mathematics in preschool through fifth grade. Emphasis will be placed upon developmentally appropriate practices in planning, implementing and evaluating instruction in the mathematics curriculum. Includes an extensive field experience as well as media use.

Notes: Verification of professional liability insurance is required prior to placement in the field experience.

ECE 4402 - Teaching Science in Early Childhood Education. 2-5-3.
Prerequisite: EDUC 3302, ISCI 2001 and ISCI 2002.
This course is the study of integrating science processes, principles and concepts into the teaching of science in preschool through fifth grade. Emphasis will be placed on the process-oriented inquiry method of teaching science, curriculum goals, design and planning and implementing and evaluating instruction in science. Includes an extensive field experience as well as the use of educational technology.

Notes: Verification of professional liability insurance is required prior to placement in the field experience.

ECE 4403 - Teaching Social Studies in Early Childhood Education. 2-5-3.
Prerequisite: EDUC 3302. HIST 2111 or HIST 2112.
The focus of this course is on the curriculum goals and content for social studies in the early grades. Emphasis will be placed on developing an integrated approach to social studies and on developing inquiry processes appropriate to the age and developmental levels of students in preschool through fifth grade. Includes an extensive field experience as well as media use.

Notes: Verification of professional liability insurance is required prior to placement in the field experience.

ECE 4404 - Teaching Reading & Language Arts Across the Curriculum in Early Childhood Education. 2-5-3.
Prerequisite: EDUC 3302 and ECE 3340.
This course encompasses the study of the integration of language arts across the curriculum and effective strategies for planning, implementing and evaluating instruction in reading, writing, listening and speaking in preschool through fifth grade. Emphasis on assessment techniques and approaches to conducting guided lessons in reading and writing that are culturally and developmentally appropriate. Includes an extensive field experience and media use.

Notes: Verification of professional liability insurance is required prior to placement in the field experience.

ECE 4405 - Teaching Language Arts and Social Studies in Early Childhood. 2-5-3.
Prerequisite: Admission to TOSS and ECE 3340.
This course includes the study and application of social studies and language arts as integrative elements of the elementary curriculum. Candidates will focus on the nature and theory in order to prepare students to become citizens actors, adopt problem solving dispositions and achieve excellence in the application of oral and written communication skills.

Notes: Verification of professional liability insurance is required prior to placement in the field experience.

ECE 4406 - Teaching of Elementary Education Internship. 0-9-3.
Prerequisite: Admission to EECE TOSS Program. Corequisite: ECE 4401; ECE 4402; ECE 4403; ECE 4404.
This course is an intensive and extensive field experience in an elementary school. Candidates will be required to spend seven and one half hours per day, five days a week, for four weeks. Candidates must have a satisfactory field experience to continue on to student teaching. Proof of professional liability insurance and a criminal background check are required prior to receiving a school placement.

ECE 4410 - Reading Across the Curriculum. 3-0-3.
Prerequisite: Admission to TOSS and ECE 3340.
This course includes an examination of the reading and writing processes in the content areas with a transition from learning to read and write to reading and writing to learn. Methods, strategies, and techniques for teaching reading and writing in all content areas to diverse populations with an emphasis on actual application of knowledge in the TOSS integrated unit and field experience are included. The selection and use of technology, including electronic texts, is explored. To be taken concurrently with ECE 4401, ECE 4402, and ECE 4405.

Notes: Verification of professional liability insurance is required prior to placement in the field experience.

ECE 4473 - Student Teaching: Early Childhood (P-5). 12.
Prerequisite: Admission to student teaching.
Full-time teaching experience under the supervision of a public school cooperating teacher and college supervisor. Verification of professional liability insurance is required before placement in student teaching.

ECE 4490 - Special Topics in Education. 1-3.
Prerequisite: Approval of instructor and department chair.
This course is comprised of selected special topics of interest to faculty and students.

ECON: Economics

ECON 1100 - Global Economics. 3-0-3.
Prerequisite: ENGL 0099, MATH 0099, READ 0099, if required.
Analysis of economic decision-making in a global setting. Examines the fundamental questions of economics as they relate to individuals, firms, and governments operating in an open economy. Topics covered include: a comparison of economic systems, how a market system works, the role of government in the economy, the basis for international trade, the dynamics of the global monetary system, and the impact of technology on economic growth.

Notes: This course is for non-business majors. This course will not count for business majors.

ECON 2100 - Principles of Microeconomics. 3-0-3.
Prerequisite: Business Majors: MATH 1111 or higher; Non-business Majors: 3 credit hours of MATH numbered 1101 or higher.
Analysis of price and output determination under various market structures, income distribution, resource allocation, domestic problems and international trade. This course is required for Business majors and International Affairs majors.

ECON 2200 - Principles of Macroeconomics. 3-0-3.
Prerequisite: Business Majors: ECON 2100, MATH 1111, and MATH 1106 or higher Calculus; Non-business Majors: ECON 2100 and 6 credit hours of MATH numbered 1101 or higher.
Analysis of socioeconomic goals, money and credit systems, theories of national income, employment and economic growth.

ECON 2300 - Business Statistics. 3-0-3.
Prerequisite: Business Majors: MATH 1111; Non-business Majors: MATH 1101.
An introduction to descriptive and inferential statistics with an emphasis on business applications. Topics covered include data summarization, probability distributions, sampling methods, confidence intervals, hypothesis testing, online data sources, and ethics in research. Small case studies are used to illustrate statistical applications within business settings.

ECON 3300 - Applied Statistical and Optimization Models. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours including MATH 1106, BISM 2100, ECON 2300, and permission of the Coles College of Business.
The study of quantitative models for decision-making within business operations. Topics include one-way ANOVA, simple and multiple linear regression, forecasting, linear programming optimization models, and decision analysis. Case studies are used to illustrate modeling applications within business settings, and spreadsheet software is used to assist in modeling and analysis.

ECON 3396 - Cooperative Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of the Coordinator of cooperative education/internships (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised work experience program for a minimum of two academic semesters at a site in business, industry, or government. For sophomore, junior, or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

ECON 3398 - Internship 1-9.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of the Coordinator of cooperative education/internships (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency, or government agency. A research paper is required to receive credit. For junior or senior students who wish to participate in an on the job experience in which they may apply their academic education. The work experience may not be with a current employer. This course will be graded on an S/U basis.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

ECON 4210 - Money and Financial Markets. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including ECON 2200 and FIN 3100 and Coles College of Business.
Analyzes the operation, structure, regulation, and control of financial markets emphasizing the effects on the level and term structure of interest rates, economic activity, and business decisions. Focuses on monetary theory, monetary and fiscal policies, the Federal Reserve System, and financial institutions, markets, and instruments.

ECON 4310 - Economic Development in Global Perspective. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours including ECON 2200 and permission of the Coles College of Business.
An analysis of key development issues both as they relate to individual countries and to factors linking countries, such as international trade and capital flows. Topics addressed include savings, investment, technology, demographics, human resources, and economic institutions. Investigates these topics for third world countries and those that are more economically advanced.

ECON 4400 - Directed Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of instructor and department chair prior to registration; Non-business Majors: Approval of instructor and the Coles College of Business.
Special topics of an advanced nature not in the regular course offerings.

ECON 4410 - International Trade and Finance. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours including ECON 2200 and permission of the Coles College of Business.
Principles of international trade and finance. Management of foreign operations of the firm within constraints of the international environment. Study of international currency flows, exchange rates and international banking practices.

ECON 4490 - Special Topics in Economics and Quantitative Analysis. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of instructor and department chair; Non-business Majors: Permission of instructor and the Coles College of Business.
Selected special topics of interest to faculty and students. This course may be taken more than once.

Notes: Up to 9 credit hours are permitted.

ECON 4510 - Microeconomics. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours including ECON 2200 and permission of the Coles College of Business.
Theory of the determination of price and output in both partial and general equilibrium. Topics include the theory of the firm, consumer behavior, analysis of market structures, welfare economics, social choice, the theory of games, and asymmetric information.

ECON 4530 - Public and Urban Economics. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours including ECON 2200 and permission of the Coles College of Business.
This course considers the application of economic models to analyze the role of government in correcting market failures, the effects of taxation and expenditure policies on the allocation of resources, and the distribution of income. There is an emphasis on the optimal provision of public goods, the incidence and behavioral effects of taxes, regulation of externalities, public choice and the spatial organization of the economy.

ECON 4550 - The Economics of Strategy. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and ECON 2300; Non-business Majors: 60 credit hours including ECON 2200 and permission of the Coles College of Business.
An economic analysis of the fundamental issues that underpin the firm's strategic pricing, production, and resource allocation decisions in alternative competitive environments. Topics include the horizontal, vertical and corporate boundaries of the firm, the nature of competitive markets and competitive interactions among firms, how the firm positions itself to compete, and how the firm designs its organizational architecture to support its competitive goals.

ECON 4610 - Macroeconomics. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours including ECON 2200 and permission of the Coles College of Business.
Analysis of the determination of output, employment, interest rates, and income with emphasis on the influence of fiscal and monetary policy.

ECON 4710 - Econometrics and Forecasting. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and ECON 2300; Non-business Majors: 60 credit hours including ECON 2200 and ECON 2300 or MATH 1107, and permission of the Coles College of Business.
Study of the tools used for estimating and forecasting demand, revenue and cost, as well as demographic characteristics of importance to an individual in a business decision-making position.

ECON 4750 - Multivariate Data Analysis. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and ECON 2300; Non-business Majors: 60 credit hours including ECON 2200, and ECON 2300 or MATH 1107, and permission of the Coles College of Business.
The theory and application of quantitative methods of data analysis. Emphasis is on the application of statistical principles to empirical model building in business and economics. Topics include regression analysis, analysis of variance, factor analysis, discriminant analysis, parametric and nonparametric tests, sampling techniques, and experimental design.

ECON 4810 - Quantitative Decision Models. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and ECON 2300; Non-business Majors: 60 credit hours including ECON 2200 and ECON 2300 or MATH 1107 and permission of the Coles College of Business.
The theory and application of quantitative decision models. Emphasis is on the formulation, solution, and interpretation of models with application to a variety of business problems. Topics include linear, integer, nonlinear, and dynamic programming, network analysis, duality, and postoptimality analysis.

ECON 4850 - Decision Analysis and Simulation. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and ECON 2300; Non-business Majors: 60 credit hours including ECON 2200, and ECON 2300 or MATH 1107, and permission of the Coles College of Business.
The theory and application of stochastic decision models. Emphasis is on the application of probability and simulation techniques to structure decision problems in business and economics. Topics include measurement of risk, decision processes, decision analysis, and static and dynamic simulation models.

EDMG: Education - Middle Grades

EDMG 2200 - Practicum. 1-3.
Prerequisite: Permission of advisor and department chair.
An assigned practicum in a classroom during which the student will be actively involved in the teaching-learning process under the guidance of a professional teacher. Proof of professional liability insurance is required prior to receiving a school placement.

EDMG 3300 - Success in the Middle: Adolescent Development and Middle School Advocacy. 3-0-3.
Prerequisite: Admission to teacher education program and EDUC 2130.
Candidates examine the development and diversity of the middle grades learner as well as the concept and philosophy of the middle school. Issues of teaching young adolescents and the unique role teachers must play as interdisciplinary team members, content specialists, advocates for the middle school and middle level learner are explored. Information from current research and exemplary practices will be used to extend candidate knowledge on special topics.

EDMG 3350 - Middle Level Curriculum, Instruction, and Assessment. 3-0-3.
Prerequisite: EDMG 3300.
This course is designed to provide the future middle grades teacher with the knowledge and skills necessary to design and evaluate effective curriculum, instruction, and assessment for a diverse population of middle grades learners. Topics include backwards design, best practices in curriculum and assessment, differentiation strategies, standards-based instruction, and analysis of test results in the middle grades classroom.

EDMG 3398 - Internship. 1-12.
Prerequisite: Permission of advisor and department chair.
A supervised work experience with an approved business firm, private agency or government agency. Credit is allowed only in elective areas.

Notes: Credit is allowed only in the elective areas.

EDMG 4400 - Directed Study. 1-3.
Prerequisite: Approval of instructor and department chair prior to registration.
A concentrated investigation of a particular aspect of education as a topic within a teaching field concentration or degree major. The content of the directed study will be determined jointly by the instructor and the student.

EDMG 4401 - Teaching Mathematics in Middle Grades. .3-0-3.
Prerequisite: EDUC 3350, at least four of the required teaching field Math courses.
This course is a segment of a 12-hour block designed to develop appropriate teaching strategies in mathematics. Students apply learning theories, teaching techniques, questioning strategies, instructional materials, and assessment procedures for middle grades learners. Candidates will develop and implement plans for teaching mathematics in an interdisciplinary team setting.

EDMG 4402 - Teaching Science in Middle Grades. 3-0-3.
Prerequisite: EDUC 3350, at least four of the required teaching field Science courses.
This course is a segment of a 12-hour block designed to develop appropriate teaching strategies in science. Students apply learning theories, teaching techniques, questioning strategies, instructional materials, and assessment procedures for middle grades learners. Candidates will develop and implement plans for teaching science in an interdisciplinary team setting.

EDMG 4403 - Teaching Social Studies in Middle Grades. 3-0-3.
Prerequisite: EDUC 3350, at least four of the required teaching field Social Studies courses.
This course is a segment of a 12-hour block designed to develop appropriate teaching strategies in social studies. Students apply learning theories, teaching techniques, questioning strategies, instructional materials, and assessment procedures for middle grades learners. Candidates will develop and implement plans for teaching social studies in an interdisciplinary team setting.

EDMG 4404 - Teaching Language Arts in Middle Grades. 3-0-3.
Prerequisite: EDUC 3350, at least four of the required teaching field Language Arts courses.
This course is a segment of a 12-hour block designed to develop appropriate teaching strategies in language arts. Students apply learning theories, teaching techniques, questioning strategies, instructional materials, and assessment procedures for middle grades learners. Candidates will develop and implement plans for teaching language arts in an interdisciplinary team setting.

EDMG 4405 - Curriculum and Instruction in Middle Grades.4-2-5.
Prerequisite: EDUC 3308.
This collaboratively taught course is a segment of an 11-hour block designed to develop appropriate teaming skills for middle grades teachers. The teaching team models instructional strategies that exemplify the philosophy of middle school education. Students become part of an instructional team to develop effective strategies for interdisciplinary settings. Student teams are paired with school instructional teams during an extensive field experience. Proof of liability insurance is required prior to school placement.

Notes: Proof of professional liability insurance is required prior to receiving a school placement.

EDMG 4406 - Methods and Management in the Middle Grades: Field Experience. 0-9-3.
Prerequisite: EDMG 3350. Corequisite: Corequisites: EDMG 4407 and two of EDMG 4401, EDMG 4402, EDMG 4403, and/or EDMG 4404.
This course is an intensive and extensive field experience in a middle school. Candidates will be required to spend up to four hours per day, four days per week in their placement. Candidates must have a satisfactory field experience to continue on to student teaching. Proof of liability insurance and criminal background check are required prior to receiving a school placement.

Notes: Proof of professional liability insurance and criminal background check are required prior to receiving a school placement.

EDMG 4407 - Classroom Management in the Middle Grades. 3-0-3.
Prerequisite: EDMG 3350. Corequisite: EDMG 4406 and two of EDMG 4401, EDMG 4402, EDMG 4403, EDMG 4404, and/or EDMG 4408.
The focus of this course is on preparing prospective middle grade teacher candidates to create and manage positive, productive classroom environments, including those in urban settings. It is understood that these classrooms typically include diverse groups of learners. Management is accomplished through both the development of a comprehensive understanding of the learning and behavior principles that underlie effective classroom management and acquisition of the strategies and skills needed to implement an effective management program.

EDMG 4408 - Teaching Reading in the Middle Grades. 3-0-3.
Prerequisite: EDMG 3350 and at least four courses in each chosen content area.
This course is a segment of a 12-hour block designed to develop appropriate teaching strategies in reading. Students apply learning theories, teaching techniques, questioning strategies, instructional materials, and assessment procedures for middle grades learners. Students will develop and implement plans for teaching reading in an interdisciplinary team setting. In an extensive field experience, students will teach middle grades learners.

Notes: Proof of professional liability insurance is required prior to receiving a school placement.

EDMG 4475 - Student Teaching in Middle Grades. 12.
Prerequisite: Admission to Student Teaching.
Full-time teaching experience under the supervision of a public school cooperating teacher and college supervisor in an upper elementary school classroom or in a middle school. Includes regularly scheduled professional seminars. Proof of liability insurance is required prior to school placement.

Notes: Proof of professional liability insurance is required prior to receiving a school placement.

EDMG 4490 - Special Topics in Education. 1-9.
Prerequisite: Permission of the instructor and department chair.
Selected special topics of interest to faculty and students.

EDMG 4498 - Classroom Internship. 1-12.
Prerequisite: Permission of director of Center for Education Placements and Partnerships and advisor.
A supervised teaching experience for teachers seeking certification or renewal credit. Proof of professional liability insurance is required

prior to receiving a school placement.

Notes: Proof of professional liability insurance is required prior to receiving a school placement.

EDRD: Education - Reading

EDRD 3320 - Understanding the Reader and the Reading Process. 3-0-3.
Prerequisite: Admission to Teacher Education.
A study of the socio-psycholinguistic foundations of reading and writing for teachers of adolescents. This course examines language development, reading acquisition, phonemic awareness, word identification, phonics, vocabulary, fluency, comprehension and motivation. It explores historical perspectives of reading, reading research and theory, and introduces students to a wide range of instructional practices and curriculum materials that meet the needs of all adolescent learners.

EDRD 3330 - Methods and Materials for Middle Grades Content Area Reading and Writing. 3-0-3.
Prerequisite: Admission to Teacher Education.
A study of methods and materials for reading and writing to learn in the middle grades. Emphasis will be placed on making meaning from a variety of text sources including young adult literature, technical, informational, environmental, and media. Instructional strategies for reading and writing in content areas will be showcased. This course acquaints candidates with a reading and writing experience using diverse works for adolescents, introduces students to text selection and electronic database media resources for middle grades classrooms. A focus on language and cultural diversity is included.

EDRD 3350 - Integrated Reading/Writing Instruction in the Middle Grades. 3-0-3.
Prerequisite: ENGL 1102.
This course is designed to develop appropriate research-based teaching strategies that will enable candidates teaching or mentoring in a middle grades classroom to effectively integrate reading and wiritng instruction. Candidates will apply learning theories, teaching techniques, instructional materials, and assessment procedures for middle grades learners that apply to both reading and writing instruction. Students will develop and implement plans for teaching writing through content area reading texts that promote critical thinking and cross-curricular engagement.

EDRD 3360 - Introduction to New Literacies. 3-0-3.
Prerequisite: EDRD 3320.
This course is an introduction to the evolving and multifaceted concept of literacy and its implications for adolescents in both instruction and motivation. Types of literacy to be explored include: media, digital, global, and critical literacies. Emphasis wil be placed on understanding universal design in education, considering the impact of technology on literacy, evaluating texts as being current, accurate, and relevant, and developing meaningful plans to incorporate such texts into their classrooms.

EDRD 4409 - Young Adult Literature: Cross-Curricular Approaches for Diverse Learners. 3-0-3.
Prerequisite: Admission to Teacher Education.
This course provides an understanding for selecting and using diverse young adult literature in middle grades classrooms. It examines reading and writing theories and introduces students to various methodologies for teaching literature. It acquaints students with a reading and writing experience using diverse literary works for adolescents, introduces students to book selection aids and electronic database media resources for middle grades environments.

EDRD 4410 - Reading to Learn in the Content Areas. 3-0-3.
Prerequisite: Admission to Teacher Education.
A study of concepts and strategies involved in reading to learn in the content areas. Teacher candidates will study types of text; instructional grouping options; factors related to the reader, text, and context; and strategies to be applied before, during, and after reading. In addition, candidates will explore methods for evaluating textbooks, sources to supplement textbook reading, and ways to use technology within instruction. This course places a heavy emphasis on instruction for strategic reading and writing that meets the individual needs of all adolescent readers. This course is for majors in secondary education only.

EDRD 4411 - Reading Diagnostics for Teachers of Adolescents. 3-0-3.
Prerequisite: Admission to Teacher Education.
An introduction to a wide range of reading assessment instruments including reading inventories, miscue analysis, and pausing

indices used for understanding the individual and diverse needs of adolescents. Teacher candidates in this course will examine both informal and formal assessments including technology-based assessment. Candidates will use assessment data to plan, evaluate, and revise effective reading instruction that meets the diverse needs of students. A field component is included.

EDRD 4420 - Teaching Adolescents with Disabilities in Literacy. 3-0-3.
Prerequisite: EDRD 3320.
This course prepares prospective content teachers to increase the literacy of students with disabilities in inclusive classrooms. Teacher candidates will learn to: (a) recognize various types of reading and writing disabilities; (b) effectively implement Response to Instruction; (c) develop inclusive, multilevel lesson plans embed accomodations and modifications; (d) identify appropriate roles for parents in fostering literacy in students with disabilities; and (e) work collaboratively with special education teachers.

EDUC: Education

EDUC 2110 - Investigating Critical and Contemporary Issues in Education. 2-1-3.
Prerequisite: ENGL 1102.
This course engages potential education candidates in observations and interactions in schools, and analyses of critical and contemporary educational issues. Candidates investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. Candidates actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, candidates reflect on and interpret the meaning of education and schooling in a diverse culture. Includes the use of current technologies which are directly related to effective teaching and 15 hours of observation and participation in an appropriate school setting elementary/early childhood, middle grades, secondary or P-12 environments. Verification of professional liability insurance and a criminal background check are required prior to receiving a school placement.

Notes: Verification of professional liability insurance and a criminal background check are required prior to receiving a school placement.

EDUC 2120 - Sociocultural Influences on Teaching and Learning. 2-1-3.
Prerequisite: None.
This course introduces teachers to fundamental knowledge of culture essential for effective teaching in increasingly diverse classrooms. Designed as a foundation course for subsequent courses focused on the preparation of culturally responsive teachers, this course examines 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definition and implications of diversity. Includes 15 hours of observation and participation in an appropriate school setting-elementary/early childhood, middle grades, secondary or P-12 environments. Verification of professional liability insurance and a criminal background check are required prior to receiving a school placement.

EDUC 2130 - Exploring Teaching and Learning. 2-1-3.
Prerequisite: EDUC 2110.
This course explores key aspects of learning and teaching through examining your own learning processes and those of others, with the goal of applying your knowledge to enhance the learning of all students in a variety of educational settings and contexts. Includes 10 hours of observation and interaction with a learner in a naturalistic setting. Current use of technology will be integrated as communication and instructional tools. Verification of professional liability insurance is required.

EDUC 2201 - Teaching and Schools in a Changing Society. 2-2-3.
Prerequisite: ENGL 1102.
An introductory study of current issues and problems in American education from historical, political, economic, social, philosophical, multicultural, and global perspectives. Focuses on efforts of schools to adapt to a changing society, the role of the teacher as a professional educator and professional ethics. Includes the use of current technologies which are directly related to effective teaching and 30 hours of observation and participation in a classroom setting appropriate to the students' professional interests in elementary/early childhood, middle grades, secondary, or P-12 education. Verification of professional liability insurance is required prior to prior to enrolling in this course.

EDUC 2202 - Life Span Development: Adolescent and Young Adulthood Emphasis. 3-0-3.
Prerequisite: ENGL 1102.
A study of human development through the life span addressing social, moral, emotional, physical, cognitive and psychological development, with an emphasis on how these relate to learning and instruction of adolescents and young adults. Course examines impact of learning styles, developmental and cultural differences, and various levels of student abilities, exceptionalities, and health. Current use of technology will be integrated as communication and instructional tools. Teacher candidates will have the opportunity to observe in naturalistic settings.

EDUC 2204 - Human Growth, Development and Learning. 3-0-3.
Prerequisite: ENGL 1102.
A study of human development through the life span with emphasis on social, moral, emotional, physical, cognitive and psychological development as these relate to learning and instruction. Includes discussing learning styles, developmental and cultural differences, wide range of abilities and exceptionalities, and health. Current use of technology will be integrated as communication and instructional tools. Students will observe children in naturalistic settings, such as schools and day care centers.

EDUC 3302 - Curriculum and Assessment. 3-0-3.
Prerequisite: Admission to Teacher Education.
Corequisite: ECE 3320.
Examines theories and principles of curriculum and assessment. Focus is placed on the identification and construction of learning outcomes and the development and selection of culturally responsive units and lesson plans. Focus is also placed on standardized and teacher constructed assessment tools consistent with these objectives. Emphasis is placed on the use of assessment tools for instructional decision-making. Technology is integrated for enhancing and assisting instruction.

EDUC 3308 - Learning, Motivation, and Classroom Management. 3-0-3.
Prerequisite: Admission to Teacher Education.
Examines theories, models, and principles of learning, motivation, and classroom management in schools. In level-specific modules, particular emphasis is placed on the application of theoretical principles to early childhood, middle grades, or secondary classroom settings. Addresses learning theories, motivational theories, learning styles and individual differences, and models and strategies for implementing effective systems of time, material, environment and behavior management in diverse classroom settings. Various technological applications, including the World Wide Web, e-mail, and presentation software, will be utilized.

EDUC 3310 - Multicultural Perspectives in Teaching and Learning. 2-0-2.
Prerequisite: EDUC 2201.
A study of the influence of diversity on teaching and learning in a pluralistic, democratic society. Examines theories and models of instruction for diversities in race, class, gender, religion, language and exceptionality found in multicultural classrooms.

EDUC 4490 - Special Topics in Education. 1-6.
Prerequisite: Permission of the instructor and department chair.
Selected special topics of interest to faculty and students.

ENED: English Education

ENED 4000 - Service Learning in English Education. 1-3.
Prerequisite: 60 hours and permission of instructor and department chair/program director.
A community activity which links learning to life by connecting meaningful community service activities with academic learning, personal growth, and civic responsibility. Activity will be designed with the instructor and approved by the chair/program director.

ENED 4414 - Teaching of English/Language Arts. 6-0-6.
Prerequisite: ENGL 3310, ENGL 3391 and admission to Teacher Education.
An examination and application of curriculum issues, learning theories, teaching strategies, instructional materials, and assessment

procedures for teaching secondary school English/Language Arts in the multicultural and diverse classroom of today. Emphasis is on developing teachers who possess the capability, intent, and expertise to facilitate high levels of learning in all of their students through effective, research-based practices in the classroom.

ENED 4415 - Teaching of English/Language Arts (6-12) Internship
Prerequisite: Admission to ENED 4414. Corequisite: ENED 4415.
Secondary school field experience in English/Language Arts teaching with concurrent seminars. Proof of professional liability insurance is required prior to school placement.

ENED 4475 - Student Teaching: English (6-12). 12.
Prerequisite: ENED 4414, ENED 4415, and approval of Field Experience Application.
Full-time teaching experience in English under the supervision of a secondary school cooperating teacher and a college English education supervisor. Includes regularly scheduled seminars. Proof of liability insurance is required prior to school placement.

ENED 4490 - Special Topics in English Education. 1-6.
Prerequisite: Permission of the instructor and department chair.
Selected special topics of interest to faculty and students.

ENED 4498 - Internship in Teaching English. 0-18-12.
Prerequisite: Provisional teaching license issued by State of Georgia, full-time employment teaching English.
Student teaching experience in English for employed, provisionally certified teachers. Supervision will be in collaboration with a mentor-teacher in the local school and a university English education supervisor. When taken for 12 hours of credit at the same school, this internship will automatically substitute for ENED 4475. Proof of professional liability insurance is required. Students are responsible for their own school placements.

ENGL: English

(Note: Upper-level writing courses, see WRIT prefix)

ENGL 0020 - Principles of Writing for the Regents' Test. 3-0-0.
Prerequisite: None.
Instruction and review for the Regents' Test with emphasis on principles and patterns of academic writing.

Notes: Required of students who have failed the essay portion of the test.

ENGL 0099 - Writing for Academic Purposes. 3-0-0.
Prerequisite: Placement by COMPASS Examination by the Admissions Office, or by the Department of Learning Support Programs.
A Learning Support Programs course that prepares students for credit courses in English. Emphasizes principles of good writing, particularly in clear and logically written essays.

ENGL 1101 - Composition I. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099 if required.
Focuses on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation. Also includes introductory use of a variety of research skills.

ENGL 1102 - Composition II. 3-0-3.
Prerequisite: ENGL 1101 (with C or better).
Focuses on developing writing skills beyond the levels of proficiency required by ENGL 1101. Emphasizes interpretation and evaluation and advanced research methods. .

ENGL 2110 - World Literature. 3-0-3.
Prerequisite: ENGL 1102 (with C or better).
A study of world literature that explores human experience by examining diverse aesthetic and cultural perspectives from ancient to modern times.

ENGL 2145 - Introduction to English Studies. 3-0-3.
Prerequisite: ENGL 2110.
This course introduces students to the reading, writing, research, and critical strategies essential to KSU English Studies. The course draws connections among the four content areas in the English Department (Literature, Language, Writing, and Theory) and focuses

on their relationship to broader social and personal contexts, enabling students to make informed choices about their program of study and their careers.

ENGL 2160 - American Literature Survey. 3-0-3.
Prerequisite: ENGL 2110.
A survey of American Literature from its beginnings to the present.

ENGL 2172 - British Literature, Beginnings to 1660. 3-0-3.
Prerequisite: ENGL 2110.
A survey of British Literature from its beginnings to 1660.

ENGL 2174 - British Literature, 1660 to Present. 3-0-3.
Prerequisite: ENGL 2110.
A survey of British Literature from the Restoration to the present.

ENGL 2271 - Presentation in the English/Language Arts Classroom. 3-0-3.
Prerequisite: ENGL 2110.
Professional and community standards demand that English teachers model effective language arts skills and applications. In this course, students will prepare for that role. They will study, practice, and apply the effective language strategies and skills needed to guide today's English/Language Arts classrooms.

ENGL 2300 - African and African Diaspora Literatures. 3-0-3.
Prerequisite: ENGL 1102.
A survey of world literatures of Africa and African Diaspora in the areas of orature, literature, performance texts, film and/or other media produced in Africa and the African Diaspora from the ancient to modern times.

ENGL 3030 - Studies in Grammar and Linguistics. 3-0-3.
Prerequisite: ENGL 2110.
A study of the theories and methods of linguistics as applied to language acquisition, advanced grammar, or the historical development of American English.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 3035 - Introduction to Language and Linguistics. 3-0-3.
Prerequisite: ENGL 2110.
This course will analyze the nature of human language. It will include an introduction to speech sounds, morphology, syntax, and semantics. A heavy emphasis will be placed on the social and pedagogical implications of modern linguistic theory which will include an examination of issues such as language acquisition, dialect variation, historical linguistics and English as a Second Language.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 3040 - History of the English Language. 3-0-3.
Prerequisite: ENGL 2110.
A study of the development of English, with attention to influential historical events and to the evolving structure of the language.

Notes: The influence of dialect and other factors on American English may be included.

ENGL 3230 - Literary Genre. 3-0-3.
Prerequisite: ENGL 2110.
A study of the development and history of a particular literary form, such as narrative, poetry, or drama, through the exploration of representative works. Particular attention given to the evolution of new strategies for the creation and reception of the genre and to the aesthetic, historical, and cultural conditions that shape those strategies.

ENGL 3232 - Topics in Drama. 3-0-3.
Prerequisite: ENGL 2110.
A study of selected topics, authors, or periods of dramatic literature. The course will also address the fundamental literary generic characteristics of dramatic form, including plot, character, action, and setting, as well as the conventions of dramatic genres tragedy, comedy, tragicomedy, closet, and narrative drama.

ENGL 3241 - Technology and Digital Media in English/Language Arts. 3-0-3.
Prerequisite: ENGL 2110.
The purpose of this course is for future English/Language Arts teachers to study and create a wide range of print and non-print texts for multiple purposes. Students will learn how to use and integrate technologies into the twenty-first century English/Language Arts classroom.

ENGL 3310 - Principles of Writing Instruction. 6-0-6.
Prerequisite: ENGL 2110 and ENGL 2271.
An exploration of current theories of grammar instruction and theories of composition pedagogy and assessment, including a variety of strategies for teaching writing while dealing with institutional policies such as standardized testing. Students will also acquire competence in oral and written communication, understand what grammar errors reveal about writing, learn about syntactic complexity in writing, and study grammatical structures that promote syntactic growth and diversity of style in writing. In a writing workshop environment, students will write for a variety of purposes and audiences.

ENGL 3320 - Scriptural Literature. 3-0-3.
Prerequisite: ENGL 2110.
Study of authors, themes, genres, and composition of scriptural writings.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 3322 - Hebrew Scriptures of the Bible as Literature. 3-0-3.
Prerequisite: ENGL 2110.
This course is a study of the Hebrew Scriptures of the Bible, known to Christians as the Old Testament, as literature, concerning its aesthetic value with respect to authors, themes, genres, and composition within the context of its original Hebrew and Jewish audiences. Students will improve and refine their abilities to read, think, write, and speak critically and cogently about scriptural literature and have an increased familiarity with much of the Hebrew Bible.

ENGL 3324 - New Testament of the Bible as Literature. 3-0-3.Hours
Prerequisite: ENGL 2110.
This course is a study of the New Testament of the Bible as literature, concerning its aesthetic value with respect to authors, themes, genres, and composition within the context of its original Mediterranean audiences. Students will improve and refine their abilities to read, think, write, and speak critically and cogently about scriptural literature and have an increased familiarity with much of the New Testament.

ENGL 3330 - Gender Studies. 3-0-3.
Prerequisite: ENGL 2110.
A study of literature using gender as the primary category of analysis. Viewing gender as a social construction, it will consider literature's exploration of such issues as gendered roles in society, interactions between private and public life, gender's relation to canon formation, and the ways in which individuals may struggle to define their place in culture in the face of gendered expectations. Texts studied might include published literature, primary sources such as letters and diaries, public documents, non-print texts such as films, and material culture objects. A particular offering might focus on a region or nation, a time period, a theme, a representative individual, or some combination.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 3340 - Ethnic Literatures. 3-0-3.
Prerequisite: ENGL 2110.
A study of literature using ethnicity as the primary category of analysis. Individual offerings of the course might survey a range of ethnic literatures (e.g., Asian American, Chicano, Native American, Jewish) or explore one such body of texts (e.g., Caribbean literatures).

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 3350 - Regional Literature. 3-0-3.
Prerequisite: ENGL 2110.
A study of literature using region as the primary category of analysis. Texts might include fiction and nonfiction, performance texts (such as drama and folktales from the oral tradition), and examples of material culture (e.g., architecture, home furnishings, and clothing). The class might focus on a specific geographic region (e.g., the American South, the Caribbean); a comparative study of regional culture (Faulkner's Yoknapatawpa vs. Hardy's Wessex, Hawthorne's and Melville's New England vs. Sedgwick's and Jewett's New England); or authors or themes closely associated with a region (e.g., Cather's West, Race and Religion in the South).

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 3360 - Major African American Writers. 3-0-3.
Prerequisite: ENGL 2110.
Development of African American literature with emphasis on major writers defining trends, movements, genres, and themes.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 3390 - Great Works for Middle Grades Teachers. 3-0-3.
Prerequisite: ENGL 2110.
A survey of classic literature written by diverse authors. The texts studied are frequently found in middle grades classroom. Focus will be on text analysis and writing about literature.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 3391 - Teaching Literature to Adolescents. 3-0-3.
Prerequisite: ENGL 2110.
Using narrative as a central genre, this course introduces current English teaching philosophy and practice in teaching literature to adolescents. This course models current ways to integrate technology into the curriculum, identifies a variety of multicultural teaching texts, and extends the study of critical theory into the teaching of literature to adolescents.

ENGL 3396 - Cooperative Study. 1-3.
Prerequisite: Approval of coordinator of cooperative education/internships (Career Services).
A supervised work experience program for a minimum of two semesters at a site in business, industry or government. For sophomore, junior, or senior-level students who wish to obtain on-he-job experience in conjunction with their academic training.

ENGL 3398 - Internship. 1-9.
Prerequisite: Approval of departmental internship adviser.
Supervised, credit-earning work experience of one semester with a previously approved business firm, private agency, or government agency.

Notes: Credit is allowed only in related studies or free elective areas.

ENGL 3400 - Survey of African Literatures. 3-0-3.
Prerequisite: ENGL 2110.
A survey of African literatures, including the orature, literature, performance texts, film and/or other media produced in each quadrant of Africa, from early times to the present day. For example, the course might survey African narrative, looking at a selection of early epics, folktales, short stories or novels representing themes, motifs, and styles in each quadrant of Africa.

ENGL 3500 - Topics in African American Literature. 3-0-3.
Prerequisite: ENGL 2110.
A study of a selected topic in the areas of orature, literature, performance texts, film and/or other media produced by African Americans. For example the course might focus on a single artist (such as Ralph Ellison), a group of artists (such as writers of the Harlem Renaissance), a genre (such as the slave narrative), a source or technique (such as folklore in twentieth century novels), or a theme or issue (such as depictions of women, the oral-musical tradition or humor and signifying).

ENGL 3600 - Topics in African Diaspora Literatures. 3-0-3.
Prerequisite: ENGL 2110.
A study of a selected topic in the areas of orature, literature, film and/or other media produced in the African Diaspora. For example, the course might focus on a single author or group of authors: "The Novels of Paule Marshall"; a country or region: "Caribbean Literatures"; a movement or an event: "Post-Colonial Caribbean Literatures"; a theme or issue: "Twentieth-Century Caribbean Women Writers"; a genre: "African, African American and Afro-Caribbean Autobiography"; or, a combination of these or other categories.

ENGL 4220 - Critical Theory. 3-0-3.
Prerequisite: ENGL 2145.
An advanced course in interpretive theoretical paradigms as applied to the study of literature and culture, focusing on critical models such as Marxism, Structuralism, Post-structuralism, Deconstruction, Psychoanalytic criticism, and Gender, Ethnic, and Cultural studies.

ENGL 4230 - Theory-Based Studies in Literature. 3-0-3.
Prerequisite: ENGL 2145.
Concentration on the interpretive strategies and conceptual framework of one of the major paradigms of contemporary literary theory, with attention to the ways in which those paradigms enable the study of a select group of texts, both literary and nonliterary. Topics may include Feminist theory, Marxism, Post-Colonialism, Psychoanalytic Criticism, Cultural Materialism, Ethnic studies, Gender studies, New-Historicism, and Reader Response theories.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4240 - Rhetorical Theory. 3-0-3.
Prerequisite: "C" or better grade in ENGL 2110.
This course is a study of major texts in rhetorical theory from antiquity to the present, focusing on the major issues in rhetoric, especially the relationship of language to truth and knowledge; students gain practice in using rhetorical concepts to analyze both literary and non-literary texts and produce effective written and spoken arguments.

ENGL 4340 - Shakespeare. 3-0-3.
Prerequisite: ENGL 2110.
A study of selected comedies, histories, and tragedies, covering the range of Shakespeare's dramatic art. May include dramatic form and poetic composition as commentaries on the dramatic genres and an examination of performance theory and practice.

ENGL 4360 - American Literature Before 1800
3 Class Hours 0 Laboratory Hours 3 Credit Hours
Prerequisite: ENGL 2145.
Literary studies of colonial and early United States literature. Prior to 1800 in the Americas, complex and diverse encounters of Old and New World cultures resulted in the Constitution of the United States of America and the emergence of its wide range of literatures.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4370 - British Medieval and Chaucerian Literature. 3-0-3.
Prerequisite: ENGL 2145.
Studies in Middle English literature, including Chaucer. May include prose, poetry, and drama and investigate aesthetic, intellectual, and social issues.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4372 - British Renaissance Literature. 3-0-3.
Prerequisite: ENGL 2145.
British literature from the late fifteenth century to 1660, generally exclusive of Shakespeare. May include poetry, prose, and drama and investigate aesthetic, intellectual, and social issues.

ENGL 4374 - Studies in Restoration and Eighteenth-Century Literature. 3-0-3.
Prerequisite: ENGL 2145.
British literature from 1660 to the late eighteenth century. May include poetry, prose, and drama and investigate aesthetic, intellectual, and social issues.

ENGL 4380 - World Literature Before 1800. 3-0-3.
Prerequisite: ENGL 2145.
A study of representative texts, major themes, or literary movements of the period, emphasizing aesthetic and social understanding. The course may examine Western and non-Western cultures.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4400 - Directed Study. 1-3 .
Prerequisite: Approval of instructor, curriculum committee, and department chair required prior to registration.
Selected topics of an advanced nature that may include original research for superior students. Normally for projects not served through pre-established curriculum.

ENGL 4401 - Topics in African Literatures
Prerequisite: ENGL 2110.
A study of a selected topic in the areas of orature, literature, performance texts, film and/or other media produced in Africa. For example, the course might focus on a single

author or a group of authors: "The Plays of Wole Soyinka"; a region or a country: "Twentieth Century South African Literature"; a movement or an event: "African Writers of the Negritude Movement"; a theme an issue: "Women's Rights in African Literature," or a combination these or other categories.

ENGL 4460 - 19th-Century American Literature. 3-0-3.
Prerequisite: ENGL 2145.
A study of representative writers in American literature in the nineteenth century.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4470 - 19th-Century British Literature. 3-0-3.
Prerequisite: ENGL 2145.
Studies in Romantic and Victorian literature, from the 1780s to the end of the nineteenth century, examining such aesthetic and social themes as the nature and role of the artist, the impulse toward gothicism, the rise of the autobiography, responses to industrialization, and the conflict between tradition and change, as these are expressed in representative texts of the period.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4480 - 19th-Century World Literature. 3-0-3.
Prerequisite: ENGL 2145.
A study of representative texts, major themes, or literary movements of the nineteenth century, emphasizing aesthetic and social understanding. The course may examine Western and non-Western cultures.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4490 - Special Topics in English. 3-0-3.
Prerequisite: ENGL 2110.
A study of selected topics of special interest to faculty and students.

ENGL 4560 - 20th-Century American Literature. 3-0-3.
Prerequisite: ENGL 2145.
A study of representative texts, major themes, or literary movements in twentieth-century America, emphasizing aesthetic and social understanding.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4570 - 20th-Century British Literature. 3-0-3.
Prerequisite: ENGL 2145.
A study of representative twentieth-century British literature.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4580 - 20th-Century World Literature. 3-0-3.
Prerequisite: ENGL 2145.
A study of representative texts, major themes, or literary movements of twentieth-century literature, emphasizing aesthetic and social understanding.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ENGL 4620 - Senior Seminar. 3-0-3.
Prerequisite: Completion of 90 hours.
Detailed study of a literary, artistic, or cultural movement, theme, trend, or philosophy with literary texts as the focal point but exploring works in related fields, culminating in the preparation of an original, substantial, and researched seminar paper, which is to be presented orally and formally. The course will be open to English and other majors.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

ESL: English as a Second Language

ESL 1105 - Grammar Seminar for International Students. 3-0-3.
Prerequisite: None.
This course is an individualized and small group seminar open to all Kennesaw State University students for whom English is a second language. International students will discuss North American English (NAE) grammar and its academic applications, focusing on those features of the language that are most problematic for second language writers and speakers. The development of editing skills is emphasized.

ESL 1106 - Pronunciation Seminar for International Students. 3-0-3.
Prerequisite: None.
This course is an individualized and small group seminar open to all Kennesaw State University students for whom English is a second language. The course is designed to assist intermediate to advanced ESL students in pronunciation, focusing on North American English (NAE). Emphasis is placed on communicating effectively in authentic situations, self- and peer-monitoring, connecting listening with speaking, and eliminating speech elements that impede communication.

FAED: Fine Arts Education

FAED 3340 - Music and Art for the Elementary School. 0-4-2.
Prerequisite: 45 credit hours.
A course designed for preparing elementary school educators to integrate meaningful art and music experience into the classroom. Prospective elementary classroom educators develop basic concepts, skills, methods of instruction, and teaching competencies in the specific areas of music and art.

FILM: Film

FILM 3105 - Fundamentals of Writing for Film and Television. 3-0-3.
Prerequisite: ENGL 2110.
This course is an introduction to the skills used in dramatic writing, especially in film and television. The objective is to "demystify" the art and craft of writing movies and TV shows. Along with lecture and instruction, students will read scripts, write scenes, and watch movies and TV shows. The purpose of this class is not to complete full-length works, but to master the scene and story structure. In addition to basic craft and the principals of story, students will also learn how to create and pitch saleable movie and TV concepts. From how to handle money to managing agents, from how to work under the pressures of production to writing for the celebrity-actor, students will begin to learn what they need to break into Hollywood and stay there. This is not a traditional academic course, but the beginning of professional training for those who want to work in the entertainment industry

FILM 3200 - Film History and Theory I. 3-0-3.
Prerequisite: ENGL 2110.
A survey of the major developments, movements, and critical approaches in international cinema from 1895-1950, this course emphasizes an understanding of the historical, cultural, commercial, and aesthetic contexts that influence film, but also develops the student's understanding of a film's narrative and visual structure and its place within established theoretical traditions.

FILM 3210 - Film History and Theory II. 3-0-3.
Prerequisite: English 2110.
This course is a survey of the major developments, movements, and critical approaches in international cinema since 1950, including a consideration of American independent film and recent digital cinema. The course emphasizes an understanding of the historical, cultural, commercial, and aesthetic contexts that influence film, but also develops the student's understanding of a film's narrative and visual structure and its place within established theoretical traditions.

FILM 3220 - Studies in Film. 3-0-3.
Prerequisite: ENGL 2110.
Analysis of film from such perspectives as genre, literary and film aesthetics, and literary adaptation. May include screening of selected films.

FILM 4105 - Advanced Writing for Film and Television. 3-0-3.
Prerequisite: FILM 3105.
Using the basic skills gained in the fundamentals course (FILM 3105), students will

now expand beyond mastery of the scene and write an entire film or television script over the course of the semester. This is an intensive writing course. Along with a strong desire to write professionally, independence, discipline and collegiality are requisites for success in this course. Students must come to class prepared with at least one story idea for an original full-length movie, pilot TV series, or speculative episode of a TV series in mind. Students will be divided into groups, based loosely on genre. In addition to their work in class, students will also work with each other out of class. Students will complete the class with an original script, advanced knowledge of the screen and television writing crafts, and experience in the professional collaborative process.

FILM 4200 - Advanced Studies in Film. 3-0-3.
Prerequisite: FILM 3200 or FILM 3220, or permission of instructor.
An intensive study of selected topics in American and international cinema, emphasizing critical theory and analysis of films and related readings.

FIN: Finance

FIN 2500 - Consumer Finance. 3-0-3.
Prerequisite: All developmental studies courses if required.
A nontechnical course designed to develop an understanding of the basic principles and techniques as they apply to personal income, spending and investing. Emphasis is placed upon financial planning, budgeting, saving, home ownership, estate planning, and retirement.

Notes: This course is for non-business majors.

FIN 3100 - Principles of Finance. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours including ACCT 2100, ACCT 2200, ECON 2100, ECON 2200, and permission of the Coles College of Business.
An introductory course designed to develop knowledge of the basic concepts, principles, and functions of managerial finance. Topics include the time value of money, valuation of bonds and stocks, financial analysis, working capital management, capital budgeting, and capital structure strategies.

FIN 3396 - Cooperative Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, FIN 3100, and approval of the Coordinator of cooperative education/internships (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised work experience program for a minimum of two academic semesters at a site in business, industry, or government. For sophomore, junior, or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

FIN 3398 - Internship. 1-9.
Prerequisite: Business Majors: Sophomore GPA Requirement, FIN 3100, and approval of the Coordinator of cooperative education internships (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency, or government agency. A research paper is required to receive credit. For junior or senior students who wish to participate in an on the job experience in which they may apply their academic education. The work experience may not be with a current employer. This course will be graded on an S/U basis.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

FIN 4220 - Corporate Finance. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100 and permission of the Coles College of Business.
Application of the principles and concepts of finance to the acquisition and management of corporate assets and financial resources, the management of the firm's capital structure, and development of dividend policy.

FIN 4260 - Short Term Financial Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100 and permission of the Coles College of Business.
Focuses on the structure and functioning of payment systems, the management of short-

term assets and short-term liabilities of the business firm, and the impact of computer and communications technologies on financial management systems.

FIN 4320 - Fixed Income Securities. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100 and permission of the Coles College of Business.
This course provides students with knowledge of the fixed-income markets. The course will cover the pricing and risk management of fixed-income securities, and an introduction to fixed-income derivatives. It covers interest rate management, product fundamentals, and portfolio strategies. This course is a valuable preparation for students interested in taking the Chartered Financial Analysts (CFA) examination.

FIN 4360 - Investments
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100 and permission of the Coles College of Business.
This course provides students with working knowledge of equity securities and portfolio management with an emphasis on the fundamental trade-off between risk and return. The course covers securities markets, efficient diversification, asset pricing models, and investment strategies of individual and institutional investors. It also introduces students to bonds and financial derivative products.

FIN 4400 - Directed Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, FIN 3100, and approval of instructor and department chair prior to registration; Non-business Majors: FIN 3100 and approval of instructor, department chair, and permission of the Coles College of Business.
Special topics of an advanced nature not in the regular course offerings.

FIN 4420 - International Financial Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100 and permission of the Coles College of Business.
Investigates the implications for financial decision making rules and policies that result from consideration of an international financial perspective.

FIN 4490 - Special Topics in Finance. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, FIN 3100, and approval of instructor and department chair; Non-business Majors: FIN 3100 and approval of instructor, department chair, and permission of the Coles College of Business.
Selected special topics of interest to faculty and students. This course may be taken more than once.

FIN 4520 - Financial Derivatives and Financial Engineering. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100 and permission of the Coles College of Business.
This course is designed to help students gain a thorough understanding of the roles of futures, options, and other financial derivatives in allocating risk; the design of financial derivatives; the valuation of financial derivatives; and their applications to financial risk management problems.

FIN 4560 - Behavioral Finance. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100 and permission of the Coles College of Business.
The tools and applications of behavioral finance are presented. Topics include expected utility, prospect theory and mental accounting; conventional finance and challenges to market efficiency; heuristics and biases, overconfidence and emotion; financial decision-making stemming from psychology; behavioral explanations of observed behavioral anomalies; aggregate stock market puzzles; and retirement and pensions.

FIN 4620 - Financial Management of Financial Institutions. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100 and permission of the Coles College of Business.
Financial decision making concepts are applied to the particular financial management issues of financial institutions, including funds acquisition and management of operations and capital investments.

FL: Foreign Language

FL 1001 - Introduction to Foreign Language and Culture I. 3-0-3.
Prerequisite: ENGL 0099 or READ 0099 if required.
Introduction to a foreign language and culture, stressing progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of the culture being studied.

Notes: Not open to native speakers of the language.

FL 1002 - Introduction to Foreign Language and Culture II. 3-0-3.
Prerequisite: One year of foreign language in high school or FL 1001 or the equivalent.
Introduction to foreign language and culture, part II, stressing continued, progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of the culture being studied.

Notes: Not open to native speakers of the language.

FL 2001 - Intermediate Foreign Language and Culture I. 3-0-3.
Prerequisite: FL 1002 or permission of instructor.
The student will continue to develop proficiency in listening, speaking, reading, and writing, and learn to communicate in culturally appropriate ways.

Notes: Not open to native speakers of the language.

FL 2002 - Intermediate Foreign Language. 3-0-3.
Prerequisite: FL 2001 or permission of instructor.
Students continue to increase linguistic and cultural proficiency through the use of a variety of materials and activities.

Notes: Not open to native speakers of the language.

FL 2209 - World Languages and Cultures. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099 if required.
An overview of world languages and cultures and their manifestations in our society. Class discussions and readings are reinforced through supervised field experiences in the metro Atlanta area. In addition, students survey academic and professional career opportunities in fields that require linguistic skills and cultural competence.

FL 3309 - Survey of Chinese Literature and Culture. 3-0-3.
Prerequisite: ENGL 1102.
FL 3309, cross-listed as ENGL 4380, is a survey of Chinese literature and culture, examining major works and literary and artistic movements as well as cultural issues. Readings and discussion in English; some readings in the original for Chinese language students.

FL 4400 - Directed Study
1-3 Credit Hours
Prerequisite: FL 2002.
Covers special topics external to course offerings in order to allow a student to work individually with an instructor.

FL 4490 - Special Topics in Foreign Language. 1-3.
Prerequisite: FL 2002 or permission of instructor.
Selected topics of interest to faculty and students.

FLED: Foreign Language Education

FLED 3303 - Second Language Acquisition. 3-0-3.
Prerequisite: Admission to Teacher Education, FREN 2002, GRMN 2002, or SPAN 2002.
An introduction to major learning theories with particular focus on those dealing with acquisition of a second or foreign language. Course also explores how language learning styles and strategies relate to theories of language acquisition and their implications in the classroom, P-12. Field experience is required. Proof of liability insurance is required for field experience.

FLED 4410 - Methods, Materials, and Curriculum of Foreign Language Education, P-8. 3-0-3.
Prerequisite: FLED 3303 and FREN 2002, GRMN 2002, or SPAN 2002.
An overview of methods, materials and curriculum in foreign language instruction grades P-8. The field experience emphasizes principles of classroom and behavior management as well as ways to put theory into practice.

Notes: Field experience is required. Proof of liability insurance is required for field experience.

FLED 4412 - Methods, Materials, and Curriculum of Foreign Language Education, 9-12. 3-0-3.
Prerequisite: FLED 3303 and FREN 2002, GRMN 2002, or SPAN 2002.
An overview of methods, materials and curriculum in foreign language instruction grades 9-12. The field experience emphasizes principles of classroom and behavior management as well as ways to put theory into practice. Field experience is required. Proof of liability insurance is required for field experience.

FLED 4413 - Field Experiences in FLED, P-12. 6-0-6.
Prerequisite: FLED 3303 and either FLED 4410 or FLED 4412.
This course is a field experience course with multiple placements. Students will choose two field placements from among elementary, middle and high school levels. During orientation prior to beginning each field experience, students shall explore the relationship between theory and classroom practice in foreign language education, across the P-12 spectrum.

FLED 4480 - Student Teaching in Foreign Languages, P-12. 1-33-12.
Prerequisite: FLED 4413 EDUC 2130.
Full-time teaching experience in foreign language under the supervision of a public school cooperating teacher and college supervisor. Must have prior approval of College of Education to Student Teach.

Notes: Must have prior approval of College of Education to Student Teach.

FLED 4498 - Internship in Foreign Language Education, P-12. 6-12.
Prerequisite: Provisional teaching license issued by State of Georgia, full-time employment teaching foreign language, letter from county where employed requesting that KSU work with individual to complete certification, analysis of academic transcript(s), and written program of study.
Supervised, credit-earning work experience of one academic semester with a previously approved school. Meant to substitute for student teaching for provisionally licensed teachers.

FREN: French

FREN 1001 - Introduction to French Language and Culture I. 3-0-3.
Prerequisite: ENGL 0099 AND READ 0099.
Introduction to French language and culture, stressing progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of French and Francophone cultures.

Notes: Not open to native speakers of French.

FREN 1002 - Introduction to French Language and Culture II. 3-0-3.
Prerequisite: One year of high school French or FREN 1001 or the equivalent.
Introduction to French language and culture, "Part II," stressing continued, progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of French and Francophone cultures.

Notes: Not open to native speakers of French.

FREN 2001 - Intermediate French Language and Culture I. 3-0-3.
Prerequisite: Two years of high school French or French 1002 or the equivalent.
The student will continue to develop proficiency in listening, speaking, reading, and writing, and learn to communicate in culturally appropriate ways.

Notes: Not open to native speakers of French.

FREN 2002 - Intermediate French Language and Culture II. 3-0-3.
Prerequisite: Three years of high school French or FREN 2001 or the equivalent.
Students continue to increase linguistic and cultural proficiency through the use of a variety of materials and activities. Course will serve as a transition between intermediate and upper-level courses in French.

Notes: Not open to native speakers of French.

FREN 2290 - Special Topics. 3-0-3.
Prerequisite: Permission of Department Chair.
Covers special topics and study abroad courses external to course offerings at the intermediate level.

FREN 3200 - Critical Reading and Applied Writing. 3-0-3.
Prerequisite: FREN 2002 or the equivalent.
This course emphasizes skill development and refinement in the areas of critical reading and writing in French. Designed to give students extensive experience in reading and writing in French, the course focuses on the relationship between writing and reading, and on ways to improve one through the other.

FREN 3302 - Practical Conversation. 3-0-3.
Prerequisite: FREN 2002.
Stresses expansion of effective listening comprehension and speaking skills through culturally and linguistically appropriate activities.

FREN 3303 - Grammar and Composition. 3-0-3.
Prerequisite: FREN 2002.
General review of grammar through composition and other written activities, such as summaries, correspondence, descriptions, narration, literary analysis, and other rhetorical and culturally appropriate forms.

FREN 3304 - Literature and Culture I. 3-0-3.
Prerequisite: FREN 3200 and FREN 3303.
An introduction to French and Francophone literature and culture from the Middle Ages to 1820. Students examine literary and artistic movements as well as cultural issues of the period.

Notes: Readings and discussion in French.

FREN 3305 - Literature and Culture II. 3-0-3.
Prerequisite: FREN 3200 and FREN 3303.
An introduction to French and Francophone literature and culture from 1820 to the present. Students examine literary and artistic movements as well as cultural issues of the period.

Notes: Readings and discussion in French.

FREN 3398 - Internship. 1-9.
Prerequisite: FREN 3302 AND FREN 3303 or permission of instructor.
Supervised, credit-earning work experience of one semester requiring use of French in the work place.

Notes: Prior approval by department coordinator and internship supervisor is required. No more than three semester hours may be applied toward the major.

FREN 4400 - Directed Study. 1-3 .
Prerequisite: FREN 3302 AND FREN 3303 or permission of instructor.
Covers special topics and seminars external to course offerings that allow a student to work individually with an instructor.

Notes: Requires prior approval by instructor and department chair.

FREN 4402 - Contemporary Culture. 3-0-3.
Prerequisite: FREN 3304 or FREN 3305.
An examination of the historical, social, and political contexts of the contemporary French and Francophone experience through the analysis of cultural representations such as film, media, plastic arts, music, and literature.

Notes: Readings and discussion in French.

FREN 4404 - Commercial French. 3-0-3.
Prerequisite: FREN 3302 AND FREN 3303 or permission of instructor.
An in-depth study of business practices and the language of business in the French-speaking world. This course will prepare students for the exam for the Certificat Pratique de Francais Commercial given by the Paris Chamber of Commerce.

FREN 4434 - Topics in Language, Literature, and Culture
3 Class Hours 0 Laboratory Hours 3 Credit Hours
Prerequisite: FREN 3304 or FREN 3305.
An exploration of a period, movement or genre in literature, a topic in culture, or language related issues. Topics are chosen for their significance and impact on French and Francophone cultures.

Notes: Course taught in French.

FREN 4456 - Advanced Grammar and Linguistics. 3-0-3.
Prerequisite: FREN 3302 AND FREN 3303.
Advanced study of grammar from a linguistic perspective. Provides an overview of phonetics, phonology, morphology, and syntax. Exposes students to dialectical variations of

the French-speaking world. Stresses development of oral proficiency.

Notes: Course taught in French.

FREN 4490 - Special Topics in French. 3-0-3.
Prerequisite: French 3302 or permission of instructor.
Special topics relevant to the study of French speaking societies.

FREN 4499 - Senior Seminar. 3-0-3.
Prerequisite: FREN 3304 or FREN 3305 and permission of instructor.
A capstone course designed to synthesize and connect the student's prior academic experiences in the major and related fields of study. Students will prepare a reflective essay and a research paper to present to the faculty.

Notes: Papers and presentation in French.

GEOG: Geography

GEOG 1101 - World Regional Geography. 3-0-3.
Prerequisite: None.
An introduction to world regions through the context of human geography. The course focuses on basic geographic concepts to analyze social, economic and political issues at local, regional and global scales. Elements of fundamental physical geography will be discussed to illustrate the spatial relationships between the physical environment and human geography.

GEOG 1102 - Earth from Above. 3-0-3.
Prerequisite: None.
This is a survey course for any student with an interest in geography, maps, or geospatial data and technologies. Students will obtain fundamental geographic principles of place and space, and learn introductory geospatial techniques such as map reading, coordinate systems, and scale by using global positioning satellite receivers, aerial photos, satellite imagery, and Google Earth technologies. The course is designed to give students hands-on experience to collect, manipulate, analyze, and understand geospatial data.

GEOG 1112 - Weather and Climate. 3-1-4.
Prerequisite: None.
This course examines aspects of physical geography, specifically earth-sun relationships, atmospheric processes, climate and weather patterns, and vegetation patterns and principles. Emphasis is on the distribution and interactions among these environmental variables as well as the impact humans have had on these natural systems. The lab focuses on practical and applied aspects of these environmental systems. Lab work includes maps reading, data collection, and data analysis.

GEOG 1113 - Introduction to Landforms. 3-1-4.
Prerequisite: None.
This course examines aspects of physical geography such as plate tectonics, rocks and soils, river systems, coastal systems, glaciers, and karst topography. Emphasis is on the evolution and distribution of these physical landforms and resultant landscapes, as well as the processes that have shaped them. The lab focuses on practical and applied aspects of landform patterns and processes. Lab work includes the use of topographic maps and aerial photographs, the identification of rocks and minerals, and the analysis of landscape features.

GEOG 2105 - Social Issues: Perspectives in Geography. 2-0-2.
Prerequisite: ENGL 0099 and READ 0099.
This course provides students with the knowledge and tools necessary to critically examine world social issues from the social science perspective of geography. The discipline of geography examines social issues at various scales and from spatial, areal, human-environmental interaction, and physical perspectives.

GEOG 3300 - Urban Geography. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
An analysis of the location and distribution of urban centers, urban land uses and the geographical aspects of general urban issues.

GEOG 3305 - Introduction to Cartographic Processes. 3-0-3.
Prerequisite: MATH 1107; CSIS 2300; and GEOG 1101 or GEOG 2105.
This course is an introduction to the processes and technology of cartography, the science and art of map making. The foundations of map construction and design will be presented from theoretical and applied perspectives. Students will be introduced to hands-on and computerized mapping, leading to a basic appreciation of the map as the integral component of geographic information systems data

analysis. SSED majors this course will not count as an upper division GEOG requirement for your degree program.

GEOG 3310 - Historical Geography. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
A global approach to the study of the geographic factors affecting historical events associated with the human exploration and settlement of the planet. The influence of geography on economic and political changes over time will be reviewed for selected historical phenomena.

GEOG 3312 - Geography of Europe. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
A geographical survey of Europe and its environs, with emphasis on the tremendous diversity found in both the physical and human geography of the region. Economic, political and cultural geography are examined within the framework of the forces that are rapidly restructuring the landscapes of Eastern and Western Europe.

GEOG 3315 - Introduction to Geographic Information Systems. 3-0-3.
Prerequisite: GEOG 3305 or permission of instructor.
Students will be introduced to the basic design of state-of-the-art GIS and its analytical capabilities. Topics include: Geodatabases, applications in GIS, map projection information, raster/vector data models, introduction to available data on the internet, and basic GIS analytical functions such as querying and overlaying. The course will use ArcGIS to introduce these concepts in a hands-on environment.

GEOG 3320 - Political Geography. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
This course is intended to explore the following concepts and issues from a geographical perspective: territoriality, theories of the state, spatial expressions of ideology, boundary issues, imperialism, geopolitics, nationalism, electoral geography, national identity, religion and governing power in a spatial context, and cultural and/or economic hegemony.

GEOG 3330 - Economic Geography. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
A geographic analysis of global resources and economic growth. The underlying theme of the course is the impact of space (location, distance, area, boundaries) on economic decision-making. Topics to be discussed include population, transportation, rural and urban land use, industrial location, natural resource management, and development/underdevelopment. Differing spatial theories will be employed to explain the global economy in transition.

GEOG 3340 - Cultural Geography. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
A thematic approach is applied to analyze human cultures, to examine world cultural regions, to note the spread of cultural traits, to interpret interactions between culture and environment, and to appreciate multiple traits of cultures and cultural landscapes. The five themes of region, diffusion, ecology, integration, and landscape are used to explore historical and contemporary issues of population, agriculture, politics, language, religion, ethnicity, popular culture, and urban spaces. The philosophy of the course is based on the premise that the built environment is a spatial expression of the beliefs, attitudes, and practices of a people.

GEOG 3350 - Geography of Sub-Saharan Africa. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
A spatial survey that focuses on the physical, historical, cultural, and economic forces at work on the African continent, south of the Sahara. Special emphasis is placed on the roles of the natural environment, population geography, historical geography, agriculture, economic development, and other factors that shape the landscapes of Sub-Saharan Africa.

GEOG 3360 - Geography of Asia. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
This course is designed as a survey of the physical and cultural geography of the Asian region. Students will be provided with an overview of Asian landform features and climate coupled with a discussion of human interaction with a variety of Asian landscapes in terms of historical, political, economic, religious, and ethnic factors using geographic and cartographic analytical techniques.

GEOG 3370 - Geography of Latin America and the Caribbean. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
This course studies the major physical, cultural and geopolitical sub-regions in Latin America and the Caribbean. In-depth geographic awareness and knowledge of the Lat-

in American and Caribbean region is gained from the study of physical landscapes, natural hazards, economics, historical geography, environmental and resource issues, cultures and societies, urbanization, development, current events, and prospects for the future.

GEOG 3380 - Geography of North America. 3-0-3.
Prerequisite: GEOG 1101 or GEOG 2105.
A geographical survey of North America emphasizing the significant diversity found in both the physical and human geography of the region. Past, current and changing locational arrangements of people and resources are examined as they relate to economic, political, urban and cultural geographic perspectives within the framework of the forces that have created the variety of landscapes of the North American continent.

GEOG 3398 - Internship. 1-9.
Prerequisite: GEOG 4405 for GIS internships, or at least 15 hours of upper division geography courses for non-GIS internships.
A structured off-campus experience in a supervised setting that is related to the student's major and career interests. Practical experience is combined with scholarly research under the guidance of geography faculty and the internship supervisor. Those seeking experience in a GIS environment will work under the guidance of the GIS Program Director. Sites must be in advance of the semester of the internship and must be approved by the student's advisor or internship coordinator.

Notes: A departmental internship orientation session is scheduled once a semester. GIS certificate students please sign up for GEOG 4415 and not this course.

GEOG 3700 - Introduction to Environmental Studies. 3-0-3.
Prerequisite: Any general education science lab sequence.
This course is designed to give students an overview of the human dimensions of US environmental issues and is a core course for the environmental studies minor. From a geographical perspective, the course explores how US environmental laws, ethics, viewpoints and economics interact, shape, and manifest themselves across the landscape. Students will be introduced to technologies, such as geographic information systems and satellite images, used by geographers to study environmental issues. The course will examine spatial patterns arising from the ways in which we manage our natural resources and environment. Natural resources such as water, air, soil, energy and fossil fuels will be used as examples in the discussion of spatial patterns arising from resource extraction, transportation and use.

GEOG 3800 - Climatology. 3-0-3.
Prerequisite: GEOG 1112 and any general education lab science sequence.
This course examines the nature of Earth's climate and the physical processes that determine the variations in climate and weather worldwide. Emphasis is on the interactions among the atmosphere, the hydrologic cycle, and earth's surface. Aspects of climate change will also be addressed.

GEOG 3900 - Biogeography. 3-0-3.
Prerequisite: GEOG 1112.
This course examines the geographic distribution of plants and animals from historical, cultural, and ecological perspectives. Emphasis is on the local, regional, and global patterns and processes that have influenced the distribution and evolution of plant and animal species. Aspects of environmental change and conservation is also addressed.

GEOG 4100 - Directed Applied Research. 1-6.
Prerequisite: Any upper division geography course; consent of instructor and chair.
This course will offer students an opportunity to investigate geographically-oriented concepts and issues by assisting in faculty-led research or scholarship. Course content and instructional methodologies will be identified by the faculty's needs and expectations.

GEOG 4400 - Directed Study. 1-3.
Prerequisite: Approval of advisor, instructor, major area committee and department chair prior to registration.
Covers special topics and seminars external to regular course offerings.

GEOG 4405 - Advanced Geographic Information Systems. 3-0-3.
Prerequisite: GIS 3315.
This course builds upon basic concepts addressed in the Introduction to Geographic Information Systems (GIS) course. The use of topological data procedures and relational

database concepts within the GIS context will be investigated along with procedures relevant to building Geodatabases, including map projections, coordinate systems, digitizing vectors, and transformations. Fundamental spatial analysis operations are expanded upon, including spatial query, address matching, spatial aggregations, buffering, polygon overlay, and point-in polygon operations.

Notes: ArcGIS software is used in class.

GEOG 4410 - Introduction to Remote Sensing. 3-0-3.
Prerequisite: GEOG 4405 or permission of instructor.
Remote sensing is the art and science of obtaining information about an object, area, or phenomenon by a device that is not in contact with the study subject. Remote sensing methods include the production and analyses of satellite imagery and aerial photography as well as basic digital image processing techniques. This course is an introduction to remote sensing from space and aircraft platforms and an introduction to digital photogrammetry.

GEOG 4415 - Practicum in Geographic Information Systems. 3-0-3.
Prerequisite: GIS 4410 and permission of program coordinator.
A capstone course designed to complete the GIS Certificate Program by integrating the students' prior training in the application of computer based manipulation and spatial analysis of data through the use of geographic information systems programs in on-site applied work settings. Students will be given applied experiences in selected public or private organizations in the community or in campus-related programs to make use of their GIS training. Students are expected to find their own practicum, which require the program coordinator's approval.

Notes: GIS Majors should enroll in GEOG 3398.

GEOG 4490 - Special Topics in Geography. 1-3.
Prerequisite: Approval of instructor and department chair.
Selected topics of interest to faculty and students.

GEOG 4499 - Senior Seminar in Geography. 3-0-3.
Prerequisite: SSRM 2301 or equivalent, and at least 18 hours upper division required geography courses, and permission of instructor.
Required capstone course for all geography and GISc majors. This seminar helps students apply their geographic knowledge and skills culminating in a research project. The course also includes preparation for graduate study and job opportunities in geography.

GRMN: German

GRMN 1001 - Introduction to German Language and Culture I. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099 if required.
Introduction to German language and culture, stressing progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of German culture.

Notes: Not open to native speakers of German.

GRMN 1002 - Introduction to German Language and Culture II. 3-0-3.
Prerequisite: One year of high school German, or GRMN 1001, or the equivalent.
Introduction to German language and culture, part II, stressing continued, progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of German culture.

Notes: Not open to native speakers of German.

GRMN 2001 - Intermediate German Language and Culture I. 3-0-3.
Prerequisite: Two years of high school German, or GRMN 1002 or the equivalent.
The student will continue to develop proficiency in listening, speaking, reading, and writing, and learn to communicate in culturally appropriate ways.

Notes: Not open to native speakers of German.

GRMN 2002 - Intermediate German Language and Culture II. 3-0-3.
Prerequisite: Three years of high school German or GRMN 2001 or the equivalent.
Students continue to increase linguistic and cultural proficiency through the use of a variety of materials and activities. Course will

serve as a transition between intermediate and upper-level courses in the language.

Notes: Not open to native speakers of German.

GRMN 3200 - Critical Reading and Applied Writing. 3-0-3.
Prerequisite: GRMN 2002 or the equivalent.
This course emphasizes skill development and refinement in the areas of critical reading and writing in German. Designed to give students extensive experience in reading and writing in German, the course focuses on the relationship between writing and reading, and on ways to improve one through the other.

GRMN 3302 - Practical Conversation. 3-0-3.
Prerequisite: GRMN 2002 or permission of instructor.
Students learn to express themselves verbally, using role-play, skits and extemporaneous speaking on a variety of topics including basic situations as well as discussions of professional areas.

Notes: Taught in German.

GRMN 3303 - Grammar and Composition. 3-0-3.
Prerequisite: GRMN 2002 or permission of instructor.
Introduction to the more difficult points of German grammar, syntax and style. In addition to the development of writing skills, students will concentrate on expanding their active vocabulary.

Notes: Taught in German.

GRMN 3304 - Literature and Culture I. 3-0-3.
Prerequisite: GRMN 3200 and GRMN 3303.
An introduction to the literature and culture of Germany and German-speaking countries from the Middle Ages to 1848. Students examine literary and artistic movements as well as cultural issues of the period.

Notes: Readings and discussion in German and in English.

GRMN 3305 - Literature and Culture II. 3-0-3.
Prerequisite: GRMN 3200 and Culture II.
An introduction to the literature and culture of Germany and German-speaking countries from 1848 to the present. Students examine literary and artistic movements as well as cultural issues of the period.

GRMN 3398 - Internship. 1-9.
Prerequisite: GRMN 3302 or permission of instructor.
Supervised, credit-earning work experience of one semester requiring use of German in the work place.

Notes: Prior approval by department coordinator and internship supervisor is required.

GRMN 4400 - Directed Study. 1-3 .
Prerequisite: GRMN 2002 or permission of instructor.
Covers special topics and seminars external to course offerings that allow a student to work individually with an instructor.

Notes: Requires prior approval by instructor and department chair.

GRMN 4402 - Contemporary Culture . 3-0-3.
Prerequisite: GRMN 3304 or GRMN 3305 or permission by instructor.
This course is an examination of the historical, social, and political contexts of the contemporary experience in the German-speaking world through the analysis of cultural representations such as film, media, plastic arts, music, and literature. Readings and discussions are in German.

GRMN 4404 - Commercial German. 3-0-3.
Prerequisite: GRMN 2002 or permission of instructor.
An in-depth study of business practices and the language of business that focuses on verbal and written communication as well as economic, social and political factors that are important to the conduct of business in the German-speaking world.

Notes: Readings and discussion in German and in English.

GRMN 4434 - Topics in Language, Literature, and Culture. 3-0-3.
Prerequisite: GRMN 3304 or GRMN 3305 or permission by instructor.
This course explores a period, movement or genre in literature, a topic in culture, or language-related issues. Topics are chosen

for their significance and impact on German-speaking cultures. The course is taught in German.

GRMN 4456 - Advanced Grammar and Linguistics. 3-0-3.
Prerequisite: GRMN 3303 or permission by instructor.
This course is an advanced study of grammar from a linguistic perspective. It provides an overview of phonetics, phonology, morphology, and syntax. The course exposes students to dialectical variations of the German-speaking world and stresses development of oral proficiency. The course is taught in German.

GRMN 4490 - Special Topics in German. 3-0-3.
Prerequisite: GRMN 2002 or permission of instructor.
Selected topics of interest to students and faculty.

GRMN 4499 - Senior Seminar. 3-0-3.
Prerequisite: GRMN 3304 or GRMN 3305 and permission by instructor.
This is a capstone course designed to synthesize and connect the student's prior academic experiences in the major and related fields of study. Students will prepare a reflective essay and a research paper to present to the faculty. Papers and presentations are in German.

GWST: Gender and Womens Studies

GWST 3000 - Introduction to Gender and Women's Studies. 3-0-3.
Prerequisite: ENGL 1102.
A survey of the foundational figures, themes, and texts in the history of gender and women's studies in an interdisciplinary and global context. Themes to be addressed include sameness vs. difference feminisms; the sex/gender distinction; internal and external critiques of Western feminisms; transnational and global feminisms; feminism's relationship to critical race studies, postcolonialism, queer theory; and gender, trans-gender, and masculinity studies.

GWST 3001 - Feminist Theories. 3-0-3.
Prerequisite: ENGL 1102.
Feminist Theories involves the study of concepts and ideologies that articulate and define theories of feminism through the intersections of gender with race, class, nationality, sexuality, and other social differences. Students will engage with several foundational and vibrantly contested conversations within feminist theory that draw from a variety of theoretical perspectives, including those influenced by liberalism, Marxism/socialism, psychoanalysis, radical feminism, post-modernism, and post-colonialism.

GWST 3010 - Queer Theory & Sexuality. 3-0-3.
Prerequisite: ENGL 1102.
Queer Theory & Sexuality is an interdisciplinary course that considers the global emergence and significance of theories and practices that 1) refute and destabilize the notion of an essential, normative sexuality and gender and 2) suggest that sexuality is fluid and varied and is constructed by social, political, and economic factors. The course surveys a broad array of scholarship and other forms of print and non-print media and explores a range of topics that might broadly be identified as 1) practices, identities, and communities; 2) the cultural construction of gender and sexuality; 3) sexual citizenship and the nation-state.

GWST 3020 - Black Feminisms. 3-0-3.
Prerequisite: ENGL 1102.
A survey of historical and contemporary black feminist traditions. Core themes could include the intersections of race and gender with class, sexuality, generation, and place; black feminist thought and its relationship to womanism and other feminisms; outsider-within positionality of black women; black feminist epistemologies; mediated representations of black women's identities; black lesbian feminism; commodification of black women's bodies; black women's global resistance to racism and sexism.

GWST 3030 - Gender in Popular Culture. 3-0-3.
Prerequisite: ENGL 1102.
An examination of gender as depicted in popular culture texts. Focusing on one medium (e.g., film, television, periodicals, music) or surveying a range of popular culture forms, students will critique depictions of gender; practice using theories and methods from gender and women's studies to understand popular culture's role in shaping gender identity; and do research on gender in the context of popular culture.

GWST 3050 - Global Perspectives on Gender. 3-0-3.
Prerequisite: ENGL 1102.
This course offers global perspectives and contexts within which gender can be explored, analyzed, and critiqued. The course will be driven by cross-cultural and comparative study and may include analysis of the construction of gender in relation to social practices, the law, tradition, religion, institutional culture, economics, and popular culture.

Notes: This course may be repeated for credit with prior approval.

GWST 3060 - Gender in the Workplace. 3-0-3.
Prerequisite: ENGL 1102.
Gender and the Workplace examines work and professional-related gender issues from several perspectives, including the legal, sociological and economic viewpoints. Students will engage with a variety of relevant and timely topics that include gender stereotyping and discrimination, career development, diversity issues, sexual harassment, and work/life balance. As part of the course requirements, students will complete a civic/community engagement assignment relative to the course.

GWST 3080 - Masculinity Studies. 3-0-3.
Prerequisite: ENGL 1102.
Masculinities Studies is an interdsciplinary introduction to this growing and often contested field. Using a variety of texts, students explore historical, political, and theoretical development, as well as social and cultural constructions, of the category "masculinity." Students map central debates surrounding masculinity, including why it is frequently thought to be "in crisis." The course examines political and social movements related to masculinity as it considers masculinity in relation to other theories, including feminist, postcolonial, etc.

GWST 3090 - Transnational Feminisms. 3-0-3.
Prerequisite: ENGL 1102.
Transnational Feminisms is an interdisciplinary study of the economic, social, and political consequences of the phenomenon known as globalization, particularly those consequences that affect issues of gender. As such, students analyze transnational feminisms, studying both the opportunities and challenges that are inherent in transnational feminist scholarship and activism. Through critical inquiry into a variety of texts, the course dynamically reconceptualizes relationships between women and nation; between gender and globalization; and between feminist theory and practice.

GWST 3398 - Internship. 3-0-3.
Prerequisite: GWST 3000 and approval by internship coordinator.
A structured off-campus experience in a supervised setting that is chosen in relation to student's focus and interests. Practical experience is combined with a research approach that investigates issues relevant to the internship. Students will meet with the internship coordinator to develop an appropriate plan that will lead to the writing of a research-oriented paper or research project, a required part of the internship. Students should consult with the internship coordinator at the midpoint of the semester prior to the internship to choose from an approved list of internship sites, none of which may be with a current employer

GWST 4040 - Major Topics & Figures. 3-0-3.
Prerequisite: ENGL 1102.
This course offers an in-depth examination of a major topic or major figure relevant to the field of gender and women's studies. Students will learn how to conduct interdisciplinary research and employ gender analysis through the advanced study of one major thinker or the advanced, comparative study of a set of thinkers grouped according to a major topic.

Notes: Specific content may vary, so course may be repeated.

GWST 4400 - Directed Study. 3-0-3.
Prerequisite: Another GWST course, approval of instructor, and approval of program coordinator.
The Directed Study is an advanced, individual study of a selected topic not offered in the regular curriculum. Students may conduct in-depth, gender-related research under the supervision of a faculty member. The directed study is student driven, and students are responsible for selecting the subject matter to be studied, method, data sources, and theoretical question(s), all under the direction of a faculty member.

GWST 4499 - Research in Gender and Women's Studies. 3-0-3.
Prerequisite: GWST 3000 and completion of 60 credit hours.
A study of research models of scholarship in gender and women's studies, combined with an opportunity for students to conduct a research project of their own. Students will read examples of outstanding research and survey discipline-based scholarship focusing on gender and women's studies. Topics for studying methods could include debates regarding different methodologies, critiques of traditional research methodologies, integrating feminist theory with scholarship, and ethical questions associated with producing research in gender and women's studies.

Notes: This course should be taken as the final course of the GWST minor.

HHS: Health and Human Services

HHS 3100 - Culturally Competent. 3-0-3.
Prerequisite: ENGL 1102.
This course provides students with skills needed by health and human service workers to provide effective care to individuals from a variety of ethnic and cultural backgrounds. Emphasis will be placed on working with immigrants and refugees from Hispanic cultures.

HIED: History Education

HIED 4413 - Teaching of Social Sciences (6-12). 6-0-6.
Prerequisite: All required EDUC courses and admission to Teacher Education, HIST 2270, and 24 hours of upper-level teaching field courses (including HIST 3304 and HIST 4488), GPA of at least 3.0 in that content course work, and permission of program coordinator.
An examination and application of curriculum issues, learning theories, teaching strategies, instructional materials, and assessment procedures for teaching secondary school social science in the multicultural and diverse classrooms of today. Emphasizes those practices suggested by research in secondary social science education and encouraged by our accrediting agencies.

HIED 4414 - Teaching of Social Sciences Practicum. 0-9-3.
Prerequisite: Admission to HIED 4413.
Secondary school field experience in social science teaching with concurrent seminars. Proof of professional liability insurance is required prior to school placement.

HIED 4475 - Student Teaching: Social Sciences (6-12). 12.
Prerequisite: Admission to Student Teaching.
Full-time teaching experience in social sciences under the supervision of a secondary school cooperating teacher and a specialist in history education. Includes a regularly scheduled seminar.

HIED 4490 - Special Topics in History Education. 1-6.
Prerequisite: Permission of the instructor and department chair.
Selected special topics of interest to faculty and students.

HIED 4498 - Internship in Teaching Social Studies (6-12). 0-18-12.
Prerequisite: Provisional teaching license issued by State of Georgia, full-time employment teaching social studies (7-12).
Student teaching experience in social studies for provisionally certified teachers. Supervision will be in collaboration with a mentor-teacher in a local school and a specialist in social studies education. Twelve (12) hours of this internship will automatically substitute for SSED 4475. Proof of professional liability insurance. Students are responsible for their own school placement.

HIST: History

HIST 1110 - Introduction To World History. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099, if required.
An overview of world history that provides an introduction to the origin and development of the world's societies and their political, cultural, and economic traditions.

Notes: The course uses a global approach to world history.

HIST 2111 - America to 1890. 3-0-3.
Prerequisite: ENGL 1102 (with C or better.)
Explores major themes in the social, cultural, political, and economic history of the peoples of North America to 1890. Topics include the intersection of cultures in colonial America, the origin and development of the American republic, the evolution of democratic ideas and institutions, western expansion, slavery, sectional conflict, emancipation and its aftermath, immigration, social and cultural change, the Industrial Revolution, and the changing role of the U.S. in world affairs. Examination of primary sources forms an important element of this course.

HIST 2112 - America Since 1890. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099, if required.
Examines the major themes of American history since 1890, the multicultural nature of contemporary U.S. civilization, and the nation's role in the global arena.

HIST 2206 - Origins of Great Traditions. 3-0-3.
Prerequisite: HIST 1110.
A systematic examination of five centers of civilization in Afro-Eurasia during their defining moments. The course focuses on the historical contexts that gave rise to China's classical philosophies, India's transcendental world-view, the Judaeo-Christian-Islamic synthesis, African mythoreligious systems of thought, and the emergence of Latin-European culture in the West. Content emphasizes cross-cultural influences and connections.

HIST 2271 - Introduction to the History Profession. 3-0-3.
Prerequisite: HIST 1110, HIST 2111 & HIST 2112.
The content of the course will focus on a particular historical theme, topic, or period. The theme or period will vary from section to section of the course. This reading, writing, and exercise-intensive course surveys basic methods and concepts relevant to the discipline of history. Students will regularly engage in the close reading of scholarly historical work, learn and practice a variety of research methods, analyze historical sources, and develop analytical papers.

HIST 2275 - Local History Research. 3-0-3.
Prerequisite: HIST 2111 & 2112.
Using the vehicle of local history, this course is designed to acquaint students with repositories of historical documents in the Atlanta area and to provide them with a working knowledge of historical research methods.

HIST 3304 - History of Georgia. 3-0-3.
Prerequisite: HIST 2112.
A consideration of Georgia's political, economic, social, and cultural development from the colonial period to the present. Topics include the cultures of indigenous peoples, the Spanish in Georgia, the founding of a British colony, the Revolution, Indian removal, antebellum society, the Civil War, Reconstruction, the New South era, the rise and decline of the cotton economy, race relations, and post-World War II prosperity and problems.

HIST 3305 - The World Since 1945. 3-0-3.
Prerequisite: HIST 1110.
A survey of major themes in world history since 1945, it focuses on sociocultural and intellectual developments in addition to the traditional concerns with political and economic relations. Particular emphasis is given to great power relations, the role of the middle powers, North-South relations as well as the interactions between Western and non-Western cultures in the context of increasing globalization.

HIST 3307 - Introduction to European Union. 3-0-3.
Prerequisite: HIST 1110.
This course examines the history and politics of European integration during the twentieth century, studying both the individuals and nations involved in the development of a united Europe. It will provide an in-depth look at the history, institutions, economic policy and integration theory of the European Union and the current issues facing the union, both social and cultural as well as political and economic and environmental. Intro to the European Union is also the prerequisite for the new Certificate Program in EU Studies. This class offers an excellent opportunity for students to learn more about the political, economic and cultural dynamics of the new united Europe.

HIST 3310 - The Old South. 3-0-3.
Prerequisite: HIST 2112.
This course will be an exploration of the American South from the colonial period to the end of the Civil War. While major political and economic events will be an important part of the course, such events grow out of the ordeals of ordinary people. Therefore, close attention will be paid to the experiences of men and women -- white, black, and Native American -- from all social classes whose lives created a unique society known as the Old South.

HIST 3311 - The New South. 3-0-3.
Prerequisite: HIST 2112.
The South's social, political and economic development from 1865. Emphasizes Reconstruction, the "New South Creed," race relations, industrialization, and the region's changing role in national affairs.

HIST 3315 - The History of the American West. 3-0-3.
Prerequisite: HIST 2112.
This course surveys the history of the American West with special emphasis on the development of the Trans-Mississippi West from the early 19th century to recent years. The crucial influences of the environment, the interaction of Native Americans, Hispanics, Euro-Americans and other cultural groups, and the unique relationship of the region with the Federal government are explored.

HIST 3321 - Diplomatic History of the United States. 3-0-3.
Prerequisite: HIST 1110 and HIST 2112.
Examines major trends in U.S. diplomacy from 1890 to the present, emphasizing U.S. rise to world power, World Wars I and II, the Cold War and its end, and U.S. relations with developing world areas.

HIST 3325 - Introduction to Public History. 3-0-3.
Prerequisite: HIST 2112.
The course exposes students to how Americans think about the past, as well as its commemoration and public presentation. Special focus will be placed on the ways in which historians transfer their writing, research, and analytical skills to professions outside of academia. Major subfields and professions within public history are examined as are the current issues and controversies within the field.

HIST 3326 - Historic Preservation. 3-0-3.
Prerequisite: HIST 2112.
Examines the history, theories, and methods of historic preservation. Students are exposed to such activities as renovation approaches for historic architecture, neighborhood and downtown revitalization, and heritage tourism, as well as the social and ethical issues swirling around preservation. Students are also introduced to the "tools" of preservation, including tax incentives, historic inventories, HABS/HAER, the National Register of Historic Places, and the National Trust's Teaching with Historic Places.

HIST 3327 - Architectural History. 3-0-3.
Prerequisite: HIST 2112 or HIST 1110
The course introduces students to vernacular and high-style architecture and its relationship to social, political, and economic forces. The focus will be on the forms, spaces, and stylistic traits of historic architecture, how architecture has evolved through the years, how technological evolutions and innovations have influenced architecture, and what the built environment reveals about public and private life. The geographic focus of the course can change, depending upon the instructor and the needs of the department.

HIST 3331 - History of Religion in U.S. 3-0-3.
Prerequisite: HIST 2112.
A survey of religious history in the United States, with special emphasis on beliefs and institutions, and their social and cultural context.

HIST 3332 - U.S. Social and Cultural History. 3-0-3.
Prerequisite: HIST 2112.
For the years 1492-present, consideration will be given to nationality, immigration, ethnicity (Asian-Americans, Hispanic-Americans, and Middle Eastern-Americans), the elderly, popular culture, and the environment.

HIST 3333 - African American History to 1865. 3-0-3.
Prerequisite: HIST 1110, HIST 2112.
A history of the people of African descent in the United States, from the African beginnings to 1865. The course will emphasize the forced migration of Africans, their experiences under plantation slavery, their resistance and emancipation, and their contributions to American society.

HIST 3334 - The Africans in the Diaspora. 3-0-3.
Prerequisite: HIST 1110.
A survey of the activities and experiences of African people who live outside the continent from the earliest times to the present. This course examines the migration of Africans to Eurasia, the Oceania, and the Americas, and gives special attention to the slave trade across the Sahara Desert and the Atlantic and Indian Oceans; the comparative experience of Africans in slavery in the Middle East and the Americas; emancipation and the process of racial and national integration; and the economic, political, and cultural contributions of Africans in the Diaspora.

HIST 3335 - African American History, 1865 to Present. 3-0-3.
Prerequisite: HIST 2112.
A history of African-Americans in the United States since emancipation. The course emphasizes the struggles waged by African Americans to achieve racial equality and full citizenship in the United States, and the social, cultural, political, and economic forces that have shaped the African American community. Special attention is given to the men and women who led the struggle, the ideas and ideals which inspired and dominated each phase of the struggle, and the movements and institutions which were created in the process.

HIST 3337 - Greek and Roman History. 3-0-3.
Prerequisite: HIST 1110.
A history of Greece and Rome from the rise of the Greek city-state to the collapse of the western Roman Empire, with emphasis on their political, cultural, and intellectual contributions to the development of Western society.

HIST 3340 - U.S. Military Experience. 3-0-3.
Prerequisite: HIST 2112.
A survey of the development of the American military and its role in U.S. and world history. The course will emphasize the political, economic, and social importance of the military and its role in integrating U.S. society as well as a study of the evolution of strategy, operations and tactics and their use in warfare.

HIST 3341 - Women in U.S. History and Culture. 3-0-3.
Prerequisite: HIST 2112.
Focuses on the social, economic, political, cultural, and religious experiences of American women of various racial, ethnic, and religious backgrounds from the Colonial period to the present.

HIST 3342 - The Holocaust . 3-0-3.
Prerequisite: HIST 2112 or HIST 1110.
This course puts the Holocaust into historical perspective and reflects on what it reveals about genocide in the twentieth and twenty-first centuries. The course examines the roots of anti-Semitism, the rise of fascism in Europe as it relates to the ideology of the Nazi Party, and the implementation of the Final Solution. The structure and purpose of the ghettos and death camps is studied, as well as efforts to resist. The course concludes by looking at what contemporary representations of the Holocaust mean for a post-Shoah generation.

HIST 3345 - Business & Economic History of United States. 3-0-3.
Prerequisite: HIST 2112.
Surveys American business and economic development from colonial times to the present. Major themes include the history of small business and family business; the shifting position of the U.S. within the world economy; the regional economy of Georgia and the South; labor-management relations; the labor movement; and the changing social, political, and cultural context within which business and economic institutions have developed.

HIST 3350 - England to 1688. 3-0-3.
Prerequisite: HIST 1110.
A survey of English history from the earliest time to 1688. The course emphasizes political, cultural, and social developments between the Norman conquest and the transformation of England into a constitutional monarchy by the Glorious Revolution.

HIST 3351 - Modern England. 3-0-3.
Prerequisite: HIST 1110.
English history from 1689. The course emphasizes the rise of parliamentary government, the importance of the British Empire and the social, cultural, and economic ideas that have made England and much of the English-speaking world what they are today.

HIST 3357 - Africans in Asia. 3-0-3.
Prerequisite: HIST 1110.
A survey of the history of people of African descent in Asia from the African beginnings to the present. The course evaluates the historical significance of the African presence in the Middle East, India, Southeast Asia, and China. It emphasizes the historical contacts and connection between Africa and Asia, the forced migration of Africans in the age of Islamic expansion and imperialism, the comparative experiences of Africans in bondage and freedom, and their integration into the host societies.

HIST 3358 - Africans in Latin America and the Caribbean. 3-0-3.
Prerequisite: HIST 1110.
A history of the people of African descent in Latin America, the Caribbean, and the United States, from the African beginnings to 1888. The course will examine the forced migration of Africans; their roles in the conquest and settlement of Spanish America, Brazil, and the West Indies; and their comparative experiences under plantation slavery. It will emphasize their resistance and emancipation, and their contributions to the development of the multiracial character of Latin American and Caribbean societies.

HIST 3360 - Russian Empire to 1917. 3-0-3.
Prerequisite: HIST 1110.
The history of the Russian Empire from its early beginnings to the Revolution of 1917. The course emphasizes the importance of Greco-Roman and Asian influences, the impact of the Russian Empire on eastern Europe and eastern Asia, and the political, social, cultural, and revolutionary ideas that have created modern Russia.

HIST 3366 - History of Mexico and Central America. 3-0-3.
Prerequisite: HIST 1110.
Examines the Mesoamerican pre-classic civilizations, the Aztec Empire and the Maya kingdoms, the Spanish conquest and establishment of New Spain, and the independent nation-states of Mexico and Central America. Themes include Spanish colonialism, the Indian struggle for justice, modern nation-state building, and relations with the United States.

HIST 3367 - History of Brazil. 3-0-3.
Prerequisite: HIST 1110.
A study of Brazil, to include the Native American period, Portuguese colonialism, the Empire of Brazil, and Brazil in the 20th century. Major themes are sugar and slavery, boom and bust economic cycles, the formation of the Brazilian social identity, Brazil and the Amazon, and Brazil's place in the contemporary global world.

HIST 3372 - Ancient to Pre-Modern China. 3-0-3.
Prerequisite: HIST 1110.
This course introduces the main themes in Chinese history from the Neolithic to 1600; discusses how traditional cultures and outside influences have interacted to produce traditional China; explores the great diversity and impressive continuities of traditional Chinese civilization; and assesses the significance of the institutions of state, family, and women in Chinese history.

HIST 3373 - Modern India and South Asia. 3-0-3.
Prerequisite: HIST 1110.
Emphasizes how Hindu, Buddhist, Islamic, and other traditional cultures combined with British colonial rule and other modernizing influences to produce the India of today. Some attention is also given to peripheral areas, particularly Pakistan and Bangladesh.

HIST 3374 - Modern China and Japan. 3-0-3.
Prerequisite: HIST 1110.
Focuses chiefly upon China and Japan, with some consideration of Korea, emphasizing how traditional cultures, outside influences, and modernizing forces have interacted to produce the East Asia of today. Covers the period 1600 to the present.

HIST 3376 - Historiographical Debates. 3-0-3.
Prerequisite: HIST 1110 and 2206.
Investigates the major limits and problems inherent in historical understanding and introduces the student to philosophies of history that have sought to address those problems. Case studies of major historical controversies help students recognize the important ways those limits and problems influence even the greatest scholar's efforts at historical analysis.

HIST 3377 - History of Science. 3-0-3.
Prerequisite: HIST 1110.
History of scientific ideas and methods from ancient times to the present, with special emphasis on intellectual trends that contributed to the modern world's scientific outlook.

HIST 3382 - North Africa and the Middle East in Modern Times. 3-0-3.
Prerequisite: HIST 1110.
A history of North Africa and the Middle East since the emergence of Islam. Major themes include the rise of Berber-Arab/Islamic civilization, the historical ties between North Africa and the Middle East, and the impact of Ottoman rule. Consideration of the 20th century includes European imperialism, the advent of military rule, the establishment of Israel, Arab-Israeli wars and the search for peace, pan-Arabism and the independence movement in Maghrib, petroleum and international politics, the rise of Muslim fundamentalism, and the problems of economic development and modernization.

HIST 3390 - History of the Atlantic World. 3-0-3.
Prerequisite: HIST 1110.
This course exposes students to the momentous socioeconomic transformations that occurred in the Atlantic basin in the wake of Christopher Columbus' voyage of 1492. The changes were engendered by the convergence of diverse cultural groups and the complex social and economic networks that they established in the Atlantic basin. Students examine the complex interconnections, the consequences, and the resultant new social and economic institutions which significantly informed our contemporary world.

HIST 3391 - History of West Africa. 3-0-3.
Prerequisite: HIST 1110.
A history of West Africa from the earliest times to the present. The course emphasizes cultural continuities and change, trade and cultural ties with North Africa, and contemporary challenges of economic development and nation building in the region. It examines important themes like village, urban, and community life; the formation of mini and mega states such as Ghana, Mali, and Songhai empires; the creation of trans-Saharan and trans-Atlantic trade networks; traditional religion, Islam, and Christianity; European colonialism and African resistances; and decolonization.

HIST 3392 - History of Southern, Eastern and Central Africa. 3-0-3.
Prerequisite: HIST 1110.
A history of Southern, Eastern, and Central Africa from the earliest times to the present. The course emphasizes continuities and changes in African culture, African participation in Indian Ocean and Middle Eastern trade networks, and the impact of European colonization. It examines important themes like Bantu migration and state formation in Central Africa; the emergence of the Ethiopian kingdom; the impact of the Zulu Mfecane; Swahili culture and Omani rule in East Africa; Dutch settlement and the development of apartheid; and the achievement of Black majority rule in South Africa.

HIST 3393 - Emerging Themes in African History. 3-0-3.
Prerequisite: HIST 1110.
A survey of major themes in African cultural history from the earliest times to the beginning of European colonialism. The course introduces students to the peoples, societies, and cultures of the continent, and emphasizes dominant themes such as cultural unity and diversity, empire and civilization, kinship and family, ethnic and nation building, Islam and traditional religions, indigenous institutions, slavery, and sociopolitical transformations before European colonialism.

HIST 3396 - Cooperative Study. 1-3.
Prerequisite: Approval Coop Coordinator.
A supervised work experience program for a minimum of two academic semesters at a site in business, industry, or government. For sophomore, junior, or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

HIST 3398 - Internship. 1-9.
Prerequisite: 60 Semester Hours.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private, or government agency.

Notes: Credit is allowed in elective areas.

HIST 4400 - Directed Study. 1-3.
Prerequisite: HIST 1110 and 2112.
Covers special topics and seminars external to regular course offerings.

HIST 4410 - Colonial America to 1763. 3-0-3.
Prerequisite: HIST 2112.
Starting in the pre-Columbian period, this course covers the American experience until 1763. It looks at Native American life, colonization and settlement by the Spanish, French

and English, interaction with the Atlantic world, and the wars for imperial dominance fought in North America until 1763. Issues explored include class structure and family life, religion, politics, intellectual movements, society and culture, slavery, and treatment of minorities.

HIST 4411 - The American Revolution. 3-0-3.
Prerequisite: HIST 2112.
Examines the American Revolution from the start of the colonists' disputes with Britain through the ratification of the Constitution. Issues covered include the development of tensions between Britain and the colonies during the Seven Years' War and decade-long dispute over taxation, the decision to declare independence and the Revolutionary War, the postwar Confederation government, and the creation of the Constitution. The roles of women, Native Americans, African Americans, and loyalists are also examined.

HIST 4412 - The Early Republic. 3-0-3.
Prerequisite: HIST 2112.
This course will explore the history of the United States from 1787-1824. Topics and issues covered will include the creation of the Constitution, the formation of the first party system, the growth and development of the federal government, the young republic's foreign policy, the War of 1812, the Market Revolution, the Era of Good Feelings, and the development of a uniquely American culture. Social, economic, political, and military aspects of the American experience will be addressed.

HIST 4415 - Jacksonian America. 3-0-3.
Prerequisite: HIST 2112.
This course will explore the history of the United States from 1815-1848. Topics and issues covered will include the War of 1812, the Market Revolution, the Era of Good Feelings, the rise of Andrew Jackson, Indian Removal, the formation of the second party system, the rise of the reformist impulse, sectional disruptions caused by territorial expansion and slavery, the annexation of Texas, the Mexican War, and the continued development of a uniquely American culture. Social, economic, political, and military aspects of the American experience will be studied.

HIST 4425 - Oral History. 3-0-3.
Prerequisite: HIST 2112.
Focuses on the methods of taking, processing, and utilizing oral histories. Additional emphasis is placed on the study of planning, development, and operation of oral history projects for libraries, museums, corporations, and public history agencies.

HIST 4426 - Documentation and Interpretation of Historic Sites. 3-0-3.
Prerequisite: HIST 2112.
Explores the methods of documenting historic properties, especially as related to the National Register of Historic Places. Special emphasis is placed on completing a nomination for the National Register of Historic Places. Includes interpretation of historic sites for public exhibit.

HIST 4428 - The Third Reich. 3-0-3.
Prerequisite: HIST 2112 or HIST 1110
This course draws a wide range of texts to place the Third Reich (1933-1945) in a broad historical context to understand its rise, causes, consequences, and legacies.

HIST 4430 - Museum Studies. 3-0-3.
Prerequisite: HIST 2112.
Provides a broad introduction to the museum world and the functions of museums in American society. Emphasis will be placed on historical museums. Subjects covered will include museum management, collections management, education, interpretation, exhibit design, ethics, and scholarly criticism of museums.

HIST 4435 - History and Memory. 3-0-3.
Prerequisite: HIST 2112.
This seminar experience examines the literature of public history and memory. Through readings and discussion the class will examine what we know about the past and how we know it, the changing interpretation of historical events over time, the shape and influence of historical memory, the politics of historical interpretation, and the public presentation of history.

HIST 4440 - Medieval Europe. 3-0-3.
Prerequisite: HIST 1110.
A survey of the origins of European culture. Focuses on the period between the fourth and the fourteenth centuries, during which time Europe achieved its own form of cultural unity distinct from that of its Mediterranean neighbors.

HIST 4442 - History of Religious Tolerance. 3-0-3.
Prerequisite: HIST 1110.
This course traces the origins of the concept of tolerance of the religious "other," with a focus of content on medieval and Early Modern Europe. Besides the historical exploration of the topic and an examination of the emergence and development of the idea of religious toleration against a background of persecution and wars of religion, students also examine and discuss philosophical and practical aspects of religious tolerance today.

HIST 4444 - Renaissance and Reformation Europe. 3-0-3.
Prerequisite: HIST 1110.
A survey of the changing patterns of thought that radically altered European society between the 14th and 17th centuries. The renaissance of art, the triumph of individualism, the rise of Protestantism, and the reformation of the Church will be studied in their social, political, and intellectual contexts.

HIST 4445 - Age of Enlightenment. 3-0-3.
Prerequisite: HIST 1110.
A contextualized discussion of major developments in European thought during the eighteenth century. Topics include rationalism and the notion of the social applicability of science, the idea of progress, the critique of established religion, economic theories such as those of the Physiocrats, and epistemological interests as expressed in the Encyclopedie of Diderot and d'Alembert, as well as the increased cosmopolitanism and the importance of extra-European models (especially the Chinese Confucian model).

HIST 4451 - Civil War and Reconstruction. 3-0-3.
Prerequisite: HIST 2112.
Causes and development of the U.S. Civil War from 1830. Includes an analysis of the political, social, and economic aspects of the Reconstruction Era.

HIST 4453 - World War I. 3-0-3.
Prerequisite: HIST 1110.
This course provides an overview of the major issues and events surrounding the First World War, exposing students to its opposing governments, leaders, military forces, and major battles, aspects that shaped the conduct and outcome of this momentous international confrontation. It affords students an understanding of the political, military, and social histories of the war and the long-range political and social implications and consequences of the treaty that came at its conclusion.

HIST 4454 - Twentieth Century Europe. 3-0-3.
Prerequisite: HIST 1110.
A survey of European history from 1914 to the present. The course focuses on the main forces that have shaped Europe such as the Second Industrial Revolution and the development of mass society. It examines women's issues; the rise of Fascism; the impact of existentialism on philosophy, literature, and art; the collapse of Euro-communism; and progress toward European Union.

HIST 4455 - Twentieth Century Russia. 3-0-3.
Prerequisite: HIST 1110.
A study of Russia in the 20th century that examines in detail the birth, life, international influence, death, and aftermath of the Soviet Union and relates these events to Russian and world history.

HIST 4456 - World War II. 3-0-3.
Prerequisite: HIST 1110.
A survey of the causes, events, and results of World War II. The course emphasizes military history and the global nature of the conflict but also examines the economic, political, and diplomatic aspects of the war.

HIST 4461 - Gilded Age & Progressive Era. 3-0-3.
Prerequisite: HIST 2112.
An examination of the expansion, industrialization, and urbanization of the United States in the late 19th and early 20th centuries and of the era's cultural, political, economic, intellectual, and social issues.

HIST 4471 - Recent United States History. 3-0-3.
Prerequisite: HIST 2112.
Recent United States History, 1939-present. Considers domestic political history, an overview of foreign policy, economic growth and change, and social and cultural reform movements.

HIST 4475 - War and Revolution in Southeast Asia. 3-0-3.
Prerequisite: HIST 1110 and 2112.
Studies the responses of the traditional cultures of Vietnam, Laos, Cambodia, Thailand, Malaysia, and Indonesia to outside influences and modernizing forces in the nineteenth and twentieth centuries; considers both world wars and the Indochina Wars in the context of the Cold War and their impact on Europe and the United States.

HIST 4488 - Approaches to World History. 3-0-3.
Prerequisite: HIST 1110 and 2206.
An examination of the various approaches to world history as a field of study, comprising the important debates and controversies in the tradition. The course includes a consideration of contemporary debates and recent developments on topics such as modernization and its place and significance in world history. The examination also includes a critique of the conceptualization of world history in today's classroom and will suggest possible alternatives.

HIST 4490 - Special Topics in History. 1-3.
Prerequisite: HIST 1110 and 2112.
Selected special topics of interest to faculty and students.

HIST 4499 - Senior Seminar. 3-0-3.
Prerequisite: HIST 2270 AND 3376, with 'C' or better.
A combined tutorial and seminar in which students research and write a senior thesis in addition to making a computer based presentation in class.

HON: Honors

HON 2290 - Honors Seminar. 3-0-3.
Prerequisite: Admission to the Undergraduate Honors Program.
A special topics course offered exclusively for students admitted to the Undergraduate Honors Program and designed to examine a single theme or issue from a variety of disciplinary perspectives, providing students with the opportunity to work individually or collaboratively on a cross-disciplinary project.

HON 3000 - Honors Colloquium. 1-0-1.
Prerequisite: Admission to the Undergraduate Honors Program.
A course designed to explore different disciplinary perspectives on knowledge and its acquisition, fostering faculty-student interchange in a seminar setting. Students also participate in three or more cultural/intellectual activities beyond the classroom. Required of all students in the Undergraduate Honors Program, the Colloquium may be repeated to meet the expectations of Fundamental Three of the Honors curriculum.

HON 4400 - Honors Directed Study. 3-0-3.
Prerequisite: Admission to the Undergraduate Honors Program.
A course designed to accommodate traditional or applied learning experiences exclusive of those offered in other Honors courses.

HON 4490 - Honors Special Topics. 3-0-3.
Prerequisite: Admission to the Undergraduate Honors Program.
A course addressing special topics of interest to Honors students and faculty.

HON 4497 - Honors Senior Capstone Experience I. 1-0-1.
Prerequisite: Approval of the Honors Director.
The Honors Senior Capstone Experience requires students to design and execute a project reflecting original research, an original synthesis of existing research, an application of existing research to a new context, an original creative work, or the application of special skills to the creation and coordination of a substantial service learning project in the student's major. This first one-hour segment gives credit for producing a substantive honors capstone proposal that can be approved by the Honors Council. Required of all students in the Undergraduate Honors Program.

HON 4498 - Honors Senior Capstone Experience II. 3-0-3.
Prerequisite: HON 4497.
This three-hour segment of the Honors Senior Capstone Experience requires a student with an approved capstone proposal to conduct research or complete other activities related to the capstone product and submit a research outline or detailed progress report to the

project supervisor at the end of the semester. Required of all students in the Undergraduate Honors Program.

HON 4499 - Honors Senior Capstone Experience III. 1-3.
Prerequisite: HON 4498.
This final segment of the Honors Senior Capstone Experience requires an honors student to complete and submit the Honors Portfolio and the final capstone product: an honors thesis, an original creative work, or a capstone narrative, supported with appropriate documentation, describing the process and learning outcomes of a major service learning project. Required of all honors students.

HPS: Health, Physical Education And Sport Science

HPS 1000 - Fitness for Living. 2-1-3.
Prerequisite: None.
Emphasis on the importance of physical activity, nutrition, stress and weight management, and health-related fitness components. Topics will be developed with practical applications to one's life-style including opportunities to assess selected fitness, nutritional and activity patterns, and to develop and participate in a personalized physical activity program.

HPS 1030 - Aerobic Conditioning/Weight Training. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in a variety of cardiovascular fitness related activities and weight training principles.

HPS 1050 - Archery/Badminton. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in target archery and badminton.

HPS 1070 - Basketball/Softball. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in five player basketball and slow pitch softball.

HPS 1090 - Dance: Ballet. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in classical ballet dance.

HPS 1130 - Dance: Jazz. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in basic jazz dance.

HPS 1150 - Dance: Modern. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in basic modern dance.

HPS 1160 - Rhythmic Activities for Children (P-5). 1-1-1.
Prerequisite: None.
Rhythmic and movement concepts used in expressive movement and as a foundation for motor skills included. Strategies for teaching creative movement will be addressed. Field experience with young children included.

HPS 1170 - Folk/Square/Social Dance. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques, and knowledge appropriate for participation in folk, square, and social dance. Will include selected folk dances representing different cultures around the world. Circle, contra, and western style square dance will be emphasized. Social dances shall include Fox Trot, Waltz, Swing, and various Latin dances.

HPS 1190 - Soccer/Team Handball. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques, and knowledge appropriate for the successful participation in soccer/team handball.

HPS 1210 - Golf. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in golf.

Notes: Additional fee required.

HPS 1230 - Martial Arts. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in the development of martial arts and self defense skills.

Notes: Additional fee required.

HPS 1250 - Outdoor Recreational Pursuits. 1-1-1.
Prerequisite: HPS 1310 or instructor's consent.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation and appreciation of outdoor recreation activities. Units represented may include backpacking, camping, orienteering and canoing. Weekend trips, off campus field experiences and additional fee required.

HPS 1290 - Stunts & Tumbling/Gymnastics. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in the development of stunts, tumbling and gymnastic skills.

Notes: Additional fee required.

HPS 1310 - Swimming: Beginning. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful completion of the American Red Cross Beginning through Intermediate swimming levels. Course is designed for the nonswimmer or individual with limited aquatic experience.

HPS 1330 - Swimming: Intermediate. 1-1-1.
Prerequisite: HPS 1310 or instructor's consent.
Motor skill acquisition, fundamental techniques and knowledge appropriate for swimming and water safety. Successful completion of this course corresponds to standards for the American Red Cross Swimmer level.

HPS 1350 - Swimming: Lifeguard Training. 1-1-1.
Prerequisite: HPS 1330 or instructor's consent.
Motor skill acquisition, fundamental techniques and knowledge appropriate to become certified in American Red Cross Lifeguard Training.

HPS 1390 - Tennis. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques and knowledge appropriate for the successful participation in tennis.

HPS 1430 - Volleyball. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques, and knowledge appropriate for successful participation in volleyball.

HPS 1450 - Scuba Diving. 1-1-1.
Prerequisite: HPS 1310 or instructor's consent.
This course is designed to develop fundamental concepts, principles, and techniques of sport SCUBA diving. Course covers selection and maintenance of gear, snorkeling skills, physiology of diving, use of dive tables, diving environment, and an emphasis on safe diving practices. PADI open water certification available but not required to fulfill HPS credit.

Notes: Additional fee and mask, fins, and snorkel required.

HPS 1470 - Self Defense. 1-1-1.
Prerequisite: None.
This course develops self defense tactics and the knowledge of personal safety. Topics may include but are not limited to hand and leg strikes, various escapes and releases, safety in the car and home, sexual harassment, date rape, self defense and the law, and sexual abuse of children.

HPS 1510 - Fitness Swimming. 1-1-1.
Prerequisite: HPS 1310 or instructor's consent.
This course provides opportunities for students with good swim skills to increase their fitness level via the medium of water. Workouts will be comprised of drills designed to increase stroke efficiency as they improve aerobic capacity, body composition, and muscular endurance. This is a vital opportunity for those students with physical limitations that prohibit typical land based exercise.

HPS 1530 - Water Aerobics. 1-1-1.
Prerequisite: None.
This course is comprised of aerobic exercises and muscular strength/endurance exercises performed in the water. These exercises will focus on increasing mobility, cardiovascular fitness, muscle tone, and improving body composition. This is a vital opportunity for

students with physical limitations prohibiting typical land based exercise.

Notes: No aquatic proficiency required.

HPS 1550 - Developmental Movement Experiences. 1-1-1.
Prerequisite: None.
Foundational framework for motor skill acquisition, fundamental techniques and knowledge appropriate for children and early adolescents. Developmental patterns and experiences will range from educational games, rhythms, and gymnastics to cooperative, cross cultural and creative leisure activities/games.

HPS 1570 - Walk/Jog for Fitness. 1-1-1.
Prerequisite: None.
Motor skill acquisition, fundamental techniques, and knowledge appropriate for the successful participation in walking/jogging cardiovascular fitness activities. Nutritional principles for lifetime health will also be discussed.

HPS 1810 - Outdoor Recreation and Education. 1-1-1.
Prerequisite: HPS majors only.
Fundamental techniques and leadership skills necessary for safe participation in a variety of land and water outdoor recreational and educational activities without disturbance to the environment. Activities may include backpacking, camping, orienteering, canoeing, basic survival and problem solving adventure activities.

Notes: Additional fee required.

HPS 1830 - Swimming: Water Safety Instructor. 1-2-2.
Prerequisite: HPS 1330 or instructor's consent.
Fundamental techniques, knowledge and methods appropriate to become certified to teach all levels in the American Red Cross swimming programs.

HPS 1850 - Advanced Strength/Aerobic Training. 1-1-1.
Prerequisite: HPS majors only.
Motor skill acquisition, advanced techniques and knowledge appropriate for successful participation and instruction in strength training and aerobic fitness activities.

HPS 2000 - Contemporary and Historical Perspectives of Health and Physical Education. 3-0-3.
Prerequisite: ENGL 099, READ 099, if required.
An overview of contemporary and historical perspectives of health and physical education. Emphasis is on providing discussion of career options, major programs of study and professional opportunities in the areas of health and physical education as well as a survey and study of the historical and philosophical principles relative to physical education from a world and U.S. perspective. HPS majors should take this course prior to all 2000-4000 level major courses.

HPS 2090 - Exercise Leadership. 2-2-3.
Prerequisite: HPS 1000 and Community First Aid and Safety (C.F.A.S.) Certification.
This course is designed to provide students with leadership skills and experience that directly apply to fitness programs. Topics include current trends in aerobics classes, workout design and implementation, monitoring exercise, exercise risk factors, safe and effective exercise, evaluation of existing programs, and administrative considerations.

HPS 2100 - Introduction to Exercise and Health Science. 3-0-3.
Prerequisite: ENGL 099, READ 099, if required.
An introduction to exercise and health science. Topics include historical perspectives, overview of the profession and career opportunities, professional organizations, certification programs, current issues, and future trends.

HPS 2200 - Introduction to Sport Management. 3-0-3.
Prerequisite: None.
An introduction to sport management. To include a historical development of the discipline, overview of the profession and career opportunities, professional organizations, current issues, and future trends.

HPS 2220 - Legal Aspects of Sports. 3-0-3.
Prerequisite: HPS 2200; admission to the program or instructor's consent.
This course will focus on the application of law principles to the sport and fitness setting. Areas include agency law, tort liability, contract law, antitrust law, Constitutional law, labor law, and criminal law. The course will

focus on issues as they pertain to sport managers, educators, coaches, athletes, facility directors, and recreational administrators.

HPS 2222 - Sports Information. 3-0-3.
Prerequisite: HPS 2200; admission to the program or instructor's consent.
The primary purpose of this course is to familiarize students with the field of sport information including mass communication, the print media, the broadcast media, sports news releases, interviewing, and public relations. Emphasis is placed upon the gathering, managing, and delivering of information about sport organizations, teams, players, and coaches to the public.

HPS 2290 - Special Topics. 1-3.
Prerequisite: None.
Selected physical activity units not regularly offered through the Department of HPS.

Notes: Repeatable.

HPS 2300 - First Aid/CPR Instructor Training. 3-0-3.
Prerequisite: Current American Red Cross Community First Aid and Safety (C.F.A.S.) Certification.
Theory, practice, and application for safety, injury prevention, and care to include the American Red Cross Community First Aid and Safety (CFAS). Teaching methodologies are also needed to prepare professionals to teach CFAS to the layperson. Topics may include but are not limited to: personal, school, home, recreation, traffic, work site, and disaster safety.

HPS 3050 - Coaching Principles. 3-0-3.
Prerequisite: None.
Basic understanding of the theoretical and practical applications of the sport science areas of physical education related to coaching. Current issues and topics addressing the principles and problems of the prospective interscholastic coach including coaching philosophy, pedagogy, sport psychology, sport medicine and sport physiology. Students successfully completing the course may become certified as a Leader Level Coach by the American Coaches Effectiveness Program.

HPS 3060 - Advanced Coaching Methodology: Basketball and Volleyball. 3-0-3.
Prerequisite: HPS 3050.
This course is designed to provide an in-depth understanding of the theories and techniques of coaching basketball and volleyball. Students will be provided with an overview of various key coaching topics such as: player selection for various positions; season practice plans; planning practice structure; training the basic skills; offensive systems; defensive systems; transition play; game coaching considerations; and conditioning principles.

HPS 3070 - Advanced Coaching Methodology: Soccer and Tennis. 3-0-3.
Prerequisite: HPS 3050.
This course is designed to provide an in-depth understanding of the theories and techniques of coaching soccer and tennis. Students will be provided with an overview of various key coaching topics such as: player selection for various positions; season practice plans; planning practice structure; training the basic skills; offensive systems; defensive systems; transition play; game coaching considerations; and conditioning principles.

HPS 3080 - Advanced Coaching Methodology: Softball and Baseball. 3-0-3.
Prerequisite: HPS 3050.
This course is designed to provide an in-depth understanding of the theories and techniques of coaching softball and baseball. Students will be provided with an overview of various key coaching topics such as: player selection for various positions; season practice plans; planning practice structure; training the basic skills; offensive systems; defensive systems; transition play; game coaching considerations; and conditioning principles.

HPS 3100 - Sociological and Psychological Aspects of HPS. 3-0-3.
Prerequisite: None.
A survey of social psychological factors affecting performance in sports and physical activity. Emphasis on the impact on performance and the teaching/learning process. Topics will include leadership, motivation, group cohesion, social facilitation, arousal/anxiety, cognitive processes, and competition and cooperation.

HPS 3200 - Motor Learning. 3-0-3.
Prerequisite: None.
Current theories and principles explaining motor behavior and the psychological factors related to and affecting motor skill acquisition and performance. Topics include learning theories, information processing, motor control, state of the learner, nature of skills and instructional considerations.

HPS 3240 - Physical Activity and Health Promotion for the Older Adult. 2-3-3.
Prerequisite: HPS 1000 and BIOL 2222 (with "C" or better), and a 2.5 KSU adjusted GPA.
Examination of the relationship and importance of physical activity and health promotion of the older adult. Also includes risk reduction, health maintenance, health enhancement, and physical activity assessment. Students will participate in the lab setting associated with the SPARHKS program on Friday mornings.

HPS 3250 - Family Health and Sexuality. 3-0-3.
Prerequisite: HPS 1000.
This course focuses on the historical, sociological, physiological, and educational perspectives of family living and human sexuality. Specific topics include: current family health issues (parenting, divorce, family relationships, dating and marriage, aging, death and dying); sexuality research; history, culture and sexuality; sexual anatomy, reproduction and contraception; sexual response and behavior; sexual dysfunction; gender issues; communication; sexual orientation; sexuality across the life span; sex in the media; sexual coercion, domestic violence and abuse.

HPS 3300 - Personal Health Behavior. 3-0-3.
Prerequisite: HPS 1000.
A study of the physical, mental and social factors of personal wellness and community health issues. Topics include substance use and abuse, human sexuality and HIV, mental and emotional health, diseases and disorders.

HPS 3333 - Sports Broadcasting. 3-0-3.
Prerequisite: HPS 2200; admission to the program or instructor's consent.
The focus of this course is the many disciplines in the art of sports casting for radio and television. This is a performance lab course in which students will be required to produce and present sports broadcasting materials encompassing studio and remote applications.

HPS 3370 - Sport Facility and Event Management. 3-0-3.
Prerequisite: HPS 2200, HPS 2220 and admission to the program or instructor's consent .
The wide-spectrum of sport facilities from public assembly venues to community recreation centers are examined in this course. Specifically, how these facilities are planned, financed, and managed are motifs in this course. Additionally, students are exposed to the essential principles of event management.

HPS 3390 - Leadership and Management in. 3-0-3.
Prerequisite: HPS 2200; admission to the program or instructor's consent.
Students explore the theoretical frameworks of the body of knowledge of Sport Management, the practical applications of those frameworks, and the ethical issues confronting today's sport managers.

HPS 3395 - Coaching Practicum. 1-6-3.
Prerequisite: HPS 3050.
A senior-level coaching experience designed for candidates in the Coaching minor program of study. Candidates will be assigned as intern (assistant) coaches who will work under the supervision of experienced head or senior coaches at the collegiate, school (only if enrolled in the HPE curriculum), or recreation program levels. This is a field based practicum that will provide candidates with practical experiences in planning and implementing competitive athletic programs.

HPS 3398 - Internship. 1-15.
Prerequisite: Consent of department chair.
A supervised, credit-earning experience of one academic semester with a previously approved business firm, sport organization, private agency or governmental agency.

Notes: Credit is allowed only in elective areas. S/U grading only.

HPS 3450 - Curriculum, Instruction & Management for Early Childhood Physical Education. 2-2-3.
Prerequisite: Admission to program and HPS 1160.
Knowledge, fundamental techniques and motor skill analysis appropriate for the development of children's games, dance and gymnastics. Knowledge and skills of basic skill themes and movement concepts stressed.

Curriculum development, methods and materials for planning and implementing a total developmental program for elementary physical education. Includes teaching experiences and appropriate computer software usage.

Notes: Verification of liability insurance is required prior to placement in the field experience.

HPS 3500 - Foundations of Recreation and Leisure. 3-0-3.
Prerequisite: HPS 2200; admission to the program or instructor's consent.
A foundation for the study of recreation and leisure and the organizations that deliver recreational services. To include an overview of the philosophical, historical, social, cultural, and political factors which influence recreation and leisure. The course will also emphasize the role of the professional in the delivery of recreational services.

HPS 3550 - Curriculum, Instruction and Management for Middle Grade and Secondary Physical Education. 3-0-3.
Prerequisite: Admission to Teacher Education.
Curriculum development, methods and materials for planning and implementing a total developmental program for middle and secondary grade physical education. Includes teaching experiences and appropriate computer software usage.

HPS 3600 - School Health Issues. 2-2-3.
Prerequisite: HPS 1000.
Major public health issues impact on America's schools and the programs and policies that improve the prevalence and etiology of health behaviors among adolescents. Utilizes the Coordinated School Health Program to promote adolescent health and academic performance. Learning experiences include observation of school health professionals in the field.

HPS 3650 - Curriculum, Methods and Materials in Health Education. 2-2-3.
Prerequisite: Admission to Teacher Education and HPS 3600.
Curriculum development and instructional analysis for the planning and implementation of comprehensive health education programs for grades P-12. Includes experiences in school-community health services, teaching experiences, directed field observations and appropriate computer software usage.

Notes: Verification of liability insurance is required prior to placement in the field experience.

HPS 3670 - Early Childhood Health/Physical Education for the Classroom Teacher. 2-2-2.
Prerequisite: EDUC 3302. Corequisite: ECE 4401.
The study of health education and movement experiences for early childhood school children as part of the comprehensive school health education program. Planning, teaching, and evaluating a developmental program. Emphasis will be placed upon integrated planning experiences.

Notes: Includes field experience.

HPS 3700 - Recreation Programming. 3-0-3.
Prerequisite: HPS 2200 or permission of the instructor.
This course will provide students with an overview of recreation programming across the age spectrum and diverse populations. Leisure programming trends and niche marketing are examined as well. This course also facilitates the understanding and application of the recreation program process for leisure delivery systems including an introduction to activity plans, program design, delivery, and evaluation.

HPS 3750 - Adapted Physical Education *Hours*
Prerequisite: HPS 3450 or 3550.
Characteristics and abilities of individuals with disabilities and effect on the performance of the individuals. Methods for assessing abilities, modifying and developing suitable physical education programs for schools and activity centers. Particular attention is given to the implications of current legislation affecting individuals with disabilities. Includes practical experience in an adapted program.

HPS 3777 - Economics of Sport. 3-0-3.
Prerequisite: HPS 2200, ECON 2100 and admission to the program or instructor's consent.
The primary purpose of this course is to familiarize students with economic principles related to the sport industry. Students will study how societies use resources to produce commodities in sport. The course will focus on issues involved in the organization of sports and the economics of amateur, collegiate, professional, and Olympic sports. Students will also be exposed to other parts of the sport industry including youth sport, recreational sport, international sport, and the sporting goods industry as they relate to the economy.

HPS 3800 - Biomechanics. 3-0-3.
Prerequisite: BIOL 2221 (with "C" or better).
The study of neuromuscular and mechanical principles of motion as related to the analysis of human movement.

HPS 3850 - Health Promotion and Program Planning. 3-0-3.
Prerequisite: HPS 3300, HPS 2100, and a 2.5 KSU adjusted GPA.
Fundamentals of health promotion and program development, implementation and evaluation in community, work site, club and clinical settings. Includes economic impact of health programming, analysis of planning as well as tools for measurement of health status at the individual, community and national levels.

HPS 3888 - Budget and Finance in Sport. 3-0-3.
Prerequisite: HPS 2200 and admission to the program or instructor's consent.
The primary purpose of this course is to familiarize students with finance and budgeting in sport. Emphasis is placed upon traditional and innovative revenue acquisition methods, along with conventional income sources, such as tax support, ticket sales, concessions, and fund raising. Additionally, students will be exposed to more recent innovations related to licensing sports products, media sales, and corporate sponsorships.

HPS 3900 - Commercial Recreation and Tourism. 3-0-3.
Prerequisite: HPS 2200 or permission of the instructor.
This course is designed to introduce students to historical and contemporary perspectives of the field of commercial recreation and tourism. This course will provide opportunities to learn the necessary writing, technical, business management, and people skills to compete in the current marketplace.

HPS 4000 - Service Learning in HPS. 1-3.
Prerequisite: 60 semester hours and permission of the instructor and chair/program director.
A community activity which links learning to life by connecting meaningful community service activities with academic learning, personal growth, and civic responsibility. Activity will be designed with the instructor and approved by the chair/program director.

HPS 4150 - Nutrition and Physical Activity. 3-0-3.
Prerequisite: HPS 1000 and HPS 2100, or instructor's consent.
Nutritional needs of individuals participating in physical activity and sport. Topics include the role of individual nutrients in metabolism, estimation of energy needs, fluid balance, food fads, meal planning and nutritional needs of the body during various stages of activity.

HPS 4200 - Contemporary Health Issues. 3-0-3.
Prerequisite: HPS 3300 or instructor's consent.
The investigation and discussion of current and future issues that may affect the health and well-being of the individual and society. Topics include but are not limited to: health care, and consumer health issues, health care legislation, environmental health concerns, HIV/AIDS.

HPS 4250 - Measurement and Evaluation. 3-0-3.
Prerequisite: MATH 1107, admission to program, and HPS 3450 or 3550. Corequisite: HPS 4430 or HPS 4410.
An overview of the purposes and forms of assessments used in P-12 health and physical education programs. Emphasis includes the study of authentic assessments as opportunities for student learning as well as instructional tools for effective teaching. Topics include assess knowledge and skill acquisition, gathering, reporting and interpreting assessment results, validity and reliability of assessment instruments, and test administration.

HPS 4270 - Research Methodology. 3-0-3.
Prerequisite: HPS 2100 and senior standing, or permission of instructor.
Overview of the research process applied in the study of exercise and health science. Topics will include simple experimental design, data gathering techniques, statistical concepts and methods and report/research writing.

HPS 4300 - Physiology of Exercise. 2-2-3.
Prerequisite: BIOL 2222 (with "C" or better), and a 2.5 KSU adjusted GPA.
Physiological functions of the body during muscular work. Physiological aspects of fatigue, training and physical fitness.

Notes: Includes laboratory experiences.

HPS 4350 - Fitness Evaluation and Exercise Prescription. 3-0-3.
Prerequisite: HPS 2100 and HPS 4300.
A detailed examination of the health-related aspects of physical fitness. Emphasis on current test procedures used for determining body fat percentage, maximum oxygen uptake, cardiac stress testing and respiratory efficiency. Thoroughly familiarizes student with lab procedures, test protocol and construction of personalized exercise prescription.

HPS 4400 - Directed Study. 1-15.
Prerequisite: Approval of instructor, major area committee, and department chair prior to registration.
Covers special topics and seminars of an advanced nature external to regular course offerings.

HPS 4410 - Practicum in Children's Health and Physical Education. 1-3-1.
Prerequisite: HPS 3450, permission of department.
Field based practicum in the early grade public schools designed to provide students with practical experiences in planning and implementing health and physical education instruction in grades P-5. Verification of liability insurance is required prior to placement in the field experience.

HPS 4430 - Practicum in Middle and Secondary School Health and Physical Education. 1-3-1.
Prerequisite: HPS 3550, HPS 3650, and permission of the HPE faculty.

A field based practicum in both the middle and secondary public schools designed to provide students with practical experiences in planning and implementing school health and physical education instruction in grades 6-12. Verification of liability insurance is required prior to placement in the field experience.

HPS 4490 - Special Topics in HPS. 1-3.
Prerequisite: Approval of instructor and department chair.
Selected topics of interest to faculty and students not normally offered by the Department of HPS.

HPS 4500 - Physiological Basis of Training and Performance. 2-2-3.
Prerequisite: BIOL 2222 (with "C" or better) and HPS 2100. Corequisite: HPS 4300.
A study of the physiological basis of training and factors limiting human performance. Includes topics such as neuromuscular function, hormonal control, environmental conditions, ergogenic aids, and the evaluation and training for performance.

Notes: Includes laboratory experiences.

HPS 4600 - Health Promotion Applications. 3-0-3.
Prerequisite: HPS 3850 or permission of the instructor.
Health promotion programming specific to program development implementation, and evaluation components and strategies. Emphasis is placed on the implementation of a health promotion program in the field.

HPS 4700 - Clinical Aspects of Exercise. 3-0-3.
Prerequisite: HPS 4300; Corequisite: HPS 4350.
Clinical aspects and implications of exercise physiology principles for a population of apparently unhealthy individuals who desire or need to become more physically active. The course is designed to provide the student with basic knowledge, skills and abilities in the area of pathophysiology and exercise responses in the apparently unhealthy population. Topics include exercise ECG and cardiovascular disease; endocrinology and metabolic disorders; COPD; Oncology and the Immune System; Disorders of Bones and the Joints; Selected Neuromuscular Disorders; and Special Populations.

HPS 4710 - Senior Sport Management Seminar. 1-4-3.
Prerequisite: HPS 3390; HPS 3370; admission to the program or instructor's consent.
This capstone course is designed for the sport management concentration by integrating the student's prior academic experiences and analyzing them in the context of the required seminar field-based experiences. Students will complete a 6-hour practicum during this course, and therefore, will be required to locate a site prior to the beginning of the semester. Contemporary issues, problems, research and theories are discussed. Additional course content includes: strategies for seeking internship and entry-level employment, long-term career planning and post graduate study options.

HPS 4730 - Seminar in Exercise and Health Science. 3-0-3.
Prerequisite: HPS 3850, HPS 4300, and senior standing, or permission of instructor. Corequisite: HPS 3888 and HPS 3777 may be taken as corequisites. Admission to the program or instructor's consent.
Designed as a culminating course to integrate the academic experiences in the Exercise and Health Science program. Recent issues, trends, theories, problems, and research will be examined. Additional content will include career skills, employment strategies and marketplace needs.

HPS 4750 - Exercise and Health Science Internship. 1-39-12.
Prerequisite: Admission to Exercise and Health Science Internship, a 2.75 GPA in EHS Core; and internship coordinator approval.
A senior-level credit-earning experience of one academic semester at an approved exercise and health science internship site. Students work under the direct supervision of exercise and health science professionals and a university supervisor.

Notes: Required of all Exercise and Health Science students. S/U grading only.

HPS 4850 - Student Teaching in Health and Physical Education (P-12). 1-33-12.
Prerequisite: Admission to HPS student teaching.
Full-time teaching experience under the supervision of a public school supervising teacher and a college supervisor. S/U grading only. Verification of liability insurance is required prior to placement in the field experience.

HPS 4950 - Sport Management Internship. 1-39-9.
Prerequisite: Admission to Sport Management Internship; an AGPA of 2.75; department chair approval and completion of all sport management program requirements.
A senior-level credit earning experience of one academic semester at an approved sport management internship site. Students work under the direct supervision of sport management professionals and a university supervisor.

Notes: Required of all sport management students. S/U grading only.

HS: Human Services

HS 2233 - Overview of Human Services. 3-0-3.
Corequisite: None.
This course provides students with an overview of helping professions. Topics include: philosophy of human services; characteristics of human service workers; careers in human services; description of public, non-profit and for-profit agencies; theory; and cultural diversity. Human service majors are required to take this course as a prerequisite for many other HS courses. Students must complete 20 hours of volunteer service as a requirement of this class.

HS 2240 - Fundamentals of Nonprofit Organizations. 3-0-3.
Prerequisite: None.
This introductory course is designed to provide knowledge, theory, and skills in the administrative/management aspects of nonprofit organizations.

HS 2244 - Foundation Internship. 3-0-3.
Prerequisite: HS 2260.
This course provides students the opportunity to begin to explore the helping professions by completing 150 hours of service learning. Students will begin to apply theoretical knowledge, skill development and human services value systems to a particular work environment.

Notes: Non majors are welcome to take HS 2233.

HS 2250 - Cultural Competence in the Human Services. 3-0-3.
Prerequisite: None.
This foundation course in human diversity enhances students' abilities to understand, evaluate, and provide culturally sensitive and competent human services to members of diverse groups. This course gives students the opportunity to reflect upon their own cultural development and to be more sensitive to others.

HS 2260 - Interviewing Skills for the Helping Professions. 3-0-3.
Prerequisite: Completed 30 credit hours at KSU.
This course introduces students to interviewing skills in non-crisis settings. Communication skills learned in the course include relation-building techniques within a problem-solving model. Additionally, students

learn skills to identify client strengths and to work with resistant clients. Students are required to role-play, videotape, and critique skills learned in the course. The goal of this course is to expose the student to a variety of perspectives and techniques used by all human service workers.

HS 2275 - Research Methods for Human Services. 3-0-3.
Prerequisite: MATH 1107 or equivalent.
This course introduces quantitative and qualitative social science research methods with an emphasis on specific methods necessary for human service research and evaluation. This course enables students to become informed producers and consumers of research products, particularly in the human service areas. The emphasis is on basic concepts and underlying assumptions of various social science research methodologies and their design implications. It also develops skills in designing research projects with a particular emphasis on survey research.

HS 3200 - Social Welfare Policy. 3-0-3.
Prerequisite: POLS 2212 or POLS 1101.
This course provides students with an overview of American social welfare policy and the problems that they address. Attention will also be given to social welfare in a global society.

HS 3300 - Human Socialization. 3-0-3.
Prerequisite: SOCI 2201 or PSYC 1101.
This course provides students with an overview of human development within the social environment. The couse focuses on the effect of the environment on personal and social functioning.

HS 3304 - Community Intervention. 3-0-3.
Prerequisite: HS 2233.
This course focuses on macro-human service practice as a complement to preparation in micro-direct services. It is specifically designed to provide students with a working knowledge and basic skills required for helping communities and organizations address their needs and concerns. Students will learn various models of community and organizational intervention that can be used in diverse settings.

HS 3320 - Working with Support Groups. 3-0-3.
Prerequisite: HS 2260.
This course introduces students to basic theory, skills, methods, and values necessary to lead support groups. These groups are not designed to be in-depth therapeutic experiences but to deal with individuals experiencing general problems of everyday life.

HS 3322 - Aging and the Family. 3-0-3.
Prerequisite: HS 2233 or PSYC 2201.
This course introduces students to family systems theory and practice in relation to working with older adults and their families. The impact on nursing home placement, Alzheimer's disease, death and dying, and depression as it is related to family function is stressed. Services and solutions to aging related problems will be included.

HS 3324 - Death, Dying, and Bereavement. 3-0-3.
Prerequisite: HS 2233 or PSYC 1101.
This course provides an understanding of death and dying, bereavement and loss. This course will attempt to "take death out of the closet," present many viewpoints, and highlight the important areas that surround this topic. Skills needed to work with the dying and their families will be stressed.

HS 3335 - Working with Families. 3-0-3.
Prerequisite: HS 3320.
This course provides students an overview of the basic theoretical models used for family interventions. Students will also learn beginning skills for family group work.

HS 3350 - Poverty and Culture. 3-0-3.
Prerequisite: HS 2250.
This required course will provide an overview of poverty in the U.S., its causes, efforts to alleviate it, and its reflection in and by culture. Students will examine theories of causes of poverty, insights into personal experiences of poor people, and critical thinking activities relative to this social issue.

HS 3375 - Program Development and Evaluation. 3-0-3.
Prerequisite: HS 2275.
This course introduces student to the development and evaluation of human services programs. It stresses the importance of considering evaluation within program development. Students will learn program evaluation techniques, building upon the course content of HS 2275. They will design a small-scale program that includes an evaluation plan.

HS 3398 - Advanced Internship. 3-9.
Prerequisite: Permission of the department.
Human service majors are required to complete a minimum of 300 clock hours (6 semester credit hours) of supervised field experience. The advanced internship is taken within the last two semesters before graduation.

HS 3520 - Leadership in Nonprofit Organizations. 3-0-3.
Prerequisite: HS 2240.
This course introduces students to the field of leadership in nonprofit organizations. It specifically focuses on managing change, role of leadership organizations of the future, and the skills needed to successfully lead an organization. The "underpinning" of leadership (trust, credibility, courage, aloneness, reciprocity, sharing power, etc.) is also explored. This is a required course for Nonprofit Leadership Alliance students pursuing the Certification in Nonprofit Management.

HS 3540 - Grant Writing and Fundraising. 3-0-3.
Prerequisite: HS 2240.
This course introduces students to the area of fund raising, development, special events and basic finance in the nonprofit sector. It is also appropriate for students working in other areas of Human Services as well as other majors who plan to work with nonprofits or governmental agencies.

HS 3560 - Human Resources for Nonprofit Organizations. 3-0-3.
Prerequisite: HS 2240.
This course introduces the student to the basic theories, techniques, and skills that are necessary to effectively manage human resources, including staff and volunteers.

HS 4400 - Directed Study in Human Services. 1-3.
Prerequisite: Approval of instructor and department chair.
This course covers special topics and seminars external to regular course offerings. May include original research projects and practicum experiences.

HS 4410 - Ethics in the Helping Profession. 3-0-3.
Prerequisite: 99 credit hours completed.
This course provides students with an understanding of the importance of ethics and values in the Human Service Profession. Students will examine how their own personal and professional values affect their practice and will learn various models for ethical decision-making. Also students will learn how to become sensitive to different value systems.

HS 4415 - Principles of Child Welfare. 3-0-3.
Prerequisite: HS 2233 or PSYC 1101.
This course provides the student with a comprehensive overview of child welfare as a societal concern. Students will become aware of the historical development of children's problems, services, and the issues facing children today.

HS 4420 - Dynamics of Family Violence. 3-0-3.
Prerequisite: HS 2233 or PSYC 1101.
This course provides students with a working knowledge of family violence issues. Students will become familiar with different theories regarding causation and treatment as well as society's response to family violence.

HS 4425 - Working with Children and Youth. 3-0-3.
Prerequisite: HS 3300 or PSYC 3305.
This course focuses on theoretical interventions through the lifespan phases of childhood and adolescence. Intervention techniques within an ecological framework are explored and assessed for use in a wide range of problem areas in a variety of settings.

HS 4440 - Crisis Intervention. 3-0-3.
Prerequisite: HS 2260.
This course builds on concepts and techniques taught in HS 3313 Interviewing Skills for Human Service Workers. Students will learn crisis intervention theory, advanced communication skills, and knowledge about different crises and crisis settings. Students will be required to role-play crisis intervention techniques.

HS 4490 - Special Topics in Human Services. 3-0-3.
Prerequisite: Approval of instructor and department chair.
This course provides selected topics of interest to faculty and students.

HS 4498 - Capstone Seminar in Human Services. 3-0-3.
Prerequisite: 90+ credit hours.
This course is the culmination of the human services program, integrating students' education and experiences. It is designed to provide students with the opportunity to synthesize and apply learning from their program of study in a comprehensive manner.

IDS: Interdisciplinary Studies

IDS 2290 - Special Topics. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099, if required.
This lower-division course includes special topics of an interdisciplinary nature offered on a rotating basis.

IDS 3100 - Interdisciplinary Research Methods. 3-0-3.
Prerequisite: ENGL 1102 and MATH 1107 (or equivalent math course depending on major).
Students learn about conducting research from an interdisciplinary perspective, with a focus on social science research strategies. The following topics are introduced: advantages and disadvantages of various research methods, designs of studies, methods of collecting and analyzing data, ethical issues involved in research, application of findings, and writing reports and proposals of an interdisciplinary nature. Students design a research project related to a topic of their choosing.

IDS 4400 - Directed Studies. 1-3.
Prerequisite: 3.0 GPA, approval by interdisciplinary studies advisor.
Course covers special topics and seminars of an advanced nature, external to regular course offerings that allow a student to work individually with an instructor. Course may include original research projects and/or practicum experiences.

IDS 4490 - Special Topics in IDS. 3-0-3.
Prerequisite: Approval of the instructor.
This upper-division course includes special topcis of an interdisciplinary nature offered on a rotating basis.

IDS 4498 - Senior Seminar in INTS. 3-0-3.
Prerequisite: 90+ credit hours.
This course is a degree requirement for all Interdisciplinary Studies majors. Students study various models of interdisciplinary studies and develop a comprehensive outline for an interdisciplinary research or applied learning project drawing on their disciplinary concentrations within the Interdisciplinary Studies degree. The emphasis is on students demonstrating the ability to integrate knowledge and perspectives from at least two disciplines.

INED: Inclusive Education

INED 3304 - Education of Exceptional Students. 3-0-3.
Prerequisite: Admission to Teacher Education.
Prepares candidates to work collaboratively with families and school personnel to have a positive impact on the educational, social and behavioral development of all students, including those with a full range of disabilities, in a diverse society. The course focuses on knowledge of legislative mandates for serving exceptional students, characteristics of exceptionality, best practice in facilitating teaching and learning, and accountability through assessment of outcomes. This course requires an observational experience in an assigned school placement. Verification of professional liability insurance is required prior to placement in the field experience. Fulfills Georgia HB 671 requirement.

INED 4000 - Service Learning in Special Education. 1-3.
Prerequisite: 60 hours and permission of instructor and department chair/program coordinator.
A community activity which links learning to life by connecting meaningful community service activities with academic learning, personal growth, and civic responsibility. Activity will be designed with the instructor and approved by the chair/program coordinator.

INED 4430 - Applied Linguistics and Adolescent Additional Language Literacy. 3-0-3.
Prerequisite: EDUC 2120 and EDRD 3320.
This course is an introduction to linguistic systems and their acquisition as they occur in the language development of English (ELs) and other limited English proficient learners. There is a strong focus on cognitive and social processes of language acquisition, including how functional, cultural, and critical literacies are constructed and promoted. Students will explore relationships among the four language domains, their connections to language proficiency levels and development of academic vocabulary.

INED 4490 - Special Topics in Inclusive Education. 1-6.
Prerequisite: Permission of the instructor and department chair.
Selected special topics of interest to faculty and students.

INS: Insurance

INS 4500 - Principles of Risk Management and Insurance. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours and permission of the Coles College of Business.
This course is an introduction to the identification of risks and their management. Topics will include fundamental life, health, retirement, property and liability exposures and their management through avoidance, control, retention or transfer. The characteristics of life, health, property and liability insuring devices are also covered.

IS: Information Systems

IS 2060 - Systems Analysis. 3-0-3.
Prerequisite: IS 2020 or departmental approval.
Software systems development including elicitation and specification of user requirements, graphical modeling of objects, data, and processes, and design of data structures, user interfaces, and system behaviors.

Notes: A team project is required.

IS 2200 - Information Systems and Communication. 3-0-3.
Prerequisite: ENGL 1101, MATH 1111 or higher.
This course will provide an overview of fundamentals of information systems technologies and their applicability to real world scenarios. Topics may vary as technology changes but the students will learn the tools of productivity. The course aims to improve communications skills appropriate to the business setting.

IS 3020 - Application Development I. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: IS 2200 and permission of Coles College.
This course will provide students with the knowledge and skills needed to develop applications in a development environment. It covers .NET and .NET 2.0 technologies. This is the first course in the .NET development platform. Students will learn how to develop applications using Microsoft Visual Studio .NET development environment.

IS 3040 - IT Infrastructure. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: IS 2200 and permission of Coles College.
This course provides foundation skills on information technology infrastructure. Topics include hardware; software; communications including LAN, WAN, and wireless network; transaction support; facilities for business continuity and security; infrastructure management best practices including ITIL and COBIT; service level agreements; and risk management including compliance, sourcing, disaster planning, auditing, controls, and standards.

IS 3060 - Systems Analysis and Design. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, IS 3020, and IS 3100; Non-business Majors: IS 3020, IS 3100, and permission of Coles College.
An introduction to the basic concepts underlying systems analysis and design, and the application of those techniques in the development of business information systems. The student will learn how to develop information systems based on user requirements and specifications. The course will expose the students to UML and other graphic modeling processes.

IS 3080 - Information Resource Management. 3-0-3.
Prerequisite: IS 2020 or department approval.
Information Resource Management (IRM) constantly strives to improve its commitment to incorporate new technologies to advance the organization. The focus of this course is on management of information systems resources, technologies and people. Covers strategic planning of information resources investments, operations, and support; management of human, technological, and financial resources; management of end-user computing; IS functional organization and the CIO; and organizing information resources for efficient and effective services.

IS 3100 - Information Systems Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: IS 2200 and permission of Coles College.
Illustrates how to effectively use, manage, and participate in the development of information technology applications that support common business processes. Focuses on the interdependence among an organization's management, business processes, and information systems. Provides hands-on experience in developing a business information system.

IS 3220 - Project Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: IS 2200 and permission of Coles College.
Introduction to the principles and application of project management techniques with an emphasis on the design and management of computer information systems projects. Topics include project planning, work team design, project estimation techniques, project reporting, identifying and controlling project risks, budgets, and quality assurance.

IS 3240 - XML Services. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, IS 3020, and IS 3260; Non-business Majors: IS 3020, IS 3260, and permission of Coles College.
This course provides students with the knowledge and skills that are required to develop XML based solutions to solve document sharing problems. The course focuses on using Microsoft Visual Studio .NET and Universal Description, Discovery, and Integration (UDDI) to enable students to build, deploy, locate, and consume extensible Markup Language (XML) Web services.

IS 3260 - Web Development I. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: IS 2200 and permission of Coles College.
This course presents introductions to many of the basic concepts, issues and techniques related to designing, developing and deploying Web sites. During the course, students will learn about Web design, HTML, XHTML, basic scripting, Dynamic HTML, Applets, and Cascading Style Sheets (CSS). Students will learn how to create sites both manually and through the use of Web site development software tool such as HomeSite, Dreamweaver, Flash, and Adobe Photoshop. Students will also learn how to develop interactive graphic and animation and will be introduced to the .NET developing environment.

IS 3280 - Data Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: IS 2200 and permission of Coles College.
This course introduces the student to the properties, logic, design, implementation, and access to business databases. Particular emphasis is placed on the relational approach to database management and processing, which focuses more on the logical nature of a database than its physical characteristics. Relational database programming assignments are drawn from the fields of business and government.

IS 3396 - Cooperative Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, approval of the coordinator of cooperative education/internships (KSU Career Services), and IS 3100; Non-business Majors: Not available to non-business majors.
A supervised credit-earning work experience for a minimum of two academic semesters with a previously approved business firm, private agency, or government agency. For sophomore, junior, or senior students who wish to obtain on-the-job experience in conjunction with their academic education.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

IS 3398 - Internship. 1-9.
Prerequisite: Business Majors: Sophomore GPA Requirement, approval of the coordinator of cooperative education/internships (KSU Career Services), and IS 3100; Non-business Majors: Not available to non-business majors.
A supervised credit-earning work experience for one academic semester with a previously approved business firm, private agency, or government agency. A research paper is required to receive credit. For junior and senior students who wish to participate in an on-the-job experience in which they may apply their academic education. The work experience may not be with a current employer. The course will be graded on an S/U basis. The number of credit hours applicable to degree requirements is limited.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

IS 3520 - Enterprise Systems. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3280; Non-business Majors: IS 3280 and permission of Coles College.
Modern information systems contain many vendor-supplied components that must be selected, integrated, tested, and installed. This course analyzes current practices in systems integration, including business intelligence, enterprise application integration (EAI), enterprise resource planning (ERP), and data integration. Further, this course addresses the skills required to develop system Requests for Proposals (RFPs), evaluation and management of contracts and contractors, testing methods, installation planning and outsourcing.

IS 3540 - Systems Design. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, IS 2060, IS 3020, IS 3280; Non-business Majors: IS 2060, IS 3020, IS 3280, and permission of Coles College.
In this course students will build an information system for a real-world organization, public or private. Using a team project concept, students will analyze, design, create, and implement a working information system for a class case or client. Emphasis will be placed on project management, rapid application development, and the development of quality systems for clients.

IS 3560 - Business Process Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3100; Non-business Majors: IS 3100 and permission of Coles College.
The course addresses the methods and techniques required to analyze, design, implement, automate, and evaluate business processes. It introduces key concepts, process design principles, and approaches to business process management. Students learn to analyze organizational performance from a process perspective and identify, document, model, assess, and improve core business processes. The challenges and approaches to organizational change, domestic and offshore outsourcing, and inter-organizational processes will be discussed.

IS 3580 - Data Warehouse and Business Intelligence. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3280; Non-business Majors: IS 3280 and permission of Coles College.
This course covers the fundamentals of data warehousing and business intelligence architecture and issues involved in planning, designing, building, and populating a successful data warehouse and business intelligence system. Topics covered in this course are business requirement analysis, dimensional modeling, physical design, extraction-transformation-load design and development, Analysis Service Online Analytical Processing database, data mining, and business intelligence applications.

IS 3720 - Advanced IT Project Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3220; Non-business Majors: IS 3220 and permission of Coles College.
This course will explore advanced concepts related to IT Project Management (PM) including project selection and integration of the knowledge areas of PMBOK. Topics necessary for excellence such as PM methodologies an program management will be emphasized. We will elaborate on case studies of companies that manage global IT portfolios and have benchmarked best practices. Students will work in groups on exercises using automated project management tools for scheduling, budgeting, and resource allocation.

IS 3740 - Human Computer Interaction. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, IS 3020, and IS 3260; Non-business Majors: IS 3020, IS 3260, and permission of Coles College.
A comprehensive introduction to the principles and techniques that impact human interaction with computers. Topics include the foundations of human-computer interaction, building a graphical user interface, human-centered software evaluation, human-centered software development, graphical user-interface design, graphical user-interface programming, HCI aspects of multimedia, and HCI aspects of collaboration and communication. Major research and the building of a working graphical user interface are included.

IS 3760 - Web Development II. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3260; Non-business Majors: IS 3260 and permission of Coles College.
The architectural model for computer-based application intense software systems centers around component development and deployment. This course will explore concepts

related to the development of dynamic component-based web systems including web page connectivity to database systems and the development and utilization of Web Services. Web services include the ability to integrate code written in different programming languages and the emerging platforms, architectures, and technologies (such as XML, SOAP, and WSDL) that have arisen to support the next generation of software systems. Specifically students in this course will have an opportunity to directly interact with an Integrated Development Environment (such as Microsoft's .NET) and will be required to develop and implement dynamic Web pages and Web services.

IS 3780 - Local Area Network. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3040; Non-business Majors: IS 3040 and permission of Coles College.
A presentation of Local Area Networks (LAN) including LAN hardware, LAN system software, LAN applications software, LAN installation, LAN administration. LAN administration topics include users, groups, security, printing, backup and recovery, and reactive and proactive management. Concepts studied in class will be implemented by the students.

IS 3920 - Application Development II. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3020; Non-business Majors: IS 3020 and permission of Coles College.
This development course provides an advanced development environment using information systems technologies and their applicability to real world application scenarios. Students will complete projects designed to explore internetworking applications and development using an application or web server, including design criteria and security issues. Students will use modern application and/or web development technology tools in various environments such as agile, mobile, and social and dynamic development.

IS 3950 - Global Technology Strategy. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: IS 2200 and permission of Coles College.
This case study course looks at organizational approaches to the integration of technology in multiple cultures. In this course, students look at the international pervasion of the high-tech mindset, from the perspectives of the business, social, financial markets, and personal life.

IS 4220 - Advanced Databases. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3280; Non-business Majors: IS 3280 and permission of Coles College.
Students will learn database development techniques including database, designer and developer. Databases are used to support decision making by detecting patterns, devising rules, identifying new decision alternatives and making predictions about the future. Students will learn how to build large databases using SQL to query the data, building forms and reports, managing Web-based applications, and create an integrated application.

IS 4400 - Directed Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and permission of instructor, major area committee, and Department Chair prior to registration. Up to three hours may be applied to major area; Non-business Majors: Permission of instructor, Department Chair, and Coles College prior to registration.
Special topics of an advanced nature that are not in the regular course offerings.

IS 4490 - Special Topics. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, C or better grade in specified courses (varies by topic), and permission of instructor and Department Chair prior to registration; Non-business Majors: C or better is specified courses (varies by topic), and permission of instructor, Department Chair, and Coles College prior to registration.
Selected special or current topics of interest to faculty and students.

IS 4540 - Data Mining. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3580; Non-business Majors: IS 3580 and permission of Coles College.
Data mining aims at finding useful regularities and patterns in large data sets. In this course students will learn how this interdisciplinary field brings together techniques from databases, statistics, machine learning, and information retrieval. This course covers major data mining techniques including association mining, classification, clustering, trend analysis, prediction, fraud detection, and their applications in e-commerce, CRM, health care

and others. Tools like SQL Server 2005 business intelligence toolkit will be used to create analytical applications.

IS 4550 - Technology Commercialization. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and 90 credit hours; Non-business Majors: 90 credit hours and permission of Coles College.
This is a course for junior and senior level science and mathematics majors who may want to be prepared to commercialize technology and start up a company. The course is designed to provide students with the perspective, tools and information necessary to evaluate the market potential of a technical idea, secure patent protection, obtain research, development funding, understand start-up issues, appreciate the value of a technology incubator, obtain venture capital, understand IPOs and grow a technology-based enterprise. The course is structured around a continuum of lectures, readings, case studies, guest speakers, presentations, and student projects. An integrative commercialization plan developed by student teams for a new company in the technology arena is an integral part of the course.

IS 4560 - e-Business Systems. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3260; Non-business Majors: IS 3260 and permission of Coles College.
Information systems that enable electronic transactions and communication have redefined the ways that firms compete, interact with value chain partners, and relate to customers. In the near future, all business will be e-business, and every organization will be required to effectively implement e-business solutions. This course explores enterprise e-business applications and the issues organizations encounter as they leverage Internet technologies to enhance communication and transactions with stakeholders.

IS 4580 - Business Intelligence and Data Mining. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3100; Non-business Majors: IS 3100 and permission of the Coles College of Business.
This course will focus in mining this vast amount of data in order to learn the embedded business intelligence and apply that intelligence to run a business in a more efficient and effective manner. This course introduces business students to the various techniques of business intelligence and data mining so that they can identify problems and opportunities in their companies and apply these techniques. Students learn how to draw inferences from the data by learning how to ask the right questions and using the appropriate data mining tools. The emphasis is on understanding the application of data mining techniques to specific business intelligence situations, rather than the theoretical underpinning of the techniques.

IS 4860 - Global Information Systems Strategy. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and IS 3100; Non-business Majors: IS 3100 and permission of Coles College.
This course will discuss contemporary global IT issues with respect to the role of information systems in providing organizational competitive advantage. Strategic IT planning and the evaluation process to ensure proper alignment of technology to business goals are also explained.

IS 4880 - IS Capstone Course. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, IS 3060, IS 3220, and IS 3260; Non-business Majors: IS 3060, IS 3220, and IS 3260 and permission of Coles College.
This course is one of the capstone courses in the IS curriculum. In this course the students will apply the concepts learned in earlier courses to develop Information Systems projects. Tools such as VB.Net 2008 will be used to develop the project and Microsoft Project will be used to develop and track project schedule.

ISA: Information Security and Assurance

ISA 3010 - Security Script Programming. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: Permission of Coles College.
This course provides a study of secure programming and security scripting techniques. The course examines aspects of developing traditional computer software, applying additional controls and measures to prevent the development of vulnerable and exploit-

able code. The course then examines scripting techniques used in support of ongoing technical security functions.

ISA 3100 - Principles of Information Security. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: Permission of Coles College.
An introduction to the various technical and administrative aspects of Information Security and Assurance. This course provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features.

ISA 3200 - Network Security. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3100; Non-business Majors: A grade of "C" or better in ISA 3100 and permission of Coles College.
This course provides a detailed examination of tools, techniques, and technologies used in the protection of information assets. This course is designed to provide a solid foundation in data communications and networking fundamentals and the security of networks and networking technologies.

ISA 3210 - Client Systems Security. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: Permission of Coles College.
This course is an exploration of client computer system security and vulnerabilities, including client computer architectures, and operating systems. It provides the detailed technical coverage necessary to protect computer information system clients by presenting the knowledge of client platform computer hardware components, client network devices and interfaces, as well as the structure and usage of common client operating system software from an information security perspective. Additional learning regarding ongoing maintenance and operational issues of client computing systems will also be included.

ISA 3300 - Management of Information Security in a Global Environment. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3100; Non-business Majors: A grade of "C" or better in ISA 3100 and permission of Coles College.
This course provides a detailed examination of the administration of the information security function beginning with the strategic planning process and including an examination of the policies, procedures, and staffing functions necessary to organize and administrate ongoing security functions in the organization. Subjects include security practices, security architecture security in light of international regulation, competition, and operating environments is emphasized througout the course.

ISA 3396 - Cooperative Study in Information Security and Assurance. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or better in ISA 3100, and approval of the coordinator of cooperative education (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised work experience for a minimum of two semesters at a site in business, industry, or government, focusing on some aspect of information security and assurance. For junior- or senior-level students who wish to obtain on-the-job experience in Information Security and Assurance, in conjunction with their academic training. Students may take a cooperative study for multiple semesters, however only six credit hours are applicable toward the BBA in Information Security and Assurance as Business Electives. Contact the department office for additional information on the requirements and restrictions of the cooperative study.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

ISA 3398 - Internships in Information Security and Assurance. 1-6.
Prerequisite: Business Majors: Sophomore GPA Requirement, a grade of "C" or better in ISA 3100, and approval of the coordinator of cooperative education (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised work experience for one semester at a site in business, industry or government, focusing on some aspect of information security and assurance. For sophomore-, junior-, or senior-level students who wish to obtain on-the-job training experience in Information Security and Assurance, in conjunction with their academic training. Students can earn between one and six credit hours toward their degree programs subject to the programs' restrictions. Contact the department office for additional information on the requirements and restrictions for the internship.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

ISA 4200 - Perimeter Defense. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3200; Non-business Majors: A grade of "C" or better in ISA 3200 and permission of Coles College.
A detailed examination of the techniques, tools, and technologies used to support the protection of an organization's electronic perimeter. The course will examine the evaluation, selection, deployment, and administration of firewall, virtual private network, intrusion detection and prevention systems, and other applications used to guard organizational information from external attacks.

ISA 4220 - Server Systems Security. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3010 and ISA 3200; Non-business Majors: A grade of "C" or better in ISA 3010 and ISA 3200 and permission of Coles College.
This course is an exploration of server computer system security and vulnerabilities, including server computer architectures, and operating systems. It provides the detailed technical coverage necessary to protect computer information system servers by presenting the knowledge of server platform computer hardware components, server network devices and interfaces, as well as the structure and usage of common server operating system software from an information security perspective. Additional learning regarding ongoing maintenance and operational issues of server computing systems will also be included.

ISA 4330 - Incident Response and Contingency Planning. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3300; Non-business Majors: A grade of "C" or better in ISA 3300 and permission of Coles College.
An examination of the detailed aspects of incident response and contingency planning consisting of incident response planning, disaster recovery planning, and business continuity planning. Developing and executing plans to deal with incidents in the organization is a critical function in information security. This course focuses on the planning processes for all three areas of contingency planning incident response, disaster recovery, and business continuity, and the execution of response to human and non-human incidents in compliance with these policies.

ISA 4350 - Management of Digital Forensics and eDiscovery. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3200 and ISA 3210; Non-business Majors: A grade of "C" or better in ISA 3200 and ISA 3210 and permission of Coles College.
This course focuses on the detection, isolation and response to security breaches and attacks. It provides a detailed examination of the entire computer forensic process and presents specific procedures required to respond to a computer crime incident. Subjects include recognizing unauthorized access, identifying file anomalies, and traffic monitoring.

ISA 4400 - Directed Study in Information Security and Assurance. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of instructor, major area committee, and Department Chair prior to registration; Non-business Majors: Approval of instructor, Department Chair, and Coles College prior to registration.
Selected topics of advanced nature that are not in the regular course offerings.

ISA 4490 - Special Topics in Information Security and Assurance. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and specific other prerequisites which vary by topic; Non-business Majors: Specific prerequisites which vary by topic and permission of Coles College.
Selected special or current topics of interest to faculty and students.

ISA 4700 - Emerging Issues in Information Security. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3300; Non-business Majors: A grade of "C" or better in ISA 3300 and permission of Coles College.
This course explores emerging issues in information security and assurance, and the role of organizational information security in state, regional and national policy. It provides content about the interaction between the organization, society, and public agencies. It examines the role of people versus technical security ideals currently debated by contemporary organizations.

ISA 4710 - International Issues in Information Security and Assurance. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3300; Non-business Majors: A grade of "C" or better in ISA 3300 and permission of Coles College.
This course explores emerging international issues in information security and assurance. It provides content about the interaction between the organization, society, and public agencies across national boundaries. It examines the role of people versus technical security as currently debated by contemporary organizations from multiple cultures and nations. Each semester, the specifics of this course will be developed to leverage the current international information security landscape and the context of the scheduled course offering.

ISA 4805 - Penetration Testing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3210, ISA 4200, and ISA 4220; Non-business Majors: A grade of "C" or better in ISA 3210, ISA 4200, and ISA 4220 and permission of Coles College.
A detailed examination of real world information security knowledge, enabling recognition of vulnerabilities, exploitation of system weaknesses, and safeguards against threats. Through hands-on exercises and a final project students will learn the art of penetration testing. Students who complete this course will be equipped with the knowledge necessary to analyze and evaluate systems security.

ISA 4810 - Cyber Defense. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 3210, ISA 4200, and ISA 4220; Non-business Majors: A grade of "C" or better in ISA 3210, ISA 4200, and ISA 4220 and permission of Coles College.
This course discusses the hardware/software tools and techniques associated with the protection of computer systems and networks. Students learn how to protect network resources as deployed in a typical organization. Course topics include policy and practice associated with the protection of communication resources, intrusion detection systems, firewalls, and use of various tools for system and network protection.

ISA 4820 - Information Security and Assurance Programs and Strategies. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and a grade of "C" or better in ISA 4330; Non-business Majors: A grade of "C" or better in ISA 4330 and permission of Coles College.
The course integrates learning from all managerial ISA courses and encourages the student to develop skills in synthesis and communication (both written and oral) as well as teaching new material about the role of the CISO and the strategic and tactical planning and operation of the information security department in a variety of organizations. A research paper will be prepared and presented in the course. Outside speakers will supplement the course and provide the student additional, outside perspective on the information security industry.

ISCI: Integrated Science

ISCI 2001 - Life and Earth Science. 2-2-3.
Prerequisite: C or better in SCI 1102.
Life and Earth Science Concepts defines science, examines how science is done, and develops an understanding of fundamental concepts in biology, geology, and meteorology. Laboratories will emphasize experimental design and data analysis. Course is primarily for early grades and middle education majors, and cannot be used for credit towards a degree in Biology programs.

Notes: Not acceptable for use as General Education requirement.

ISCI 2002 - Physical Science. 2-2-3.
Prerequisite: C or better in SCI 1102 or equivalent.
Physical Science defines science, examines how science is done, and develops an understanding of fundamental concepts in astronomy, chemistry and physics. Laboratory experiences will emphasize experimental design, data analysis, and inquiry methods. Course is intended for early grades education majors. Cannot be used for credit towards a degree in Biology programs.

Notes: Not acceptable for use as General Education requirement.

IT: Information Technology

IT 2101 - Computers and Your World. 3-0-3.
Prerequisite: ENGL 0099, READ 0099, if required.
Students explore how computers and the Internet have revolutionized society, and become well-rounded, informed and curious users of computing technologies. This course is comprised of three modules: 1) hardware and operating systems, 2) spreadsheet, presentation, and database software, and 3) networks, the Internet, and information literacy. Other topics explored include security, privacy, globalization, Web 2.0, diversity, and ethics.

ITAL: Italian

ITAL 1001 - Introduction to Italian Language and Culture I. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099 if required.
Introduction to Italian language and culture stressing progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of Italian culture.

Notes: Not open to native speakers of Italian .

ITAL 1002 - Introduction to Italian Language and Culture II. 3-0-3.
Prerequisite: ITAL 1001 or permission of instructor.
Introduction to Italian language and culture, part II, stressing continued, progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of Italian culture.

Notes: Not open to native speakers of Italian.

ITAL 2001 - Intermediate Italian Language and Culture I. 3-0-3.
Prerequisite: ITAL 1002, or permission of instructor.
The student will continue to develop proficiency in listening, speaking, reading, and writing, and learn to communicate in culturally appropriate ways.

Notes: Not open to native speakers of Italian.

ITAL 2002 - Intermediate Italian Language and Culture II. 3-0-3.
Prerequisite: ITAL 2001 or permission of instructor.
Students continue to increase linguistic and cultural proficiency through the use of a variety of materials and activities. Course will serve as a transition between intermediate and upper-level courses in the language.

Notes: Not open to native speakers of Italian .

ITAL 3200 - Critical Reading and Applied Writing. 3-0-3.
Prerequisite: ITAL 2001 or the equivalent.
This course emphasizes skill development and refinement in the areas of critical reading and writing in Italian. Designed to give students extensive experience in reading and writing in Italian, the course focuses on the relationship between writing and reading, and on ways to improve one through the other.

ITAL 3302 - Practical Conversation. 3-0-3.
Prerequisite: ITAL 2002 or permission of instructor.
Stresses expansion of effective listening comprehension and speaking skills through culturally and linguistically appropriate activities.

ITAL 3303 - Grammar and Composition. 3-0-3.
Prerequisite: ITAL 2002 or permission of instructor.
General review of grammar through composition and other written activities, such as summaries, correspondence, descriptions, narration, literary analysis, and other rhetorical and culturally appropriate forms.

ITAL 3304 - Literature and Culture I. 3-0-3.
Prerequisite: ITAL 3200 or permission of the instructor.
This course is an introduction to Italian literature and culture from the origins to 1848. Students learn about literary and artistic movements as well as cultural issues. Students also work across the curriculum, focusing on interdisciplinary issues within the Italian literary context and developing their competence in critical analysis of Italian cultural and literary issues from a global perspective. Readings and discussions are in Italian.

ITAL 3305 - Literature and Culture II. 3-0-3.
Prerequisite: ITAL 2002 or permission of instructor.
Introduction to Italian literature and culture from 1848 to the present. Students examine literary and artistic movements as well as cultural issues. Students also work across the curriculum, focusing on interdisciplinary issues and developing their competence in critical analysis of Italian cultural and literary issues from a global perspective. Readings and discussions are in Italian.

ITAL 3398 - Internship. 1-9.
Prerequisite: ITAL 3302 and ITAL 3303 or permission of instructor.
Supervised, credit-earning work experience of one semester requiring use of Italian in the work place. Prior approval by department coordinator and internship supervisor is required.

ITAL 4402 - Contemporary Culture. 3-0-3.
Prerequisite: ITAL 3303 and ITAL 3306 or permission of instructor.
An examination of the historical, social and political contexts of the contemporary Italian experience through the analysis of different cultural representations such as film, media, plastic arts, music and literature.

Notes: Readings and discussion in Italian.

ITAL 4434 - Topics in Language Literature and Culture. 3-0-3.
Prerequisite: ITAL 3303 and ITAL 3306 or permission of instructor.
An exploration of a period, movement or genre in literature, a topic in culture, or language-related issues. Topics are chosen for their significance and impact on Italian culture.

Notes: Readings and discussions in Italian.

ITAL 4456 - Advanced Grammar and Linguistics. 3-0-3.
Prerequisite: ITAL 3303 or permission of the instructor.
This course is an advanced study of grammar from a linguistic perspective. It provides an overview of phonetics, phonology, morphology, and syntax. The course exposes students to dialectical variations of the Italian language and stresses development of oral proficiency. The course is taught in Italian.

ITAL 4490 - Special Topics in Italian. 3-0-3.
Prerequisite: ITAL 3302 and ITAL 3303 or permission of instructor.
Special topics relevant to the study of the Italian society.

ITEC: Instructional Technology

ITEC 3100 - Improving Learning with Technology in Elementary Classrooms. 3-0-3.
Prerequisite: Admission to Teacher Education.
Teacher candidates learn to use technologies to promote student achievement in elementary content area and technology literacy standards. Special topics include using technology to improve students' English language learning, to assess student learning, and to differentiate instruction. Candidates also learn to manage their digital activities in ways appropriate for a professional educator; advocate for students without beyond-school access; and teach K-12 students how to use technology safely, ethically, and legally.

ITEC 3200 - Improving Learning with Technology in Middle Grade Classrooms. 3-1-3.
Prerequisite: Admission to Teacher Education.
Teacher candidates learn to use technologies to promote student achievement in middle school content area and technology literacy standards. Special topics include using technology to improve students' English language learning, to assess student learning, and to differentiate instruction. Candidates also learn to manage their digital activities in ways appropriate for a professional educator; advocate for students without beyond-school access; and teach K-12 students how to use technology safely, ethically, and legally. Twenty field experience hours are required.

ITEC 3300 - Improving Learning with Technology in High School Classrooms. 3-3-3.
Prerequisite: Admission to Teacher Education.
Teacher candidates learn to use technologies to promote student achievement in high school content area and technology literacy standards. Special topics include using technology to improve students' English language learning, to assess student learning, and to differentiate instruction. Candidates also learn to manage their digital activities in ways appropriate for a professional educator; advocate for students without beyond-school access; and teach K-12 students how to use technology safely, ethically, and legally. Forty-five field experience hours are required.

JPN: Japanese

JPN 1001 - Introduction to Japanese Language and Culture I. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099 if required.
Introduction to Japanese language and culture stressing progressive acquisition of effective communications skills in both the written and spoken language and an understanding of the practices and products of Japanese culture.

Notes: Not open to native speakers of Japanese.

JPN 1002 - Introduction to Japanese Language and Culture II. 3-0-3.
Prerequisite: One year of high school Japanese, or JPN 1001, or the equivalent.
Introduction to Japanese language and culture, part II, stressing continued, progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of Japanese culture.

Notes: Not open to native speakers of Japanese.

JPN 2001 - Intermediate Japanese Language and Culture I. 3-0-3.
Prerequisite: Two years of high school Japanese, or JPN 1002 or the equivalent.
The student will continue to develop proficiency in listening, speaking, reading, and writing, and learn to communicate in culturally appropriate ways.

Notes: Not open to native speakers of Japanese.

JPN 2002 - Intermediate Japanese Language and Culture II. 3-0-3.
Prerequisite: Three years of high school Japanese or JPN 2001 or the equivalent.
Students continue to increase linguistic and cultural proficiency through the use of a variety of materials and activities.

Notes: Not open to native speakers of Japanese.

KSU: KSU Seminars

KSU 1101 - First-Year Seminar. 3-0-3.
Prerequisite: Students with 30 or more credit hours are not eligible to enroll.
KSU 1101 is a first-year seminar designed to develop college-level skills for academic success by focusing on life skills, strategies for academic success, connecting with campus and community, and foundations for global learning. This course guides student through the transition from high school to higher education.

KSU 1121 - Be the Change. 3-0-3.
Prerequisite: Students with 30 or more credit hours are not eligible to enroll.
In this course, students work to make a difference in the world through research- and skills-based community-based learning projects. Students investigate a world problem, find supporting evidence of the problem's scope, and offer solutions that culminate in a final project where academic and life skills relevant to multiple disciplines and careers are applied. This course satisfies the first-year curriculum requirement by meeting the four learning outcomes of the first-year seminars.

KSU 1200 - First-Year Seminar: Leadership. 3-0-3.
Prerequisite: Students with 30 or more credit hours are not eligible to enroll.
This course enhances first-year students' leadership skills and cultivates their knowledge of leadership theory and application. Through experiential learning projects, students practice leadership on campus and in the community while developing life skills, their connections with the university, academic success strategies, and global perspectives. This course satisfies the first-year curriculum requirement by meeting the four learning outcomes of the first-year seminars.

KSU 2290 - Special Topics. 1-3.
Prerequisite: Varies as to topic.
Selected special topics relevant to the mission of University College.

KSU 4401 - Senior Seminar. 3-0-3.
Prerequisite: 90 credit hours earned and above.
This institutional capstone course provides a structure for seniors to bring closure to their undergraduate experience while preparing for the transition from the university to the community at large. Within a structured learning community from a variety of disciplines, students will access the meaning of their undergraduate experience and develop an understanding of their role as alumni and productive citizens of the work force, community, state, nation, and the world. Through the preparation of a reflective portfolio, involvement in a service-learning project, and a critical discussion of their short and long term logistical goals, the students will prepare for the post-university experience.

LATIN: Latin

LATN 1001 - Introduction to Latin Language and Culture I. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099 if required.
Introduction to Latin stressing progressive acquisition of grammar, composition, prose translation and pronunciation.

LATN 1002 - Introduction to Latin Language and Culture II. 3-0-3.
Prerequisite: One year of high school Latin or LATN 1001 or the equivalent.
Introduction to Latin, part II, stressing continued progressive acquisition of grammar, composition, prose translation and pronunciation.

LATN 2001 - Intermediate Latin Language and Culture I. 3-0-3.
Prerequisite: Two years of high school Latin or LATN 1002 or the equivalent.
Review of Latin grammar and syntax. Prose translations from selected prose authors such as Livy, Caesar, Tacitus, and Sallust.

LATN 2002 - Intermediate Latin Language and Culture II. 3-0-3.
Prerequisite: Three years of high school Latin or LATN 2001 or the equivalent.
Continued refinement of grammar and reading skills through the study of prose and poetry from the Golden Age of Latin Literature.

LATN 4490 - Special Topics in Latin. 3-0-3.
Prerequisite: Latin 2002 or permission of instructor.
Selected topics of special interest to faculty and students.

LDRS: Leadership Studies

LDRS 3000 - Foundations of Leadership. 3-0-3.
Prerequisite: ENGL 1102.
History, theories and models of leadership are examined from an interdisciplinary perspective. Students begin to develop their own leadership identity and consider how their personality and leadership style affects group process. Other factors that affect leadership such as gender and culture are also explored. Interviews with and observations of leaders from a variety of disciplines help students better understand the ethical and practical applications of leadership.

LDRS 3200 - Leadership in a Global Society. 3-0-3.
Prerequisite: ENG 1102.
Leadership is examined through an interdisciplinary, global lens. Students learn how cultural context affects leadership style, conflict negotiation, and ethical decision making; examine how leaders might impact culture; and develop their own multicultural awareness and competencies. Contemporary cases of how leadership varies depending on the cultural context in which one is leading are researched. Key geographical regions of the world will be analyzed from a leadership perspective, and an individual cultural experience highlighting the intersection of leadership and culture also occurs.

LDRS 3400 - Service As Leadership. 3-0-3.
Prerequisite: ENGL 1102.
Based on the Social Change and Servant Leadership models, students explore the connections between service and leadership. This course examines the differences between civic engagement, civic responsibility and social activism. Students participate in engagement projects within the community, attend social activism functions and develop and present projects geared toward social change. Students leave this course with an understanding of how servant leaders can impact their community.

LDRS 3600 - Ethics in Leadership. 3-0-3.
Prerequisite: ENGL 1102.
This course examines leader's behaviors through an ethical lens and delves into the moral decision making process and the role of ethics in leadership. Based on analysis of case studies of current and historical vents, students gain an understanding of ethical leadership decision making while touching on the theories of ethics and their application. Students can expect to focus on the importance of understanding ethics in a global environment.

LDRS 3800 - Leading in Groups. 3-0-3.
Prerequisite: ENGL 1102.
This course is designed to develop the student's knowledge of group processes, group development, and the influential role of leadership within each area. Students will come to understand leadership from an interdisciplinary, organizational perspective and apply this understanding in practical applications throughout the semester.

LDRS 4400 - Directed Study. 3-0-3.
Prerequisite: LDRS 3000, 3.0 GPA, approval of advisor, instructor, and department chair.
This course covers special topics and seminars of an advanced nature, external to regular course offerings that allow a student to work individually with an instructor. An LDRS Directed Study may include original research projects and/or practicum experiences that allow the student to gain in-depth exposure to the topic of leadership.

LDRS 4490 - Special Topics in Leadership Studies. 3-0-3.
Prerequisite: Approval of the instructor and department chair.
This course is a study of selected special topics of interest to faculty and students. Course may be repeated with a change in content.

MAED: Mathematics Education

MAED 3475 - Historical and Modern Approaches to Mathematics. 3-0-3.
Prerequisite: Admission to Teacher Education.
Students will investigate classical and modern mathematics through problem-solving and mathematics-specific technologies. Students will have opportunities to connect course content with the middle and secondary school curriculum.

MAED 4000 - Service Learning in Mathematics Education. 1-3.
Prerequisite: 60 hours and permission of instructor and department chair/program director.
A community activity which links learning to life by connecting meaningful community service activities with academic learning, personal growth, and civic responsibility. Activity will be designed with the instructor and approved by the chair/program director.

MAED 4400 - Directed Study in Mathematics Education. 1-5.
Prerequisite: Approval of instructor and department chair.
A concentrated investigation of a particular aspect of a topic within mathematics education. The content of the directed study will be determined jointly by the instructor and the student.

MAED 4416 - Teaching of Mathematics (6-12). 6-0-6.
Prerequisite: EDUC 2130, MATH 3495, MAED 3475 and admission to Teacher Education.
An examination and application of curricular issues, learning theories, teaching strategies, instructional materials, and assessment procedures for teaching secondary school mathematics in the multicultural and diverse classroom of today. Includes a secondary school field experience in mathematics teaching and seminars. Emphasizes those practices suggested by research in mathematics education and encouraged by the NCTM and the MAA. Proof of professional liability insurance is required prior to placement in a school.

MAED 4417 - Teaching of Mathematics (6-12) Practicum. 0-9-3.
Prerequisite: Admission to MAED 4416.
Secondary school field experience in mathematics teaching with concurrent seminars. Proof of professional liability insurance is required prior to school placement. Repeatable.

MAED 4475 - Student Teaching: Mathematics. 12.
Prerequisite: Admission to Student Teaching.
Full-time teaching experience in mathematics under the supervision of a public school cooperating teacher and a specialist in mathematics education. Includes a regularly scheduled seminar. Proof of professional liability insurance is required prior to placement in a school.

MAED 4490 - Special Topics in Mathematics Education. 1-6.
Prerequisite: Approval of the instructor and department chair.
Selected topics of interest to faculty and students.

MAED 4498 - Internship in Teaching Mathematics (6-12). 12.
Prerequisite: Provisional teaching license issued by the state of Georgia; full-time employment teaching mathematics.
Student Teaching experience in mathematics for provisionally certified teachers. Supervision will be in collaboration with a mentor or teacher in the local school and a specialist in mathematics education.

Notes: Successful completion of one semester of MAED 4495 at the same school will substitute for MAED 4475. Proof of professional liability insurance is required. Student must be employed in a secondary school to qualify. Repeatable.

MATH: Mathematics

MATH 0097 - Elementary Algebra. 3-0-0.
Prerequisite: Placement by COMPASS Examination, by the Admissions Office or by the Department of Learning Support Programs.
A Learning Support Programs course that, in conjunction with MATH 0098, prepares students for basic credit courses. Emphasizes basic concepts and skills of elementary algebra.

MATH 0098 - Intermediate Algebra. 3-0-0.
Prerequisite: Placement by COMPASS Examination, by the Admissions Office or by the Department of Learning Support Programs.
A Learning Support Programs course which prepares students for basic credit mathematics courses. Emphasizes basic concepts and skills of intermediate algebra.

MATH 0099 - Elementary and Intermediate Algebra. 6-0-0.
Prerequisite: Two units of high school algebra or permission of instructor.
A Learning Support Programs course that prepares students for basic credit mathematics courses, covering both elementary and intermediate algebra in one semester. Topics include: signed numbers, equations and inequalities, graphs of linear equations, systems of equations, polynomials and factoring, rational expressions, radicals and quadratic equations.

MATH 1101 - Introduction to Mathematical Modeling. 3-0-3.
Prerequisite: MATH 0098 if required.
This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results.

MATH 1106 - Elementary Applied Calculus. 3-0-3.
Prerequisite: MATH 1111, MATH 1112 or MATH 1113.
Uses techniques of college algebra and elementary calculus to analyze and model real world phenomena. The emphasis will be on applications using an intuitive approach to the mathematics rather than formal development. Topics include graphs, derivatives, and integrals of functions. The course incorporates collaborative learning, oral and written reports, and technology.

MATH 1107 - Elementary Statistics. 3-0-3.
Prerequisite: MATH 1101, MATH 1111, MATH 1112 or MATH 1113.
Emphasizes techniques and applications rather than derivation. Topics include methods of summarizing data, probability, statistical inference and regression. The course incorporates collaborative learning, oral and written reports and technology.

MATH 1111 - College Algebra. 3-0-3.
Prerequisite: MATH 0098 if required.
This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of functions and their graphs, inequalities, and linear, quadratic, piece-wise defined, rational, polynomial, exponential, and logarithmic functions.

Notes: Appropriate applications will be included.

MATH 1112 - College Trigonometry. 3-0-3.
Prerequisite: MATH 0098, if required.
This course is a functional approach to trigonometry that incorporates the use of appropriate technology. Emphasis will be placed on the study of trigonometric functions and their graphs incorporating a unit circle approach as well as special triangles and angles. Topics in-

clude circular functions, solutions of triangles, trigonometric identities and equations, graphs of trigonometric functions, Law of Sines, Law of Cosines, and vectors.

Notes: Appropriate applications will be included.

MATH 1113 - Precalculus. 3-0-3.
Prerequisite: MATH 0098 if required.
Provides students with the foundation in elementary functions and understanding of mathematics needed to succeed in subsequent mathematics and science courses, especially calculus. Topics include polynomial, rational, exponential, logarithmic, and trigonometric functions. In each case, properties, graphs, and applications will be presented. Technology, in the form of graphing calculators and/or computers, will be integrated throughout the course for instruction and study. Required for math/science majors.

MATH 1190 - Calculus I. 4-0-4.
Prerequisite: C or better grade in MATH 1112 or MATH 1113.
A first course in calculus and analytic geometry. Topics include fundamental concepts of limits, continuity, derivatives, and integrals of functions of one variable. Incorporates applications from a variety of disciplines. Modern computing technology will be used where necessary and appropriate.

MATH 2008 - Foundations of Numbers and Operations. 3-0-3.
Prerequisite: MATH 1107.
This course is an Area F introductory mathematics course for early childhood education majors. The course emphasizes the understanding and use of the major concepts of number and operations. As a general theme, strategies of problem solving are used and discussed in the context of various topics.

MATH 2202 - Calculus II. 4-0-4.
Prerequisite: C or better grade in MATH 1190.
The main topics of this course will be integral calculus and infinite sequences and series. Emphasis will be placed on applications of the integral, techniques of integration, and Taylor Series. In addition to analytical methods, computing will be used to conduct numerical studies of integrals and series.

MATH 2203 - Calculus III. 4-0-4.
Prerequisite: C or better grade in MATH 2202.
In this course, the concepts of single variable calculus are extended to functions of more than one variable. Topics will include vector calculus, partial derivatives, multiple integrals, and applications of these concepts.

MATH 2590 - Mathematics for Teachers of Middle Grades. 3-0-3.
Prerequisite: 6 hours of mathematics.
The development of the student's ability to communicate mathematically through reading, writing and discussing ideas will be strongly emphasized along with the cultural, historical, and scientific applications of mathematics. Topics will include the development of the set of real numbers, number theory, geometric figures in the plane and in space, and measurement, including area and volume. Mathematical ideas will be developed in a lab setting using technology and physical models to motivate and assist the more formal development. Not for mathematics majors.

MATH 2595 - Mathematics for Middle Grades and Secondary Teachers. 3-0-3.
Prerequisite: 6 hours of mathematics.
Designed for the preservice teacher of mathematics for adolescents. Content strands to be explored include number and operation, algebra, and measurement. The process standards of communication, connections, problem solving, reasoning and proof, and representation will be emphasized. Appropriate use of manipulatives, calculators and software will be integrated in course materials.

MATH 3000 - Software of Mathematics. 3-0-3.
Prerequisite: C or better grade in MATH 1190.
This is a gateway course for the Minor of Applied Mathematics taught by at least two instructors with different expertise per semester. The professional software to be taught includes SWP (Scientific Work Place), MATLAB, MATHCAD, MAPLE, and MATHEMATICA.

MATH 3260 - Linear Algebra I. 3-0-3.
Prerequisite: C or better grade in MATH 1190.
An introduction to linear algebra and some of its classical and modern applications. Among topics to be included will be systems of linear equations, vector spaces, linear transforma-

tions, and diagonalization. Significant use of technology will be employed in performing matrix computations.

MATH 3261 - Numerical Methods I. 3-0-3.
Prerequisite: C or better grade in MATH 3260 and CS 2301.
Numerical methods for the solution of linear systems will be introduced. Topics will include iterative methods and convergence.

Notes: Extensive computer use will be incorporated.

MATH 3272 - Introduction to Linear Programming. 3-0-3.
Prerequisite: C or better grade in MATH 3260.
The simplex method, dual simplex method, dual-primal two phase method, and several interior-point methods for linear programming problems will be introduced.

Notes: Selected applications will be discussed.

MATH 3310 - Differential Equations. 3-0-3.
Prerequisite: C or better grade in MATH 2202.
An introduction to the modeling of continuous phenomena using ordinary differential equations. Emphasis will be placed on the combined use of qualitative, numerical, and analytical approaches to the analysis of models. Technology will be used for numerical and graphical analysis. Among topics included will be formulation of models, local stability analysis, phase lines and phase planes, and Euler's numerical algorithms.

MATH 3316 - Rational Numbers and Proportional Reasoning for Elementary Teachers. 3-0-3.
Prerequisite: MATH 1107 and MATH 2008.
A continuation of Mathematics 2008 designed for the P-5 teacher. Topics include the conceptual development of the rational numbers and extension to the real numbers, operations and problem solving with real numbers, patterns and relationships, and proportional reasoning. Experience and exploration with appropriate technology and physical models will be an integral part of the study of these ideas. Not for mathematics or mathematics education majors.

Notes: Not for math or math education majors.

MATH 3317 - Geometry and Measurement for Elementary Teachers. 3-0-3.
Prerequisite: MATH 3316. Admission to teacher education.
A continuation of Mathematics 3316 designed for the P-5 teacher. Topics will emphasize the critical content and conceptual development of measurement; transformational geometry; symmetry in the plane; and constructions. Geometric concepts will be explored and developed using physical models, visual models and educational software. Not for math or math education majors.

MATH 3318 - Algebra for Elementary Teachers. 3-0-3.
Prerequisite: A grade of "C" or better in MATH 3317 and admission to Teacher Education.
A continuation of Mathematics 3317 designed for preparing the P-5 teacher. Topics will emphasize understanding and use of the major concepts and techniques of algebra for grades P-5, including expressing, transforming, and generalizing patterns and quantitative relationships through a variety of representations, including tables, graphs, algebraic symbols, verbal descriptions, manipulatives, and geometric figures. Solving problems using multiple strategies, manipulatives, and technological tools will also be a focus. Not for mathematics or mathematics education majors.

MATH 3322 - Discrete Modeling I. 3-0-3.
Prerequisite: C or better grade in MATH 1112 or MATH 1113 or MATH 2590.
An elementary introduction to topics and methods in discrete mathematics motivated by a series of real-world problems. Topics include matrices, graphs, counting and recursion.

MATH 3323 - Computer Applications of Discrete Modeling. 1-0-1.
Prerequisite: MATH 3322 and CS 3401.
This course will give students the opportunity to apply the theoretical work of Discrete Modeling I to concrete problems. The computer will be used to support working with large examples. Examples will cover combinatorics, discrete functions, and graph theory.

MATH 3332 - Probability and Statistical Inference. 3-0-3.
Prerequisite: C or better in MATH 1190.
This course is designed to introduce the student to probability and both descriptive and inferential statistics. Topics include: random variables and probability distributions,

expectation and variance of random variables, properties of estimators, exploratory data techniques, confidence intervals, hypothesis tests for population mean and proportion, Statistical Process Control, chi-square goodness of fit test, and contingency table analysis. The MINITAB statistical software package is used.

Notes: The MINITAB statistical software package is used.

MATH 3390 - Introduction to Mathematical Systems. 3-0-3.
Prerequisite: C or better grade in MATH 1190.
Introduction to Mathematical Systems is a course specifically designed to introduce students to the study of mathematics from a mathematical systems approach. A mathematical system consisting of undefined terms, axioms and theorems will be studied. The major emphasis of this class will be on the development of skills in communicating and justifying mathematical ideas and conclusions. Mathematical systems studied will vary according to the instructor and may be chosen from sets, number systems and/or geometry.

MATH 3395 - Geometry. 3-0-3.
Prerequisite: C or better grade in MATH 3390.
This course develops geometry as an axiomatic mathematical system and approaches it from synthetic, transformational, and algebraic perspectives, including higher dimensions. Various geometries are studied including finite, infinite, projective, Euclidean and Non-Euclidean. Includes a research project on a topic which would be appropriate for any entry-level school geometry student.

MATH 3396 - Cooperative Study. 1-3.
Prerequisite: Approval of coordinator of cooperative education/internship.
A supervised work experience program for a minimum of two academic semesters at a site in business, industry or government. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

MATH 3398 - Internship. 1-9.
Prerequisite: Approval of major area committee and department chair.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency, or government agency.

MATH 3495 - Advanced Perspectives on School Mathematics Part I. 3-0-3.
Prerequisite: C or better grade in MATH 2595 and MATH 3390.
Students' understanding of the mathematics taught in middle school and the first few years of high school will be deepened and broadened through the study of key topics including algebra, linear functions, exponential functions, quadratic functions, number theory, discrete mathematics, and mathematical modeling. This course is designed so that students can revisit key ideas in school mathematics, bringing with them the skills and understandings of college course work in mathematics, deepening and broadening their understanding, and connecting more advanced ideas to the topics they will teach in middle school and high school.

MATH 4260 - Linear Algebra II. 3-0-3.
Prerequisite: C or better grade in MATH 3260.
Topics in this course include real vector spaces and their subspaces; inner product spaces, orthonormal bases, Gram-Schmidt process; best approximation; eigenvalues and eigenvectors; symmetric, positive definite, and similar matrices; matrices of general linear transformations, and various applications.

MATH 4322 - Discrete Modeling II. 3-0-3.
Prerequisite: C or better grade in MATH 3322 and CS 2301.
This course continues the study of discrete mathematical modeling begun in Discrete Modeling I. Topics include generating functions, design theory, and networks. Combinatorial algorithms will be emphasized and some programming will be required.

MATH 4345 - Numerical Methods II. 3-0-3.
Prerequisite: C or better grade in MATH 3310 and CS 2301.
Topics included will be numerical methods for systems of equations, differentiation and integration, approximation theory, initial and boundary value problems and problems for ordinary differential equations.

Notes: Extensive use of computing will be incorporated.

MATH 4361 - Modern Algebra I. 3-0-3.
Prerequisite: C or better grade in MATH 3260.
An introduction to the fundamental structures of abstract algebra (groups, rings, and fields), the connections of these structures with the algebra studied at the elementary level, and the historical development of modern algebra.

MATH 4362 - Modern Algebra II. 3-0-3.
Prerequisite: C or better grade in MATH 4361.
This course is a continuation of MATH 4361 in which portions of the theory of abstract algebra will be developed more fully and specific applications will be examined more deeply. Some theoretical and applied areas from which the topics of this course will be chosen are Galois Theory (including straight-edge and compass constructability, Galois groups, and solvability of polynomials by radicals), lattices and Boolean Algebras, cryptography, and/or other application areas (at the instructor's discretion).

MATH 4381 - Real Analysis I. 3-0-3.
Prerequisite: C or better grade in MATH 2202 and MATH 3260.
A study of functions of a single real variable and of some of the finer properties of the real number system. Various foundational topics such as proofs, the theory of sets, infinity, etc., will present themselves naturally as the student deepens his/her understanding of concepts already familiar from Calculus. Among topics to be included will be the real number system, sequences, functions, limits, continuity, derivatives, and the Mean Value Theorem.

MATH 4382 - Real Analysis II. 3-0-3.
Prerequisite: C or better grade in MATH 4381.
This course continues the study of functions of one real variable begun in Real Analysis I. Topics included are: the Riemann-Stieltjes integral; Sequences and series of functions; Introduction to orthogonal functions and Fourier series; Introduction to Lebesgue measure theory and integration.

MATH 4391 - Complex Variables. 3-0-3.
Prerequisite: C or better grade in MATH 2203.
The study of complex variables is a central subject in mathematics, important for students in mathematics, engineering and physical sciences (due to so many applications to fluid mechanics, heat conduction, and electromagnetic theory). Complex variables are a very powerful tool for solving problems that are either difficult or virtually impossible to solve in any other way. Topics covered in MATH 4391 provide an introduction to the subject, including basics from complex function theory: numbers, analytic functions, Cauchy-Riemann conditions, elementary functions, complex integration, Cauchy's theorem and integral formula, power series, residues and applications. complex

MATH 4400 - Directed Study. 3-0-3.
Prerequisite: Approval of instructor, major area committee, and department chair.
Special advanced topics external to regular course offerings.

MATH 4490 - Special Topics in Mathematics. 3-0-3.
Prerequisite: Approval of instructor and department chair.
Special selected topics of interest to faculty and students.

MATH 4495 - Advanced Perspectives on School Mathematics Part II. 3-0-3.
Prerequisite: C or better grade in MATH 3495.
Students understanding of secondary mathematics will be deepened and broadened through the study of algebraic structures, analytic geometry, and trigonometry, including conic sections, complex numbers, polynomials and functions. This course is designed so that students can revisit key ideas in high school mathematics, bringing with them the skills and understandings of college course work in mathematics, deepening and broadening their understanding, and connecting more advanced ideas to the topics they will teach in high school.

MATH 4700 - Capstone Experience. 3-0-3.
Prerequisite: Approval of mathematics department chair.
An internship, project or course which synthesizes the skills mastered during the course of the program.

MGT: Management

MGT 3100 - Management and Behavioral Sciences. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours and permission of the Coles College of Business.
This course introduces students to the field of management, focusing on basic principles and concepts applicable to all types of organizations. The evolution of functional and behavioral aspects of management and organization theory are presented in the context of political, societal, regulatory, ethical, global, technological and demographic environmental forces.

MGT 3140 - Leading & Teaming in Business Settings. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: 60 credit hours including MGT 3100, and permission of the Coles College of Business.
Teams are essential in today's work environments. Various leadership frameworks and tools, such as decision making, project management, and business process analysis and management, and change leadership will be explored and evaluated as well as executive leadership behaviors. Topics will include leading task forces and learning teams, working in and leading virtual teams, skills in leading multiple teams, managing challenging interactions and contention, promoting compelling goals and maintaining focus while eliciting commitment and accountability, reinventing business leadership, and global leadership applications and issues. Emphasis will be on integrating social-enterprise research, skill development, and applications.

MGT 3190 - Business, Ethics, and Society. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours and permission of the Coles College of Business.
This course examines the relationship between business and society and the role of ethics in employee and managerial decision-making and behavior. Using a stakeholder management approach, the course explores uses and potential abuses of business power on internal and external stakeholders. Models for integrating ethical concerns into business decisions are examined.

MGT 3200 - Operations Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and ECON 2300; Non-business Majors: MGT 3100, ECON 2300, and permission of the Coles College of Business.
Generic modeling techniques are applied to the planning, operation and control of the production of goods and services. Topics include: quality control, facility location and layout, material requirements planning and project scheduling.

MGT 3396 - Cooperative Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of the Coordinator of cooperative education/internships (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised work experience program for a minimum of two academic semesters at a site in business, industry or government. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

MGT 3398 - Internship. 1-6.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of the Coordinator of cooperative education/internships (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. A research paper is required to receive credit. For junior or senior students who wish to participate in an on the job experience in which they may apply their academic training. The work experience may not be with a current employer. The course will be graded on an S/U basis.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

MGT 3600 - Introduction to International Business. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours and permission of the Coles College of Business.
An introduction to the global business environment, this course examines the discrete and interactive effects of the geographic, historical, sociocultural, political/legal, economic and technological forces that shape international commercial activity and its consequences.

MGT 4120 - Venture Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business.
Introduction to the management and operation of small business. Topics include: startup issues; legal forms of organization; opera-

tional planning; developing a marketing plan; financing the business; personnel issues; developing an accounting and control system; long-range planning and strategy formation; and other topics as appropriate.

MGT 4121 - Entrepreneurship and Creativity. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 hours and permission of the Coles College of Business.
Introduction to entrepreneurship. Students will develop comprehensive business plans for new ventures or for the expansion of existing small businesses through a disciplined approach to creatively visualizing future opportunities. Attention will focus on managing risk and creativity. Topics include: personal assessment; opportunity analysis; feasibility analysis; venture finance; and budgeting.

MGT 4122 - Venture Analysis. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 4120 or MGT 4121; Non-business Majors: MGT 4120 or MGT 4121 and permission of the Coles College of Business.
A course that applies the concepts of small business management, entrepreneurship and creativity to the analysis of complex business problems faced by new ventures and existing small businesses. Case studies will be used to develop students' ability to identify and solve problems. Work will continue on personal startup projects and business plans.

MGT 4123 - Family Business Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business.
This course explores the unique challenges and opportunities involved in owning and/or managing a family business. By attending the class, students learn to identify and address challenges related to responsible ownership, succession, corporate governance, family governance, professionalization, and family office. Both family and non-family members' perspectives are explored and addressed.

MGT 4124 - Franchise Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirements and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business.
Franchise Management is an introduction to the field of franchising as it concerns the franchiser (the business who grants the business rights to franchisees), and the franchisee (the individual or business who obtains the rights to operate the franchised business in accordance with the chosen method to produce or sell the product or service). It covers the body of knowledge on how to expand an existing business through domestic or international franchising as well as how to analyze and decide how to buy and manage a franchise.

MGT 4125 - International Entrepreneurship. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business; NACE Grant Students: None.
An examination of the role of the entrepreneur in creating new international business ventures. This course provides students with both a theoretical and practical understanding of new venture creation in the international marketplace, including extensions of domestic enterprises and new enterprises.

MGT 4130 - Commercial Real Estate Ventures. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business.
This course addresses the acquisition, development, operation, and disposition of commercial real estate properties, with a special emphasis on shopping centers. Dimensions of inquiry include: ethical decision making, specific legal requirements associated with real estate ventures, and stakeholder (developers, investors, local communities, and public sector) analysis.

MGT 4160 - Organizational Behavior. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business.
Drawing from psychology, sociology, anthropology and related disciplines, the field of organizational behavior examines individual characteristics of people in a demographically diverse work force, group dynamics involved in task accomplishment, and the effects of individual and group behavior on organizational effectiveness.

MGT 4161 - Organizational Communications. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business.
This course develops student understanding of communication processes within organizations, increases ability to diagnose and deal with organizational communication problems, and enhances skills in using communication to improve individual, group, and organization-wide effectiveness.

MGT 4170 - Strategic Human Resource Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business.
This course provides a functional overview of human resource management areas including strategic human resource planning, employee staffing, compensation and benefit systems, performance assessment, training and development, and labor relations. Emphasis is placed upon the development of managerial competencies to conduct selection interviews, performance appraisals, and workplace dispute negotiations.

MGT 4171 - Employee and Labor Relations. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 4170; Non-business Majors: MGT 4170 and permission of the Coles College of Business.
The study of employee and labor relations includes union organizing, collective bargaining, labor legislation, contract negotiation, grievance resolution, arbitration, and international labor movement issues. Alternative dispute resolution methods, cooperative labor/management policies and practices, and union-free work environments are covered.

MGT 4172 - Compensation and Reward Systems. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 4170; Non-business Majors: MGT 4170 and permission of the Coles College of Business.
Compensation systems and practices that attract, motivate, and retain employees are investigated in this course. Topical areas include wage and hour regulations, job evaluation, pay structure development, incentive systems, merit pay decision making, and strategic benefit systems design.

MGT 4173 - Human Resource Selection. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 4170; Non-business Majors: MGT 4170 and permission of the Coles College of Business.
This course focuses on the acquisition, selection, and placement of human resources to maximize organizational effectiveness. Topics include strategic human resources planning, EEO requirements, labor force forecasting, job analysis methods, recruitment practices, employee selection techniques, and testing procedures that increase employee-job fit.

MGT 4174 - International Human Resource Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100. Non-business Majors: MGT 3100 and permission of the Coles College of Business.
This course focuses on human resource management functions required to implement international or global strategy. Areas examined include international recruitment and selection, performance management, training and development, compensation, labor relations, management of expatriates and their repatriation, dealing with host country nationals, and career management in the international context. Special topics include human resource law and issues in specific countries outside the U.S. and managing a multicultural labor force in the U.S.

MGT 4190 - International Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business.
This course deals with the basic managerial functions in an international enterprise. It explores the theoretical and practical aspects of managing international business operations, and deals with multi-cultural and global issues of managing the business expansion beyond the domestic market. It portrays the difficulties of managing enterprises that cross national borders and have to deal with cultural diversity, and diversity in socio-political and economic systems.

MGT 4199 - Strategic Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA requirement. Students must have completed all the required upper-division business core courses including ECON 2300, FIN 3100, MGT 3100, MGT 3200, and MKTG 3100. This course is taken in the last or next-to-last semester in

the program. Non-business Majors: Not open to non-business majors.
This course emphasizes an integrative, multifunctional, general management perspective of the organization and its long-term survival in a global economic environment. It builds the knowledge base and analytical skills required for managing a business enterprise. Components include situation analysis, strategy formulation, evaluation, and choice, as well as strategy implementation at different organizational levels, and under different contextual conditions. The course enables the refinement of the student's communication and presentation skills, as well as the interpersonal abilities necessary for accomplishing group tasks. Integrating multiple business disciplines, it serves as the capstone course in the business curriculum.

MGT 4400 - Directed Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and permission of instructor and department chair prior to registration; Non-business Majors: Permission of instructor and the Coles College of Business.
Special topics of an advanced nature not in the regular course offerings.

MGT 4476 - Contemporary Global Business Practices. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and 90 semester hours including MGT 3100 and MGT 3600; Non-business Majors: MGT 3100, MGT 3600 and the permission of the Coles College of Business.
This course deals with current practices in Global Business. It examines the strategies and tactics adopted by Global Companies from both Developed as well as Emerging Markets. Students will obtain insights into how firms in today's global markets need to be skilled in handling virtual teaming, outsourced and offshored projects, and strategic alliances across national boundaries, in order to maintain competitive advantage.

MGT 4490 - Special Topics in Management. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and permission of instructor and department chair prior to registration; Non-business Majors: Permission of instructor and the Coles College of Business.
Selected topics of interest to faculty and students.

MGT 4700 - Hospitality Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3100; Non-business Majors: MGT 3100 and permission of the Coles College of Business.
This survey course provides students with an understanding of the Hospitality Industry and the role it plays in the both the U.S. and global economies. This course provides an overview of hospitality management areas such as lodging, food service, travel, and entertainment and career opportunities in each area. The main goal of the course is to expose students to the hospitality industry and provide an understanding of the unique aspects of managing businesses in this industry.

MGT 4800 - International Supply Chain Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3200; Non-business Majors: MGT 3200 and permission of the Coles College of Business.
This course examines the key concepts of supply chain management, involving the flows of materials and information among all of the firms that contribute value to a product or service, from the source of raw materials to end customers. The course emphasizes the relationship between a firm and its supply chain partners: primarily the suppliers from whom it purchases its inputs and those who assist in the logistics and distribution of the products. The course has an international emphasis to reflect the trend of increasing partnerships with international suppliers, international transportation providers, and distributors in foreign markets. Supply chain management issues are addressed for both manufacturing and service organizations.

MGT 4850 - Managing Process Improvement. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3200; Non-business Majors: MGT 3200 and permission of the Coles College of Business.
This course addresses leading-edge manufacturing theory and practice, including the just-in-time manufacturing philosophy, kanban production control systems, group technology, cellular manufacturing, the theory of constraints, the drum-buffer-rope production control system, and VAT analysis. This course extends knowledge beyond what is taught in traditional production and inventory management courses.

MGT 4860 - Quality Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3200. Non-business Majors: MGT 3200 and permission of the Coles College of Business.
This course is an in-depth study of the key concepts and practices of modern quality philosophies and techniques. The opportunities to add value through quality in all phases of business and product life cycles will be identified. Concepts and methods of statistical quality control will be presented.

MGT 4880 - Service Operations Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MGT 3200; Non-business Majors: MGT 3200 and permission of the Coles College of Business.
The course will focus on developing a clear understanding of services from multiple perspectives. Students will define, diagnose, design, measure, control, and change services with the objective of improving quality and productivity. The course will address important service design issues, competitive issues unique to services, and the extensive interaction between marketing and operations in service organizations.

MGT/MKTG 4476 - Contemporary Global Business Practices. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and 90 semester hours including MGT 3100 and MGT 3600; Non-business Majors: MGT 3100, MGT 3600 and permission of the Business Undergraduate Dean or Management Department Chair.
This course will deal with current practices in Global Business. It will examine the strategies and tactics adopted by Global Companies from both Developed as well as Emerging Markets. Students will obtain insights into how firms in today's global markets need to be skilled in handling virtual teaming, outsourced and offshored projects, and strategic alliances across national boundaries, in order to maintain competitive advantage.

MEBU: Music Entertainment and Business

MEBU 1101 - Introduction to the Music and Entertainment Business. 1-0-1.
Prerequisite: None.
An introduction to the fundamental concepts of the business practices related to the music and entertainment industry. The course will focus on skills necessary for beginning and maintaining a professional career in the music and entertainment industry. The course will have an emphasis on practical applications of classroom knowledge to the music business and entertainment environment.

MEBU 3100 - Fundamentals of the Music and Entertainment Business. 2-1-3.
Prerequisite: 90 credit hours, recommended minimum cumulative GPA of 2.8, application and acceptance to the Music and Entertainment Business Certificate program, and permission of the MEBU director.
This course is a survey of the music and entertainment industry, its various prominent commercial and regulatory organizations, and its developmental history and future directions. Specific topics covered in this course include music and entertainment company operations, income generation, distribution models, publishing technologies, film, television, new media, and emerging trends.

MEBU 3398 - Internship in the Music and Entertainment Business. 1-3.
Prerequisite: 90 credit hours, recommended minimum cumulative GPA of 2.8, application and acceptance to the Music and Entertainment Business Certificate program, successful completion of MEBU 3100, and permission of the MEBU director.
This internship is intended for music and entertainment business program students who show interest in an area of study and wish to pursue a discipline of practical and applied experience in greater depth. Student must be directed by the program director and sponsored by an approved music or entertainment business.

MEBU 4100 - Emerging Trends of the Music and Entertainment Business. 2-1-3.
Prerequisite: 90 credit hours, recommended minimum cumulative GPA of 2.8, application and acceptance to the Music and Entertainment Business Certificate program, successful completion of MEBU 3100, and permission of the MEBU director.
This course is an in-depth study of topics of specific relevance to the music and entertainment industry, with a strong emphasis on emperiential learning and practical application of classroom knowledge to the music and entertainment business environment. In-depth focus on entrepreneurship, busi-

ness plans, practical experiences, on-the-job training, resume-building and exploration of career opportunities in the music and entertainment industry.

MEBU 4200 - Current Topics in the Music and Entertainment Business. 2-1-3.
Prerequisite: 90 credit hours, recommended minimum cumulative GPA of 2.8, application and acceptance to the Music and Entertainment Business Certificate program, successful completion of MEBU 2100, and permission of the MEBU director.
Selected current topics of interest to faculty and students that focus on the Music and Entertainment Business. In-depth focus on ethics and ideologies, convergence, sponsorships, endorsements, technologies, brands, licensing and applications of copyright law, business plans, intellectual property rights and the future of the music and entertainment industry.

MEBU 4490 - Special Topics in the Music and Entertainment Business. 2-0-3.
Prerequisite: 90 credit hours, recommended minimum cumulative GPA of 2.8, application and acceptance to the Music and Entertainment Business Certificate program, successful completion of MEBU 3100, and permission of the MEBU director.
Selected special topics of interest to faculty and students that focus on the Music and Entertainment Business.

MILS: Military Science

MILS 1021 - Leadership & Personal Development. 2-3-3.
Prerequisite: None.
General introduction of cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as time management, physical fitness, and stress management relate to leadership, Officership, and Army operations. Focus is placed on developing basic knowledge and comprehension of Army Leadership Dimensions while gaining a big picture understanding of the ROTC program, its purpose in the Army, and its advantages for the student.

MILS 1022 - Introduction to Tactical Leadership. 2-3-3
Prerequisite: None.
MILS 1022 overviews leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feed-back, and using elective writing skills. Cadets explore dimensions of leadership values; emphasis is placed on recruitment and retention of cadets. The building of stronger relationships among the cadets through common experiences and practical interaction are critical aspects of the MILS 1022 experience.

MILS 2021 - Innovative Team Leadership. 2-3-3.
Prerequisite: MILS 1021, MILS 1022, prior military service or consent of the instructor.
MILS 2021 explores the dimensions of creative and innovative tactical leadership, strategies, and styles by examining team dynamics of two historical leadership theories that form the basis of the Army leadership framework -- trait and behavior theories. Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Focus is on continued development of the knowledge of leadership values and attributes through an understanding of Army rank structure, duties, and basic aspects of land navigation and squad tactics. Case studies provide tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the contemporary operating environment (COE).

MILS 2022 - Found Tactical Leadership. 2-3-3.
Prerequisite: MILS 1021, MILS 1022, MILS 2021, prior military service or consent of the instructor.
MILS 2022 examines the challenges of leading tactical teams in the complex contemporary operation environment (COE). The course highlights include dimensions of terrain analysis, patrolling, and operation orders. The course furthers study of the theoretical basis of the Army leadership framework and explores the dynamics of adaptive leadership in the context of military operations. MILS 2022 provides a smooth transition into MILS 3011. Cadets develop greater self awareness as they assess their own leadership styles and practice communication and team building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios.

MILS 2031 - Army Physical Fitness Training. 1-3-2.
Prerequisite: Must have a Department of the Army (DA) Form 3425-R signed by a Physician and be enrolled in the Military Science Levels 1-4.
Develops skills needed to participate in, instruct, develop, and assess the Army Physical Fitness Test. Classes will meet Monday, Wednesday, and Friday from 6:00 am to 7:00 am in or near the gymnasium for training and lecture period.

MILS 3011 - Adaptive Tactical Leadership
3 Class Hours 3 Laboratory Hours 4 Credit Hours
Prerequisite: Advanced ROTC standing or consent of the department.
MILS 3011 challenges cadets to study and practice adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feedback, as well as their own self evaluations. Cadets continue to develop their leadership and critical thinking abilities. The focus is developing cadets' tactical leadership abilities to enable them to succeed at ROTC's summer Leadership Development and Assessment Course (LDAC).

MILS 3012 - Leadership Change Environment. 3-3-4.
Prerequisite: Advanced ROTC standing or consent of department.
MILS 3022 uses increasingly intense situational leadership challenges to build cadet awareness and skills in leading tactical operations up to platoon level. Cadets review aspects of combat, stability, and support operations. They also conduct military briefings and develop proficiency in garrison operation orders. The focus is on exploring, evaluating, and developing skills in decision-making, persuading, and motivating team members in contemporary operation environment (COE). MILS 3012 cadets are evaluated on what they know and do as leaders as they prepare to attend the ROTC summer Leadership Development Assessment Course (LDAC).

MILS 4011 - Developing Adaptive Leadership. 3-3-4.
Prerequisite: MILS 3011, MILS 3012.
MILS 4011 develops cadet proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates. Cadets assess risk, make ethical decisions, and lead fellow ROTC cadets. Lessons on military justice and personnel processes prepare cadets to make the transition to Army officers. MS IV cadets analyze, evaluate and instruct cadets at lower levels. Both their classroom and battalion leadership experiences are designed to prepare MS 4011 cadets for their first unit of assignment. They identify responsibilities of key staff roles, and use situational opportunities to teach, train, and develop subordinates.

MILS 4012 - Leaders Complex World. 3-3-4.
Prerequisite: MILS 4011 or Advanced Course Standing.
MIL 4012 identifies and resolves ethical dilemmas. This course explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. They also explore aspects of interacting with non-governmental organizations, civilians on the battlefield, and host national support. The course places significant emphasis on preparing cadets for their first unit assignment. It uses case studies, scenarios, and "What Now, Lieutenant?" exercises to prepare cadets to face the complex ethical and practical demands of leading as commissioned officers in the United States Army.

MILS 4090 - Special Topics in Military Science. 1-5.
Prerequisite: Must be enrolled in, or have successfully completed both MSIII and MSIV-level ROTC classes or obtain permission from the Professor of Military Science.
MILS 4090 allows for independent study with a faculty member. Topics and research will pursue topics of military science not extensively treated in any other Military Science course.

MILS 4400 - Directed Study in Military Science. 1-10.
Prerequisite: Permission of instructor.
MILS 4400 is offered to military science students interested in investigating special topics external to regular course offerings.

This course is primarily offered as a completion course. Its secondary intent is to afford the Military Science Department the flexibility to offer course work to students who have special circumstances in their academic and commissioning requirements such as nursing and accelerated commissioning program cadets.

MKTG: Marketing

MKTG 3100 - Principles of Marketing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement; Non-business Majors: 60 credit hours and permission of the Coles College of Business.
An introduction to the principles of marketing. This course examines the term, "marketing," in a broad sense to include all those activities of individuals or organizations which encourage and facilitate exchanges of values. This includes many activities such as research, physical distribution, product planning, pricing and promotional activities. These concepts are examined as they apply to marketing of goods and services, in profit and nonprofit sectors, in both domestic and global markets.

MKTG 3396 - Cooperative Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of Coordinator of cooperative education/internship (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised work experience program for a minimum of two academic semesters at a site in business, industry or government. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

MKTG 3398 - Internship. 1-9 .
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of the Coordinator of cooperative educational/internship (KSU Career Services); Non-business Majors: Not available to non-business majors.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency or government agency. A research paper is required to receive credit. For junior or senior students who wish to participate in an on the job experience in which they may apply their academic training. The work experience may not be with a current employer. The course will be graded on an S/U basis.

Notes: Credit is allowed only in the "Business Electives" area of the BBA.

MKTG 3800 - Entertainment Marketing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
An introduction to the marketing practices of the entertainment industry. Industry terms, marketing strategies and tactics, recent developments and trends will be examined for major sectors of the entertainment industry including movie, music, television, theater, publishing, gaming, hospitality, and sports sectors. The course will also focus on product placement, celebrity source usage, product tie-ins, cross promotion, licensing, and other current marketing practices in the entertainment industry.

MKTG 4100 - Marketing Research. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, MKTG 3100 and ECON 2300. Non-business Majors: MKTG 3100, ECON 2300, and permission of the Coles College of Business.
An examination of the marketing research process as an information providing activity supporting management decision-making. The course covers definition of the research problem, selecting and planning of a research design, measurement and scaling, questionnaire construction, and data analysis and interpretation. Students are required to use a statistical software package for data management and analysis.

MKTG 4150 - Consumer Behavior. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
Examines the diverse influences of culture, society and psychological processes on consumer purchase patterns. Implications for marketing activities are also discussed.

MKTG 4300 - Basic Retailing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
An introduction to retailing as a business institution. Attention is focused on activities, procedures and decisions related to the operation of a retail unit.

MKTG 4350 - Retail Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100. MKTG 4300 recommended. Non-business Majors: MKTG 3100 and permission of the Coles College of Business. MKGT 4300 recommended.
An examination of the practices and methods of retail distribution and merchandising as a rapidly changing part of the total marketing process, involving both large and small firms.

MKTG 4400 - Directed Study. 1-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of instructor and department chair prior to registration; Non-business Majors: Permission of instructor, department chair, and the Coles College of Business.
Special topics of an advanced nature not in the regular course offerings.

MKTG 4410 - Professional Selling. 3-0-3.
Prerequisite: Business Majors: Admission to the Coles College of Business and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
An examination of the role of personal selling in the firm's marketing strategy, model of communication and specific methods of selling. All students will be required to develop and deliver effective sales presentations.

MKTG 4430 - Market Analysis. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, MKTG 3100, and ECON 2300. Non-business Majors: MKTG 3100, ECON 2300, and permission of the Coles College of Business.
This course develops skills in locating, selecting and using appropriate information sources for making and using market measurements in the planning and management of marketing and sales operations. Students learn tools for estimating demand and forecasting industry and company sales and how to use these measures in selecting market targets, designing sales territories, assigning sales quotas and planning customer contract programs.

MKTG 4450 - Sales Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
A study of planning, organizing, staffing, directing and controlling of the sales force in developing an effective marketing organization.

MKTG 4476 - Contemporary Global Business Practices. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and 90 semester hours including MGT 3100 and MGT 3600; Non-business Majors: MGT 3100, MGT 3600, and permission of the Coles College of Business.
This course deals with current practices in Global Business. It examines the strategies and tactics adopted by Global Companies from both Developed as well as Emerging Markets. Students will obtain insights into how firms in today's global markets need to be skilled in handling virtual teaming, outsourced and offshored projects, and strategic alliances across national boundaries, in order to maintain competitive advantage.

MKTG 4490 - Special Topics in Marketing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and approval of instructor and department chair; Non-business Majors: Permission of instructor, department chair, and the Coles College of Business.
Selected special topics of interest to faculty and students.

MKTG 4500 - Internet Marketing and Global Business. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
The course focuses on how information technology has created the framework for the emergence of commerce on the Internet. Students will be exposed to the ways that firms are utilizing the Internet to reconstruct their value chains and create/sustain competitive advantage. The impact of this medium on key dimensions of global business operations such as purchasing, manufacturing and marketing will also be addressed.

MKTG 4620 - Services Marketing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
An examination of the unique characteristics of service organizations and the increasingly vital role they play in the U. S. economy. By focusing upon the marketing of such diverse services as hotels, hospitals, banking and recreation, the course stresses the importance of tailoring marketing strategies to fit the special needs of service marketers, needs quite different from those of manufacturing organizations.

MKTG 4630 - Direct Response Marketing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
A study of the promotional methods that request immediate action or response. Topics include: planning, creating and evaluating of direct response advertising campaigns, introduction to direct mail marketing techniques including lists, catalogs, testing and merchandise selection and the media of direct marketing.

MKTG 4650 - Advertising. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
A study of the various elements of advertising. This course emphasizes the strategic applications of advertising and promotion from the perspective of the marketing manager.

MKTG 4666 - Marketing for Entrepreneurs. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA requirement and MKTG 3100 and MGT 3100; Non-business Majors: MKTG 3100, MGT 3100, and permission of the Coles College of Business.
This course is an introduction to the marketing practices that focus on the needs of entrepreneurs. Industry terms, entrepreneur-focused marketing strategies and sales tactics, recent developments, trends, and social networking will be examined. Requirements for development of an integrated marketing communications plan for supporting an entrepreneur are stressed.

MKTG 4670 - Promotional Strategy. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 4650; Non-business Majors: MKTG 4650 and permission of the Coles College of Business.
A study of the various component parts of the promotional mix. Focuses on the development and management of personal selling, public relations, publicity and advertising in implementing marketing strategy.

MKTG 4750 - Advanced Selling. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, MKTG 3100, and MKTG 4410; Non-business Majors: MKTG 3100, MKTG 4410, and permission of the Coles College of Business.
An in-depth examination of current business trends as they impact the professional salesperson. Particular emphasis is placed on negotiating skills and customer relationship management (CRM), as well as general sales related topics including sales automation and time/territory management. Students will be required to spend time in the field with professional salespeople and to prepare and deliver effective informational and persuasive sales presentations.

MKTG 4820 - International Marketing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
A study of the application of the marketing concept in international markets. The course examines how the differences in international environments induced by economic, cultural, legal and other influences necessitate the adaptation of the marketing mix to satisfy consumers. Alternative international market entry strategies, such as exporting and licensing, are discussed.

MKTG 4850 - Business to Business Marketing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
A study of special problems and requirements of marketing products to organizational buyers. The course examines organizational buyer behavior, business-to-business promotion, business-to-business sales and the development of industrial products.

MKTG 4870 - Sports Marketing. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and MKTG 3100; Non-business Majors: MKTG 3100 and permission of the Coles College of Business.
Sport event marketing is one of the fastest growing career fields in America. The term, "sports marketing" includes the administration, coordination, and evaluation of any type of event related to sport. Examples are from local school and community sport events, not-for-profit and corporate events, intercollegiate sport programs, and amateur and professional league activities such as the Olympic Games and the Super Bowl. The Sports Marketing class is designed to provide the student an opportunity to experience an actual sports event project. The project will be selected by the class, after which a strategic plan will be developed and carried out. This class will be interactive and require the student's complete participation to be successful.

MKTG 4990 - Marketing Management. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement, MKTG 3100, MKTG 4100, and MKTG 4150; Non-business Majors: MKTG 3100, MKTG 4100, MKTG 4150, permission of the department chair and the Coles College of Business.
Integrates the full scope of marketing management. Development of complete marketing programs; discussion of major marketing problems; study and analysis of actual case problems.

MUAP: Music - Applied

Composition Courses and Pedagogy Courses --Course Work with Special Fees
Applied music encompasses the areas of instrumental and vocal performance requiring individual studio instruction. Other courses in music requiring highly specialized individual application such as composition and pedagogy are also taught through corresponding individual studio instruction. Studio instruction is offered in applied music performance courses for one (1) to two (2) hours of credit. Studio instruction is offered in composition for two (2) hours of credit and in pedagogy for three (3) hours of credit. Studio instruction is limited to music majors. A special fee will be charged for registration in applied music, composition, and pedagogy courses offered in a studio lesson format. The registration fee for one 50-minute private lesson per week is $150 per semester. In applied music and pedagogy courses, the particular instrument will be listed on the student's transcript as part of the course title.

Performance Courses
Advancement to the succeeding level requires a faculty jury recommendation. All junior and senior recitals must be preceded by a faculty jury recommendation.

MUAP 1101 - Audience Participation. 0-0-0.
Prerequisite: None.
All music majors (BA, BM) are required to attend six (6) student recitals and (6) concerts each semester. You take lessons until you have received six (6) semesters of satisfactory credit. These experiences will broaden your understanding and appreciation of a variety of music.

MUAP 1111 - Applied Lessons. 1-0-1.

MUAP 1112 - Applied Lessons. 1-0-1.

MUAP 1113 - Applied Lessons. 1-0-1.

MUAP 1121 - Applied Lessons. 1-0-1.

MUAP 1122 - Applied Lessons. 1-0-1.

MUAP 1123 - Applied Lessons. 1-0-1.

MUAP 2211 - Applied Lessons. 1-0-1.

MUAP 2212 - Applied Lessons. 1-0-1.

MUAP 2213 - Applied Lessons. 1-0-1.

MUAP 2221 - Applied Lessons. 1-0-1.

MUAP 2222 - Applied Lessons. 1-0-2.

MUAP 2223 - Applied Lessons. 1-0-2.

MUAP 3311 - Applied Lessons. 1-0-1.

MUAP 3312 - Applied Lessons. 1-0-1.

MUAP 3313 - Applied Lessons. 1-0-1.

MUAP 3320 - Applied Lessons. 1-0-1.

MUAP 3321 - Applied Lessons. 1-0-2.

MUAP 3322 - Applied Lessons. 1-0-2.

Notes: Recital component

MUAP 3323 - Applied Lessons. 1-0-2.

MUAP 4411 - Applied Lessons. 1-0-1.

Notes: Recital component

MUAP 4412 - Applied Lessons. 1-0-1.
Prerequisite: Recital component

MUAP 4413 - Applied Lessons. 1-0-1.
Prerequisite: Recital component

MUAP 4421 - Applied Lessons. 1-0-2.
Prerequisite: Recital component

MUAP 4422 - Applied Lessons. 1-0-2.
Prerequisite: Recital component

MUAP 4423 - Applied Lessons. 1-0-2.
Prerequisite: Recital component

MUAP 4521 - Applied Lessons. 1-0-2.

MUAP 4522 - Applied Lessons. 1-0-2.

MUAP 4523 - Applied Lessons. 1-0-2.

MUAP 4621 - Applied Lessons. 1-0-2.

MUAP 4622 - Applied Lessons. 1-0-2.

MUAP 4623 - Applied Lessons. 1-0-2.

MUED: Music Education

MUED 3301 - General Methods, Materials and Curriculum. 3-0-3.
Prerequisite: MUSI 2222, EDUC 2110, and admission to Teacher Education.
The development of specific teaching skills, techniques and materials to support the role of the elementary/general music teacher. The course prepares prospective general track music specialists for all aspects of the role including curriculum design and the incorporation of a wide variety of methodologies into classroom instruction. Field component and peer teaching required. This course is a requirement for all music education majors.

MUED 3302 - Choral Methods, Materials, and Curriculum. 3-0-3.
Prerequisite: MUSI 2222, MUSI 4434, EDUC 2110, and admission to Teacher Education.
The development of the specific teaching skills, techniques and materials to support the role of the choir director and vocal music teacher. The course prepares prospective choral/vocal track music specialists for all aspects of the role including curriculum design, rehearsal procedures, methodologies, and the study of appropriate choral literature. Field component, peer teaching and laboratory conducting are required. This course is a requirement for all choral/vocal music education majors.

MUED 3303 - Instrumental Methods, Materials and Curriculum. 3-0-3.
Prerequisite: MUSI 2222, EDUC 2110, and admission to Teacher Education.
The development of specific teaching skills, techniques and materials to support the role of band director and instrumental music teacher. The course prepares prospective instrumental track music specialists for all aspects of the role including curriculum design, rehearsal procedures, methodologies and the study of appropriate band literature. Field component, peer teaching and laboratory conducting are required.

MUED 3305 - Learning and Assessment in Music. 2-0-2.
Prerequisite: MUSI 2222, EDUC 2110, EDUC 2130, and admission to Teacher Education.
A course examining educational principles, cognitive psychology and developmental learning theories relevant to the teaching and learning of music. In addition, strategies for assessing music aptitude and achievement are addressed, including standardized tests, teacher-constructed instruments, and evaluation tools for music programs, courses, and performance ensembles. This course is a requirement for all music education majors. This course is a requirement for all instrumental music education majors.

MUED 3308 - Music Education for Exceptional Students. 3-0-3.
Prerequisite: MUSI 2222; admission to Teacher Education.
Focus on characteristics and abilities of individuals with disabilities and the effect upon musical learning and performance. Students will develop materials and teaching strategies in music appropriate to students with special needs. Content includes current legal, educational, and therapeutic issues as they relate to the teaching of music. This course requires field experiences.

MUED 3314 - Choral Literature. 2-0-2.
Prerequisite: MUSI 1110 and MUSI 2222.
A survey of large and small choral works from the Renaissance to the present with emphasis on practical performing editions and special attention to contemporary literature.

MUED 3334 - Foundations of Music Education. 2-0-2.
Prerequisite: MUSI 1122.
An exploration of the interaction of historical, social, and philosophical forces and the development of music education, and the justification of a music education program in schools. Issues of career opportunities in music education are included. This course is required for all music education majors.

MUED 3340 - Music for Early and Middle Grades. 2-0-2.
Prerequisite: Admission to Teacher Education.
A course designed for preparing elementary school educators to integrate meaningful musical experiences into the classroom. Prospective elementary classroom educators will develop basic concepts, skills, methods of instruction, and teaching competencies in the specific areas of music.

MUED 3351 - String Techniques Class I. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument Techniques are REQUIRED for all music education majors. They are taken by advisement according to track and concentration. String Techniques Class I provides for basic teaching and playing competencies on violin.

MUED 3352 - String Techniques Class II. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument Techniques are REQUIRED for all music education majors. They are taken by advisement according to track and concentration. String Techniques Class II provides for basic teaching and playing competencies on cello and double bass.

MUED 3353 - Guitar Techniques Class. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument Techniques are REQUIRED for all music education majors. They are taken by advisement according to track and concentration. Guitar Techniques Class provides for basic teaching and playing competencies on guitar.

MUED 3355 - Voice Techniques Class. 0-2-1.
Prerequisite: Must be a fully admitted music major
Instrument Techniques are REQUIRED for all music education majors. They are taken by advisement according to track and concentration. Voice Techniques Class provides for basic teaching competency and basic vocal technique in the area of voice.

MUED 3357 - Percussion Techniques Class. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument Techniques are required for all music education majors. They are taken by advisement according to track and concentration. Percussion Techniques Class provides for basic teaching competency in the area of percussion instruments.

MUED 3360 - (Name of Instrument) Techniques. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument Techniques are required for all music education majors. They are taken by advisement and provide for the necessary competencies in each of the music education track specializations.

MUED 3361 - Brass Techniques Class I. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument techniques are required for all music education majors. They are taken by advisement according to concentration. Brass Techniques Class I provides for basic teaching and playing competency on trumpet and horn.

MUED 3362 - Brass Techniques Class II. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument techniques are required for all music education majors. They are taken by advisement according to concentration. Brass Techniques Class II provides for basic teaching and playing competency on trombone, euphonium and tuba.

MUED 3363 - Brass Techniques Class III. 0-2-1.
Prerequisite: Must be a fully admitted music major and have the permission of the instructor.
Advanced Techniques in Brass Instrumental pedagogy and performance competency.

MUED 3365 - Woodwind Techniques Class I. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument Techniques are required for all music education majors. They are taken by advisement according to concentration. Woodwind Techniques Class I provides for basic teaching and playing competency on clarinet and saxophone.

MUED 3366 - Woodwind Techniques Class II. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument Techniques are required for all music education majors. They are taken by advisement according to concentration. Woodwind Techniques Class II provides for basic teaching and playing competency on flute and oboe.

MUED 3367 - Woodwind Techniques Class III. 0-2-1.
Prerequisite: Must be a fully admitted music major and have the permission of the instructor.
Advanced Techniques in Woodwind instrumental pedagogy and performance competency.

MUED 3370 - Marching Band Techniques. 0-4-1.
Prerequisite: Must be a fully admitted music major.
Practicum in organization and training of marching bands. The study of drill and the planning of movement, formations and shows. Supervised apprenticeship in public school settings.

MUED 3371 - Brass/Woodwind Techniques. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument Techniques are required by all music education majors. They are taken by advisement according to track and concentration. Brass/Woodwind Techniques provides a split-semester overview, including pedagogical principles designed for Vocal/Choral, General, Guitar, and Piano Majors (not Instrumental or String).

MUED 3372 - Strings/Guitar Techniques. 0-2-1.
Prerequisite: Must be a fully admitted music major.
Instrument Techniques are required by all music education majors. They are taken by advisement according to track and concentration. Strings/Guitar Techniques provides a split-semester overview, including pedagogical principals designed for Choral, General, and Piano Concentration (not Instrumental, Guitar or String.)

MUED 3396 - Cooperative Study. 1-3.
Prerequisite: Approval of coordinator of cooperative education/internship (Career Services).
A supervised work experience program for a minimum of two academic semesters at a site in business, industry or government. For sophomore-, junior-, or senior-level students who wish to obtain successive on the job experience in conjunction with their academic training.

MUED 3398 - Internship. 12.
Prerequisite: Previous baccalaureate degree, acceptance into Teacher Education Program, and approval of music education program coordinator.
Full-time teaching experience in a work setting, supervised by music education faculty. Student must comply with requirements indicated by the Center for Education Placements and Partnerships of the Bagwell College of Education. The student attends regularly scheduled team-taught music education seminars.

MUED 4400 - Directed Study. 1-3.
Prerequisite: Approval of the instructor, major area committee, and director of the School of Music prior to registration.
Selected topics of an advanced nature, which may include original research topics.

MUED 4470 - Student Teaching/Seminar. 12.
Prerequisite: Admission to Student Teaching and successful completion of senior recital.
Full-time teaching experience in music education with a designated school district, under the supervision of a cooperating teacher in the field, and a university supervisor. The student

must have approval from the School of Music and the Center for Education Placements and Partnerships. The student attends a regularly scheduled team-taught music education seminar.

MUED 4490 - Special Topics in Music Education. 1-3.
Prerequisite: Approval of instructor and Director of School of Music prior to registration.
Selected special topics in music education, which are consistent with research, curriculum, and/or creative practices.

MUSI: Music

MUSI 1020 - Fundamentals of Music Theory. 2-0-2.
Prerequisite: None.
The fundamentals of music theory including music reading, rhythm and pitch orientation, accidentals, key and time signatures, rhythmic organization, intervals, scale formation, triad construction and chord spelling, elementary ear training and sight singing, and an introduction to the keyboard. Open to all university students. May not be counted for credit towards a music degree.

MUSI 1107 - Arts in Society: Music. 3-0-3.
Prerequisite: ENGL 0099, READ 099, if required.
Through an examination of the role of arts in society, and an in-depth study of musical works, this interactive course provides an understanding of the creative process and develops skills in creativity and critical analysis. Heightened perceptual abilities will be developed through class experiences and field visits to a variety of arts events in dance, theater, and visual arts, as well as in music. (Attendance at some events requires paid admission.)

MUSI 1110 - Introduction to World Music. 1-2-2.
Prerequisite: MUSI 1121
Introduction to music of the world's cultures.

Notes: Required laboratory component.

MUSI 1111 - Aural Skills I. 0-2-1.
Prerequisite: Must be a fully admitted music major or minor; placement determined by proficiency test.
For music majors and minors. Foundation work in sight singing including rhythmic and melodic dictation. Practical application includes some composition and improvisation.

MUSI 1112 - Aural Skills II. . 0-2-1.
Prerequisite: MUSI 1111 (with C or better).
For music majors. Continuation of skill development in sight singing including rhythmic and melodic dictation. Practical application includes some composition and improvisation.

MUSI 1121 - Music Theory I. 3-0-3.
Prerequisite: Must be a fully admitted music major or minor; placement determined by proficiency test.
For music majors and minors. A correlated study of rhythmic, melodic and harmonic aspects of music common practice. Development of basic skills in music theory and harmony including practical application through part-writing. Components include composition, improvisation and practical keyboard applications.

MUSI 1122 - Music Theory II. 3-0-3.
Prerequisite: MUSI 1121 (with C or better).
For music majors. A continuation of correlated study of rhythmic, melodic and harmonic aspects of music common practice. Continuation of keyboard harmony is included with application at the keyboard. Components include composition, improvisation and practical keyboard applications.

MUSI 1143 - Jazz Ensemble. 0-4-1.
Prerequisite: Audition and permission of the instructor.
This course may be repeated for lower-division credit. The School of Music offers two large Jazz Ensembles that perform both on- and off-campus in concert. The ensembles perform a variety of styles within the jazz idiom including traditional swing, bop, Latin, Afro-Cuban, and funk.

MUSI 1144 - University Philharmonic Orchestra. 0-3-1.
Prerequisite: Membership is open to all students with previous experience playing an instrument.
May be repeated for lower-division credit. Study, rehearsal, and concert performance of literature for orchestra. No audition is required and non-music majors with previous orchestral experience are encouraged to play in the group.

MUSI 1145 - Concert Band. 0-3-1.
Prerequisite: Membership is open to all students with previous experience playing an instrument.
May be repeated for lower-division credit. Study, rehearsal, and concert performance of literature for concert band. No audition is

required and non-music majors with previous band experience are encouraged to play in the group.

MUSI 1146 - Chamber Singers. 0-6-1.
Prerequisite: Audition.
May be repeated for lower-division credit. Study, rehearsal, and concert performance of choral literature. Membership in Chamber Singers is by audition only.

MUSI 1147 - Wind Ensemble. 0-6-1.
Prerequisite: Audition.
May be repeated for lower-division credit. Study, rehearsal and concert performance of literature for wind ensemble. Membership in Wind Ensemble is by audition only.

MUSI 1148 - Symphony Orchestra. 0-6-1.
Prerequisite: Audition.
May be repeated for lower-division credit. Study, rehearsal and concert performance of literature for orchestra. Membership in the Orchestra is by audition only.

MUSI 1149 - Chorale. 0-3-1.
Prerequisite: None.
May be repeated for lower-division credit. Study, rehearsal and concert performance of literature for choir.

MUSI 1165 - Class Piano I. 0-2-1.
Prerequisite: Must be a fully admitted music major; placement determined by proficiency test.
The purpose of class piano instruction is to equip non-piano majors with the keyboard proficiencies needed to be reasonably fluent in basic technical and reading skills for practical use as a professional musician.

MUSI 1166 - Class Piano II. 0-2-1.
Prerequisite: A grade of "C" or better in MUSI 1165.
Continuation of Music 1165.

MUSI 2100 - Technology in Music. 0-2-1.
Prerequisite: MUSI 1122.
The development of practical experience with current computer applications and current technology specifically associated with music instruction and music performance. The course exposes students to current capabilities of technology as they relate to composition, instrumentation, performance and teaching.

MUSI 2111 - Aural Skills III. 0-2-1.
Prerequisite: MUSI 1112 (with C or better).
For music majors. Advanced skill development in ear training and sight singing. Includes rhythmic and melodic dictation. Practical application includes some composition and improvisation.

MUSI 2112 - Aural Skills IV. 0-2-1.
Prerequisite: MUSI 2111 (with C or better).
For music majors. Continuation of advanced skill development in ear training and sight singing. Includes rhythmic and melodic dictation. Practical application includes some composition and improvisation.

MUSI 2221 - Music Theory III. 3-0-3.
Prerequisite: MUSI 1122 (with C or better).
For music majors. Advanced correlated study of music theory and harmony of common practice including chromatic harmony and 20th century harmonic techniques. Components include composition, improvisation, literature analysis and practical keyboard application.

MUSI 2222 - Music Theory IV. 3-0-3.
Prerequisite: MUSI 2221 (with C or better).
For music majors. Continuation of advanced correlated study of music theory and harmony in common practice including analytical study of 20th century music. Components include composition, improvisation, literature analysis and practical keyboard application.

MUSI 3165 - Class Piano III. 0-2-1.
Prerequisite: A grade of "C" or better in MUSI 1166.
Continuation of MUSI 1166.

MUSI 3166 - Class Piano IV. 0-2-1.
Prerequisite: A grade of "C" or better in MUSI 3165.
Continuation of MUSI 3165.

MUSI 3302 - Vocal Literature: Musical Theater. 2-0-2.
Prerequisite: ENGL 1101 and permission of instructor.
Vocal literature, vocal techniques, and performance for the musical theater. This course will survey the musical repertory of standard major musical theater works. Students will prepare and perform songs, duets and group numbers from several musicals.

MUSI 3311 - History of Music I. 3-0-3.
Prerequisite: MUSI 2222 and MUSI 1107.
A survey of Western music history and literature from the Middle Ages to 1750.

MUSI 3312 - History of Music II. 3-0-3.
Prerequisite: MUSI 3311.
A survey of Western music history and literature from 1750 to the present.

MUSI 3315 - Vocal Literature. 2-0-2.
Prerequisite: MUSI 2222.
Solo vocal literature from 1600 to the present.

MUSI 3316 - Music and the Holocaust. 3-0-3.
Prerequisite: A grade of "C" or better in ENGL 1102.
An examination of the music and musicians of oppressed groups during the Holocaust provides an example of musical marginalization and oppression in the past to foster global understanding and tolerance in the present. Classical, folk, and popular styles of music will be included, as will Holocaust memorial music.

MUSI 3317 - History of Opera. 3-0-3.
Prerequisite: MUSI 2222.
This course surveys the development of European Operatic literature from the Florentine Camerata to the present.

MUSI 3318 - Introduction to Symphonic Music. 2-0-2.
Prerequisite: All developmental studies courses if required.
Orchestral literature from preclassic to present including symphony, concert overture, incidental music, program symphony and tone poem.

Notes: Emphasis on standard literature.

MUSI 3319 - Introduction to Jazz. 2-0-2.
Prerequisite: All developmental studies courses if required.
Jazz schools, styles and personalities in historical perspectives.

MUSI 3320 - Form and Analysis. 2-0-2.
Prerequisite: A grade of "C" or better in MUSI 2222.
Techniques of structural analysis of musical compositions in a variety of styles and periods with emphasis on harmony and form. The analysis of contrapuntal form is included.

MUSI 3321 - Advanced Ear Training. 2-0-2.
Prerequisite: MUSI 2222 and MUSI 2112.
Extended training in harmonic dictation, sight singing, aural analysis and rhythm.

MUSI 3324 - Instrumentation/Arranging. 2-0-2.
Prerequisite: A grade of "C" or better in MUSI 2222.
A study of the characteristics of orchestral instruments, including scoring principals and techniques. In addition the course includes the arranging of musical works for a variety of large and small vocal and instrumental ensembles.

MUSI 3326 - Composition. 2-0-2.
Prerequisite: MUSI 2222 and MUSI 2100.
For music majors. The development of music composition skill by an exploration of basic techniques necessary for coherent creative expression using pitch, rhythm, melody, timbre and harmony. Students write original compositions for various specified instruments, voices or combinations. 20th century styles and techniques are utilized. MUSI 3326 develops skill in music improvisation.

MUSI 3331 - Choral Conducting. 2-0-2.
Prerequisite: MUSI 2221.
Fundamental elements of conducting including baton technique, score reading, cueing, expression, interpretation and rehearsal skills with an emphasis on applying these techniques in practical conducting experiences involving vocal and instrumental ensembles.

MUSI 3332 - Instrumental Conducting. 2-0-2.
Prerequisite: MUSI 2221.
Fundamental elements of conducting including baton technique, score reading, cueing, expression, interpretation and rehearsal skills with an emphasis on applying these techniques in practical conducting experiences involving vocal and instrumental ensembles.

MUSI 3333 - Accompanying. 1-0-1.
Prerequisite: Must be a fully admitted music major; and permission of the instructor.
May be repeated for upper-division credit. For music majors. The practical application of accompaniment techniques.

MUSI 3334 - Italian and English Diction. 0-2-1.
Prerequisite: All developmental studies courses, if required. Must be a fully admitted music major.
Designed for the vocal music major. The study of the pronunciation, enunciation, and expression of the Italian and English language in singing.

MUSI 3335 - German and French Diction. 0-2-1.
Prerequisite: All developmental studies courses, if required and a grade of "C" or better in MUSI 3334.
Designed for the vocal music majors. An applied performance laboratory for the study of the pronunciation, enunciation, and expression of the German and French language in singing.

MUSI 3343 - Jazz Ensemble. 0-4-(0-1).
Prerequisite: Audition and permission of the instructor.
This course may be repeated for upper-division credit. The School of Music offers two large Jazz Ensembles that perform both on- and off-campus in concert. The ensembles perform a variety of styles within the jazz idiom including traditional swing, bop, Latin, Afro-Cuban, and funk.

MUSI 3344 - University Philharmonic Orchestra. 0-3-(0-1).
Prerequisite: Membership is open to all students with previous experience playing an instrument.
May be repeated for upper-division credit. Study, rehearsal, and concert performance of literature for orchestra. No audition is required and non-music majors with previous orchestral experience are encouraged to play in the group.

MUSI 3345 - Concert Band. 0-3-(0-1).
Prerequisite: Membership is open to all students with previous experience playing an instrument.
May be repeated for upper-division credit. Study, rehearsal, and concert performance of literature for concert band. No audition is required and non-music majors with previous band experience are encouraged to play in the group.

MUSI 3346 - Chamber Singers. 0-6-(0-1).
Prerequisite: Audition.
May be repeated for upper-division credit. Study, rehearsal and performance of choral literature. Membership in Chamber Singers is by audition only.

MUSI 3347 - Wind Ensemble. 0-6-(0-1).
Prerequisite: Audition.
May be repeated for upper-division credit. Study, rehearsal and concert performance of literature for wind ensemble. Membership in the Wind Ensemble is by audition only.

MUSI 3348 - Symphony Orchestra. 0-6-(0-1).
Prerequisite: Audition.
May be repeated for upper-division credit. Study, rehearsal and concert performance of literature for orchestra.

Notes: Membership in the orchestra is by audition only.

MUSI 3349 - Chorale. 0-3-(0-1).
Prerequisite: None.
May be repeated for upper-division credit. Study, rehearsal and concert performance of literature for choir.

MUSI 3350 - Advanced Choral Conducting/Literature. 2-0-2.
Prerequisite: MUSI 2112, MUSI 2222, MUSI 3331.
Advanced elements of conducting including baton technique, score reading, cueing, expression, interpretation and rehearsal skills with an emphasis on applying these techniques through choral literature in practical conducting experiences involving choral ensembles. Required laboratory component.

MUSI 3351 - Advanced Instrumental Conducting/Literature. 2-0-2.
Prerequisite: MUSI 2222, MUSI 2112, MUSI 3332.
Advanced elements of conducting including baton technique, score reading, cueing, expression, interpretation and rehearsal skills with an emphasis on applying these techniques through band and orchestra literature in practical conducting experiences involving instrumental ensembles. Required laboratory component.

MUSI 3352 - Opera Theater. 0-6-(0-1).
Prerequisite: Audition.
May be repeated for upper-division credit. Techniques for the singing actor studied through the production of scenes from the dramatic repertory.

MUSI 3353 - Jazz Improvisation. 2-0-2.
Prerequisite: MUSI 1122.
The development of instrumental (and vocal) improvisation skills incorporating harmony, melody, rhythm and form. Musical styles include traditional and contemporary jazz.

Notes: May be taken up to three times for credit.

MUSI 3367 - Vocal Skills I. 1-0-1.
Prerequisite: All developmental studies courses if required. Non-music majors require permission of instructor.
Vocal proficiency for music majors and non-majors. Emphasis on tone production, diction, performing skills and the physiology of the voice.

MUSI 3368 - Vocal Skills II. 1-0-1.
Prerequisite: MUSI 3367.
Continuation of MUSI 3367.

MUSI 3371 - Composition I. 1-0-2.
Prerequisite: MUSI 2222 and permission of instructor.
Individually tailored instruction is utilized for the development of music composition skills by writing in traditional and 20th century styles in both small and large forms and for a variety of media.

MUSI 3372 - Composition II. 1-0-2.
Prerequisite: MUSI 3371 and permission of instructor.
Individually tailored instruction is utilized for the development of music composition skills by writing in traditional and 20th century styles in both small and large forms and for a variety of media.

MUSI 3380 - Small Ensembles
0 Class Hours 2-(0-1).
Prerequisite: Permission of instructor. All developmental studies courses if required. May be repeated for upper-division credit. Small ensembles provide the opportunity for music majors and interested non-majors to receive experience in a variety of performance-based chamber ensembles. The focus of the ensemble (classical or jazz guitar ensemble, jazz combo, flute ensemble, percussion ensemble, trombone ensemble, low brass ensemble, mixed chamber, gospel choir, men's chorus, women's chorus, etc.) will be listed on the student's transcript as part of the course title.

MUSI 3396 - Cooperative Study. 1-3.
Prerequisite: Approval of coordinator of cooperative education/internship (Career Services).
A supervised work experience program for a minimum of two academic semesters at a site in business, industry or government. For sophomore-, junior, or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

MUSI 3398 - Internship. 1-12.
Prerequisite: Approval of School Director.
A supervised, credit earning work experience of one academic semester with a previously approved business firm, private agency or government agency.

Notes: Credit is allowed only in elective areas.

MUSI 3411 - Survey of African-American Music. 3-0-3.
Prerequisite: ENGL 1102.
An examination of the development of African-American music from its roots in Africa to the present time in America. The course examines the various genres of African-American music created by Africans including: spirituals, work songs, blues, gospel, jazz, rhythm and blues, and art music. The course also examines the development of the black church, minstrels, black classical music artists, and black classical music composers and their compositions.

MUSI 4400 - Directed Study. 1-3.
Prerequisite: Approval of instructor, major area committee and department chair prior to registration.
Selected topics of an advanced nature, which may include original research projects.

MUSI 4410 - Contemporary Music Literature. 2-0-2.
Prerequisite: MUSI 2222.
Music literature from Impressionism to the present.

MUSI 4412 - Introduction to American Music. 3-0-3.
Prerequisite: MUSI 1107.
Through an examination of the role of music in American society, and a study of American musical works from the Native Americans to the present day, this course provides a context-based understanding of the cultural history of the United States and develops skills in critical analysis.

MUSI 4413 - Piano Literature I. 2-0-2
Prerequisite: MUSI 1122 and permission of instructor.
Keyboard literature from 1600 to the present.

MUSI 4414 - Piano Literature II. 2-0-2.
Prerequisite: MUSI 4413 or permission of instructor.
Continuation of keyboard literature from 1600 to the present.

MUSI 4420 - Counterpoint. 2-0-2.
Prerequisite: MUSI 2222.
Analysis and principles of writing in the contrapuntal styles of the common practice period to the present.

MUSI 4421 - 20th-Century Analysis. 3-0-3.
Prerequisite: MUSI 2222.
This course surveys 20th-century musical styles and theoretical systems, teaching students how to analyze a variety of works in which common-practice, classical tonality is missing or highly attenuated. Topics include free atonal works, serial works, integral serialism (post-1945), neoclassical works, allusion, electronic works, aleatoric works, and minimalistic works. The course prepares students to analyze music, write model compositions, and develop analytical papers.

MUSI 4422 - Theory Seminar. 3-0-3.
Prerequisite: MUSI 2222.
This course discusses and practices methods of analyzing tonal, common-practice music in the Western art music tradition. Topics include Roman numeral analysis, tonal counterpoint, formal analysis, and Schenkerian (reductive) analysis.

MUSI 4423 - Current Directions in Musicology. 3-0-3.
Prerequisite: MUSI 3312.
This course offers an introduction to musicology including its origins, development and methodologies. Students will develop skills necessary for critical enquiry in music through engagement with theories of historiography, aesthetics, and performance practice, as well as critical assessment of current issues in the field.

MUSI 4430 - Piano Pedagogy I. 2-0-2.
Prerequisite: All developmental studies courses, if required. Must be a fully admitted music major.
Beginning-, elementary, and intermediate level teaching materials and methods for piano.

MUSI 4431 - Piano Pedagogy II. 2-0-2.
Prerequisite: MUSI 4430 and permission of instructor.
Continuation of beginning-, elementary-, and intermediate-level teaching materials and methods for piano.

MUSI 4433 - Voice Pedagogy. 2-0-2.
Prerequisite: Completion of MUAP 2222 in voice with a grade of "C" or better.
Pedagogical methods, vocal physiology and literature for training voices from beginning to advanced levels.

MUSI 4434 - Vocal Pedagogy for Ensemble Singing. 0-2-1.
Prerequisite: MUSI 3334.
Pedagogical methods for voice and vocal ensembles, vocal physiology and literature for training voices from beginning to advanced levels.

MUSI 4435 - (Name of Instrument) Pedagogy and Literature. 1-0-3.
Prerequisite: MUSI 2222.
Pedagogical methods, techniques, physiology and literature in the principal performance concentration area.

MUSI 4471 - Composition III. 1-0-2.
Prerequisite: MUSI 3372 and permission of instructor.
Individually tailored instruction is utilized for the development of music composition skills by writing in traditional and 20th century styles in both small and large forms and for a variety of media.

MUSI 4472 - Composition IV. 1-0-2.
Prerequisite: MUSI 4471 and permission of instructor.
Individually tailored instruction is utilized for the development of music composition skills by writing in traditional and 20th century styles in both small and large forms and for a variety of media.

MUSI 4473 - Composition V. 2-0-2.
Prerequisite: MUSI 4472.
Individually tailored instruction is utilized for the development of music composition skills by writing in traditional and 20th century styles in both small and large forms and for a variety of media.

MUSI 4480 - Research for Senior Recital. 1-0-1.
Prerequisite: Senior standing in applied performance.
A research project based on the literature to be presented in the senior recital. Analysis of the literature. Program notes to be drawn from research and analysis.

MUSI 4490 - Special Topics in Music. 1-3.
Prerequisite: Approval of instructor and department chair.
Selected special topics of interest to faculty and students.

MUSI 4495 - Senior Seminar in Music. 0-2-1.
Prerequisite: Completion of applied studies and completion of 90 hours of course work and permission of instructor and capstone committee one semester prior to registration.
A capstone course designed to complete the major by integrating the student's prior academic, theoretical and applied experiences in music. Students fulfill projects in areas of musical performance, lecture presentations, creative work, scholarly documents, pedagogy or arts advocacy.

NURS: Nursing

NURS 3209 - Theoretical Basis for Holistic Nursing & Health. 4-6-6.
Prerequisite: Admission to BSN program; ENGL 1102, MATH 1107, BIOL 2222, BIOL 2261, SCI CORE, SOCI 2105, PSYC 3305. BIOL 3317.
The first nursing course is designed to introduce the student to the philosophical and theoretical basis for professional nursing in primary and secondary care settings. The student is encouraged to be self-assessing, self caring, and self directive. Emphasis is on the six processes of nursing, self care requisites, and holistic health. Learning experiences are provided in the Nursing Learning Resource Center, KSU's Wellness Center and selected primary and secondary care settings.

NURS 3302 - Professionalism and Ethics in Nursing. 3-0-3.
Prerequisite: NURS 3209; NURS 3309; BIOL 3317
Corequisite: Corequisites: NURS 3303; NURS 3313.
Students analyze historical, contemporary, and global perspectives on the role of nursing in society, and on professional nursing roles within the context of contemporary health care delivery systems. Primary emphasis is on the ethical and legal foundations of nursing, including exploration of common ethical and legal dilemmas encountered at the beginning and end of life, as well as in everyday nursing encounters. In addition, students develop communication skills essential to collegial nursing practice and to collaborative roles within interdisciplinary health care teams. Students apply and critique selected models of ethical decision-making, and explore their utility for nursing practice and for assuming responsibility and accountability for nursings' ethic of care and commitment to client advocacy.

NURS 3303 - Clinical Pharmacology for Nurses. 3-0-3.
Prerequisite: NURS 3209 or registered nurse status.
An introduction to fundamental pharmacologic principles and their application. The nursing process approach will provide the theoretical base for the knowledge and skills needed to safely administer medications.

NURS 3309 - Health Assessment. 2-3-3.
Corequisite: NURS 3209 or registered nurse status, permission of instructor.
Introduction to basic interviewing and physical assessment techniques involved in the process of health assessment of clients. Emphasis is placed on recognition of normal findings, and common deviations association with pathologies.

NURS 3313 - Adult Health Nursing. 3-9-6.
Prerequisite: NURS 3209, NURS 3309 BIOL 3317.
Corequisite: NURS 3301, NURS 3303.
Application of the processes of nursing to commonly encountered problems of middle-aged and elderly adults.

NURS 3314 - Mental Health Nursing. 2-3-3.
Prerequisite: NURS 3209, NURS 3301, (or corerequisite with accelerated program status) NURS 3303, NURS 3309, NURS 3313, (or corequisite with accelerated program status), BIOL 3317.
Application of the processes of nursing to commonly encountered mental health problems across the lifespan.

NURS 3318 - Parent-Child Nursing. 3-9-6.
Prerequisite: NURS 3209, NURS 3301, NURS 3313, NURS 3303, BIOL 3317.
Application of the processes of nursing to commonly encountered problems of young adults in the childbearing years, and newborns, children, and adolescents.

NURS 3320 - Concepts of Professional Nursing. 3-0-3.
Prerequisite: Admission to the BSN program.
Corequisite: NURS 3309.
This courses focuses on the integration of the unique components of professional nursing from Level II and Level III nursing courses for

students who have previously completed an RN program. Successful completion of NURS 3320, 3303, and 3309 entitles the student to exemption credit for NURS 3209, 3302, 3313, 3314, 3318, and 4414. May be taken once.

NURS 3396 - Cooperative Study. 1-3.
Prerequisite: Approval of chair.
A supervised work experience program for a minimum of two academic semesters at a site in a health care agency. Work experience is combined with seminars conducted at intervals during the semester. For senior level students who wish to obtain on the job experience in conjunction with their academic program. Credit is allowed only in elective areas.

NURS 3398 - Internship in Health Care. 1-3.
Prerequisite: Approval of chair.
A supervised work experience program for one academic semester in a health care agency. Work experience is combined with seminars conducted at intervals during the semester. For students who wish to obtain on the job experience in conjunction with their academic program. Credit is allowed only in elective areas.

NURS 4000 - Service Learning in Nursing. 1-3.
Prerequisite: 60 hours and permission of instructor and chair/program director.
A community activity which links learning to life by connecting meaningful community service activities with academic learning, personal growth, and civic responsibility. Activity will be designed with the instructor and approved by the chair/program director.

NURS 4400 - Directed Study in Nursing. 1-3.
Prerequisite: Approval of instructor and chair.
Selected topics external to regular course offerings, which may include original research projects.

NURS 4402 - Nursing Research for Evidence-based Practice. 3-0-3.
Prerequisite: NURS 3209 or registered nurse status, MATH 1107.
This course prepares students to understand the role of research in evidence-based practice in nursing and healthcare. Students learn to locate, appraise, and integrate reliable sources of evidence based on models of evidence-based practice as a scholarly endeavor.

NURS 4403 - Project Development for Nurses. 3-0-3.
Prerequisite: NURS 4402 or RN status.
This course guides students in undertaking the task of identifying, planning, and effectively proposing an independent project or investigation. A full written proposal, including substantive review of literature, is required.

NURS 4412 - Community Health Nursing. 2-9-5.
Prerequisite: NURS 3313, NURS 3314, NURS 3318 (or corequisite with accelerated program status), or NURS 3320.
Application of the processes of nursing to commonly encountered health problems of families within the community.

NURS 4414 - Complex Health Nursing. 3-0-3.
Prerequisite: NURS 3313, NURS 3314, NURS 3318 (or corequisite with accelerated program status), NURS 4412.
Application of the processes of nursing to individual clients and their families. The focus is on individual clients who are experiencing complex health problems.

NURS 4416 - Leadership in Nursing. 3-0-3.
Prerequisite: NURS 4414.
Designed to develop the leadership skills necessary for the beginning practice as a registered nurse. Focuses on the role of the nurse as part of the larger health care delivery system, with emphasis on the development of leadership and management skills useful in delivery of high quality, client focused care. Topics include client care/case management, budgetary management, development of teamwork, roles of health care providers and health care coordinators, integration of community health care systems, and health program development and evaluation.

NURS 4417 - Advanced Clinical Practicum. 0-12-4.
Prerequisite: NURS 4414.
Designed to provide a precepted clinical experience for the non-licensed and registered nurse student. Provides an opportunity to practice under the guidance and supervision of a preceptor, and assume the role of the

professional nurse in a variety of settings. For the registered nurse student it provides an opportunity to practice in a new area or develop new clinical skills. The course focuses on the role of the professional nurse as care provider, communicator, teacher, leader and manager of care for a group of clients, and as a consumer of research that is applicable to individual clients and groups of clients. An appropriate clinical project demonstrates application of principles of nursing care and/or organizational development.

NURS 4418 - Advanced Clinical Project. 0-12-4.
Prerequisite: NURS 4403, NURS 4412, RN status. Corequisite: NURS 4416.
Designed to develop leadership skills in the student who is a registered nurse and has experience in delivery of clinical care. The course focuses on the role of the professional nurse as care provider, communicator, teacher, leader and manager of care for a group of clients, and as a leader and manager in health care organizations. The practicum experience will focus on application of skills related to health care organizations, provider networks, information systems, or community organizations. A project that is mutually negotiated with the health care organization provides the framework and direction for the student's activities.

NURS 4420 - Ethical Issues in Nursing. 3-0-3.
Prerequisite: Completion of 60 hours or approval of instructor. Corequisite: NURS 4416.
Exploration of the ethical issues affecting current and future nursing practice and health care delivery.

NURS 4422 - Women and Health. 3-0-3.
Prerequisite: Permission of instructor.
This course is designed to introduce students to a wide range of health issues affecting women across the life span. Women's health issues and problems as they are influenced by physiological, psychological, economic, cultural, emotional and social factors will be reviewed. The course will focus on topics such as the politics of women's health care, the reproductive system and its relation to the allopathic treatment of women, fertility control and reproductive alternatives. Issues of mental health, substance use and abuse, violence and aging will be examined.

NURS 4423 - International Health Policy. 3-0-3.
Prerequisite: Completion of 60 hours or permission of instructor.
Designed to serve a variety of students who are interested in international or global health policy issues. Beginning with an historical overview of global health, the course progresses through the developmental levels of countries and people, incorporating a macro and microanalysis, and considering cultural, social, economic, political, environmental, demographic, biological, technological and ethical issues which impact international health policy.

NURS 4424 - Advances in Cardiovascular Nursing. 3-0-3.
Prerequisite: NURS 3313 or RN.
The purpose of the course is to provide students with an in depth knowledge of cardiovascular nursing, including, assessment, diagnostic tests, complications and medical and nursing management. Students will be given an opportunity to participate in selective observational and simulated experiences related to cardiovascular problems.

NURS 4425 - Nursing as Caring. 3-0-3.
Prerequisite: Junior level or permission of instructor.
Designed to explore the multiple perspectives of caring as the foundational science of nursing. Developing a personal meaning of caring will be emphasized as it relates to caring for self, caring for others, and caring as a member of the nursing profession.

NURS 4426 - Nursing Practicum in Oaxaca. 3-0-3.
Prerequisite: Sophomore nursing status plus one Spanish course or fluency in Spanish from any other source.
This course is designed for nursing students or practicing nurses to work within the Oaxaca, Mexico Department of Public Health Clinics, live with a local family, receive daily Spanish conversational tutoring from faculty from the University of Oaxaca, and learn about Spanish culture.

NURS 4427 - Laying the Foundations for Technological Competence. 3-0-3.
Corequisite: NURS 3313 or NURS 3320
Designed to promote technological familiarity in nursing with emphasis placed on the nursing management of clients with specialized equipment. Detailed in-services will b be conducted at selected agencies and utilization of the Nursing Learning Resources Center will be employed to provide the learner with the opportunity to have hands on practice with high tech modalities.

NURS 4428 - Survivorship: The Cancer Model. 3-0-3.
Prerequisite: Junior status or permission of faculty.
This course will introduce students to the growing phenomenon of cancer survivorship. Issues related to medical care, quality of life, economics, political influences, genetic implications, access to health care and adaptation for the cancer survivor will be explored. This is an elective course, which augments and enhances the basic oncology concepts of the curriculum, and exposes the student to new ways of thinking about cancer survivors.

NURS 4429 - Disaster/Emergency Preparedness. 3-0-3.
Prerequisite: NURS 3313 or RN status.
This course is designed to enhance emergency and disaster preparedness for students by providing knowledge and training in preparedness, mitigation, response, and recovery.

NURS 4432 - Nursing in Faith Communities. 3-0-3.
Prerequisite: NURS 3313 or RN-BSN status.
This nursing elective provides a basic overview of the role and responsibilities of the nurse working in faith communities. The student will gain an understanding of meeting, managing, and promoting the health of persons in faith communities that address models of faith community nursing, diverse faith traditions, persons with special health care needs, legal and ethical issues, strategies and techniques to meet health and spiritual needs across the life span, and developing inter-collegial support systems.

NURS 4440 - Palliative and End of Life Care. 3-0-3.
Prerequisite: NURS 3313 or RN status.
This course is an exploration of the physical, psychological, social, spiritual, and ethical issues surrounding care of persons in need of comfort, palliation, and excellent end-of-life care. The course employs the End of Life Nursing Education Consortium standards and guidelines as a framework for learning.

NURS 4490 - Special Topics in Nursing. 1-3.
Prerequisite: Consent of the instructor.
Selected special or currents topics of general interest to nursing faculty and students.

PAX: Peace Studies

PAX 3780 - Trends in Peace Studies. 3-0-3.
Prerequisite: ENGL 1101.
This course focuses on current issues, trends, and activism in the field of Peace Studies. The course is interdisciplinary and includes international content in English. Course may be repeated with a change in content.

PAX 4400 - Directed Study in Peace Studies. 3-0-3.
Prerequisite: ENGL 1102.
Directed Study in Peace Studies. Covers special topics and seminars of an advanced nature and external to regular course offerings.

PAX 4490 - Special Topics in Peace Studies. 3-0-3.
Prerequisite: ENGL 1101.
A study of selected special topics of interest to faculty and students. Course may be repeated with a change in content.

PAX 4499 - Seminar in Peace Studies. 3-0-3.
Prerequisite: PHIL 3303 and completion of 60 credit hours.
A seminar course for the Peace Studies Minor that integrates students' prior coursework with the field of peace studies. Working in a collaborative manner, students design their own capstone learning projects in consultation with faculty.

PHIL: Philosophy

PHIL 2100 - Values and Society. 3-0-3.
Prerequisite: ENGL 1101
The course is a philosophical examination of contemporary values and their place within society from a global perspective, focusing on issues of global inequality, cultural relativism, and the question of a global ethic.

PHIL 2110 - Religions of the World. 3-0-3.
Prerequisite: ENGL 1102.
The course is a study of selected world religions with concentration on the origin and major periods of the conceptual, scriptural and doctrinal development of these religions. Some topics include the nature and identity of religious experience, hermeneutics, mysticism, religious practice, and the place of religion in contemporary society.

PHIL 2200 - Ways of Knowing. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099, if required; ENGL 1101 recommended.
A philosophical, critical examination of the different ways of knowing and thinking in the humanities, natural sciences, and social sciences including ethical and religious perspectives. Emphasis is on the nature and purpose of philosophical inquiry as applied to selected issues within philosophy and the broader implications of these methods and questions for other disciplines and in everyday contexts.

PHIL 2300 - Logic. 3-0-3.
Prerequisite: ENGL 1101 and MATH 1101 (or equivalent).
The course is an introduction to deductive logic with focus on the theoretical and practical aspects of categorical propositions and syllogisms, truth function logic, the method of natural deduction, and predicate logic.

PHIL 3000 - Ancient and Medieval Philosophy. 3-0-3.
Prerequisite: ENGL 1102.
The course is a study of the topics, problems and doctrines of ancient and medieval western philosophers including the pre-Socratics, Plato, Aristotle, Augustine and Aquinas.

PHIL 3010 - Modern Western Philosophy. 3-0-3.
Prerequisite: ENGL 1102.
The course is a study of the topics, problems and doctrines of modern western philosophers beginning with Descartes and concluding with Kant.

PHIL 3020 - American Philosophy. 3-0-3.
Prerequisite: ENGL 1102.
The course is a study of major topics and philosophers in the United States from the colonial period through the twentieth century including Jefferson, Emerson, Royce, DuBois, James, and Dewey.

PHIL 3030 - Existentialism. 3-0-3.
Prerequisite: ENGL 1102.
A study of Existentialism and Phenomenology including their historical roots in the nineteenth century, their major exponents of the late nineteenth and early twentieth centuries, and their impact on philosophy, literature, and other academic disciplines.

PHIL 3100 - Ethics. 3-0-3.
Prerequisite: ENGL 1102.
The course is a study of the major approaches to ethical thought and the applicability of these approaches to selected issues in the humanities, sciences, and professional areas including business, medicine, and education.

PHIL 3110 - Social and Political Philosophy. 3-0-3.
Prerequisite: ENGL 1102.
The course is a survey of the foundational figures and texts in the history of social and political philosophy, with focus on the concepts of freedom, obligation, authority, power, legitimacy, and social differences in the forumaltion of the purpose and foundation of political society.

PHIL 3120 - Philosophies of Peace. 3-0-3.
Prerequisite: ENGL 1101.
Philosophies of Peace introduces students to the texts, figures, movements, theories, and practices in the study of peace from western and non-Western perspectives. Some figures may include Tolstoy, Gandhi, and Thoreau. Selected topics include just war theory, positive and negative peace, nonviolence, and art and peace.

PHIL 3130 - Feminist Philosophy. 3-0-3.
Prerequisite: ENGL 1102.
The course is a study of the main currents of feminist philosophy including criticisms of traditional philosophical paradigms and new frameworks for approaching the diversity of human experience.

PHIL 3200 - Asian Philosophy. 3-0-3.
Prerequisite: ENGL 1102.
The course is a survey of the major texts, figures, and schools in the philosophies of India, China, and Japan. Texts include the Vedas, Upanishands, Analects, and Zhuangzi. Major figures include Shankara, Patanjali, Confucius, Mencius, Dogen, and Nishida.

PHIL 4000 - Nineteenth Century Western Philosophy. 3-0-3.
Prerequisite: ENGL 1102.
The course is a survey of post-Kantian thought in continental Europe and/or the Anglo-American world with focus on the concepts of critique, history, modernity, idealism, and the significance of the human sciences. Figures may include Mill, Hegel, and Marx.

PHIL 4010 - Contemporary Western Philosophy. 3-0-3.
Prerequisite: ENGL 1102.
The course is a study of major movements in twentieth century western philosophy including positivism, pragmatism, phenomenology, philosophy of language and post-modernism and of the impact of these philosophical movements on other areas including the arts, sciences and politics.

PHIL 4200 - Indian Philosophy. 3-0-3.
Prerequisite: ENGL 1102
The course is a study of important texts, schools, and figures of the Indian philosophical and cultural tradition. Texts include the Vedsa, Upanishads, Bhagavad-Gita, and Yoga Sutras. Figures include Buddha, Mahavira, Patanjali, Sankara, Ramakrishna, Aurobindo, and Gandhi.

PHIL 4210 - Classical Chinese Philosophical Tradition. 3-0-3.
Prerequisite: ENGL 1102.
The course is a study of the representative thinkers and schools in the Chinese philosophical and cultural tradition starting in the classical period. Important figures include Confucius, Zhuangzi, Mencius, Sunzi, and Huananzi.

PHIL 4220 - Japanese Philosophy. 3-0-3.
Prerequisite: ENGL 1102.
The course is a survey of Japanese philosophical thought from ancient times to the present, including its cultural, religious, ethical, and aesthetic dimensions. While providing a broad overview of the development of Shinto, Confucianism, and Buddhism in the Japanese context, the course also examines the contributions of contemporary Japanese thinkers to world thought.

PHIL 4400 - Directed Study. 1-3.
Prerequisite: Approval of instructor and department chair prior to registration.
Special topics of an advanced nature not in the regular course offerings.

PHIL 4450 - Major Figures in Philosophy. 3-0-3.
Prerequisite: At least two upper division courses in philosophy or permission of instructor.
An in-depth examination of a major figure in philosophy from the early pre-Socratics to contemporary figures such as Irigaray and including non-Western figures. Course may be repeated if the course content is different.

PHIL 4460 - Major Themes in Philosophy. 3-0-3.
Prerequisite: At least two upper division courses in philosophy or permission of instructor.
An in-depth examination of a major theme in the history of philosophy. Topics may include time, justice, love and friendship, beauty, materialism, aesthetics, epistemology, and metaphysics. Course may be repeated if the course content is different.

PHIL 4490 - Special Topics in Philosophy. 1-3.
Prerequisite: ENGL 1102.
A study of selected topics within philosophy.

PHIL 4499 - Senior Seminar. 3-0-3.
Prerequisite: Permission from instructor; PHIL 4450 or 4460, with "C" or better.
The course is a combined tutorial and seminar in which students research and write a senior thesis in addition to making a computer-based presentation in class.

PHYS: Physics

PHYS 1111 - Introductory Physics I. 3-3-4.
Prerequisite: C or better grade in MATH 1113 or MATH 1112.
The introductory physics sequence (PHYS 1111 and PHYS 1112) is a survey of the primary fields of physics: mechanics, electromagnetism, optics, thermodynamics, and modern physics. Elementary algebra and trigonometry will be used in the course, with laboratory exercises supplementing the lecture material. The first course of the sequence will focus on the field of classical mechanics and its applications.

PHYS 1112 - Introductory Physics II. 3-3-4.
Prerequisite: C or better grade in PHYS 1111.
The introductory physics sequence (PHYS 1111 and PHYS 1112) is a survey of the primary fields of physics: mechanics, electromagnetism, optics, thermodynamics, and modern physics. Elementary algebra and trigonome-

try will be used in the course, with laboratory exercises supplementing the lecture material. The second course of the sequence will focus on the field of electromagnetism and its applications.

PHYS 2211 - Principles of Physics I. 3-3-4.
Prerequisite: C or better grade in MATH 1190.
The Principles of Physics sequence (PHYS 2211 and PHYS 2212) is a survey of the primary fields of physics: mechanics, electromagnetism, optics, thermodynamics, and modern physics. Elementary calculus will be used in the course, with laboratory exercises supplementing the lecture material. The first course of the sequence will focus on the field of classical mechanics and its applications.

PHYS 2212 - Principles of Physics II. 3-3-4.
Prerequisite: C or better grade in PHYS 2211.
The Principles of Physics sequence (PHYS 2211 and PHYS 2212) is a survey of the primary fields of physics: mechanics, electromagnetism, optics, thermodynamics, and modern physics. Elementary calculus will be used in the course, with laboratory exercises supplementing the lecture material. The second course of the sequence will focus on the field of electromagnetism and its applications.

PHYS 3100 - Classical Mechanics and Applications. 3-0-3.
Prerequisite: C or better in MATH 2202 and PHYS 2212 (or equivalent).
This course provides a modern coverage of topics in classical mechanics, including a deeper understanding of the dynamic laws and a focus on connections to other topics in physics and to real life applications of the topics. Topics include a review of Newton's laws of motion which is followed by an examination of conservation laws in physics, Newton's theory of gravitation, the two-body central force problem, the Lagrangian and Hamiltonian frameworks, and a study of simple harmonic motion and oscillations. Connections with other fields of physics and to applications are made when appropriate to broaden, deepen, and strengthen students' physical insights and understanding.

PHYS 3300 - Analysis of Physical Systems. 3-0-3.
Prerequisite: C or better grade in MATH 2202; PHYS 1112 or 2211.
An examination of the mathematical tools used across different fields of physics combined with their application to specific problems selected from areas such as classical mechanics and electromagnetism. Practical physics problems will illustrate the use of vectors, matrices, differential equations, complex variables, probability and error analysis.

PHYS 3305 - Physics of the Micro World and the Cosmos. 3-0-3.
Prerequisite: C or better grade in MATH 2202; PHYS 2212 or equivalent.
This course focuses on topics in non-classical physics. The students will be exposed to the main ideas of 20th and 21st century physics. Special relativity will be covered in some detail and the broad ideas of general relativity will be introduced. The framework of quantum mechanics will be presented and applications to the study of the atom and nucleus will be made. More recent advances in particle physics and cosmology will be described. Connections with other fields of physics and to applications to real life and technology are made when appropriate to broaden, deepen, and strengthen students' physical insights and understanding.

PHYS 3310 - How and Why - The Physics in Everyday Life. 3-0-3.
Prerequisite: C or better grade in any core lab science sequence.
This course focuses on fundamental physics concepts, including mechanics, optics, electricity and magnetism, and how we can use them to explain "how and why" everyday systems work. Students will build devices and conduct hands-on activities that illustrate these concepts and demonstrate how we can use these concepts to explain the operation of common technologies such as household appliances, communication systems, transportation systems, television, radio, computers and the electrical power system. Physics 3310 is taught at a level appropriate for the general audience. Students with credit in PHYS 1111/1112 or PHYS 2211/2212 should not take this course without permission of the instructor.

PHYS 3311 - Concepts of Modern Physics. 3-0-3.
Prerequisite: C or better grade in any core lab science sequence.
A look at quantum mechanics (the physics of the very small) and relativity (the physics of high speeds and high energies) for the general audience. The puzzles of modern physics and some philosophical implications will be

considered. Topics will include the wave-particle problem, the uncertainty principle, time dilation, and why the speed of light is the "speed limit" for the universe. The strong experimental evidence supporting these (seemingly) strange and paradoxical ideas will also be discussed.

PHYS 3312 - Concepts of Optics. 3-0-3.
Prerequisite: C or better grade in any core lab science sequence.
A survey of optics and its applications for the general audience. Topics will include the nature of light, optical instruments and methods, color perception and depth perception. Techniques of color reproduction will be examined in areas such as photography, printing, art, color TV, and computer graphics. The course will include the fundamentals of optical systems such as holography, photography, microscopy and fiber optics. Emphasis will be on the applications of optical principles.

PHYS 3340 - Electronics. 3-2-4.
Prerequisite: C or better grade in PHYS 1112 or 2212.
The primary objective of this course is to present the fundamental principles of analog and digital electronic circuitry and their application to modern technology. The course will begin with basic DC and AC circuits with resistors, inductors and capacitors. Next the p-n junction will be discussed and its use in diodes and transistors, with a particular emphasis on applications for signal processing. The course will finish with the development of logic gates and flip-flops and their use in digital electronics. This course will serve the student in the understanding of basic workings of instruments as well as everyday electronic devices. The lab involves hands-on work with both analog and digital electronic components.

PHYS 3400 - Electricity & Magnetism with Applications. 3-0-3.
Prerequisite: C or better in MATH 2202 and PHYS 2212 (or equivalent).
The primary objective of this course is to present the experimental and theoretical basis of the principles of electricity & magnetism and their application in everyday phenomena and devices. The course will begin with the concept of an electric field and will develop the idea of electric potential energy differences. Application to conductor, capacitors and simple electric circuits will be discussed. Lastly unification of electricity and magnetism will be established through the Theory of Special Relativity and will culminate in the derivation of the electromagnetic waves equation from Maxwell's Equations. To underscore all of the conceptual developments of the course electromagnetic phenomenon will be further explored in the natural world in both terrestrial and astrophysical contexts.

PHYS 4400 - Directed Study. 1-4.
Prerequisite: Approval of instructor, major area committee and Biology/Physics Department Chair prior to registration.
Special topics of an advanced nature that are not in the regular course offerings.

PHYS 4490 - Special Topics in Physics. 1-4.
Prerequisite: Varies as to topic.
Selected special topics of general interest to the faculty and students.

POLS: Political Science and International Affairs

POLS 1101 - American Government in a Global Perspective. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099, if required.
Examination of the institutions and processes of American government and Georgia State government. Global comparisons are made between the governments of the U.S. and other modern nation-states.

POLS 2212 - State and Local Government. 3-0-3.
Prerequisite: POLS 1101.
This course is a general survey of state and local government; recent and current trends.

POLS 2240 - Introduction to Comparative Politics. 3-0-3.
Prerequisite: POLS 1101.
An introduction to the comparative approaches for the study of politics, focusing on patterns of development and change in contemporary political systems.

POLS 2250 - Introduction to International Relations. 3-0-3.
Prerequisite: POLS 1101.

This course provides an introduction to the study of international relations. Sources of international order, conflict and war, determinants of foreign policy, global actors and the dynamics of political interaction between nation-states are examined.

POLS 2260 - Current Political Issues. 3-0-3.
Prerequisite: POLS 1101.
This course exposes students to critical contemporary political and government related issues and provides some context and background. It ties the various issues to subfields of political science. Domestic-international linkage is emphasized.

POLS 2270 - Political Ideologies. 3-0-3.
Prerequisite: POLS 1101.
Emphasizes the political development and application of contemporary ideologies such as nationalism, capitalism, socialism, democracy, Marxism, conservatism, liberalism, feminism, communitarianism, fascism, liberation movements, and others.

POLS 2280 - Research Methods. 3-0-3.
Prerequisite: POLS 1101; MATH 0099 if required.
An introduction to the empirical methods in social science research. It provides the student with a working knowledge of the design, implementation and evaluation of social science research.

POLS 3300 - U.S. Constitution and Courts. 3-0-3.
Prerequisite: POLS 1101.
This course provides an overview of American law. The course covers the basic design and structures of the United States court system, trial and appellate legal process, and Constitutional law basics including governmental powers and civil rights and liberties.

POLS 3313 - Public Policy Analysis. 3-0-3.
Prerequisite: POLS 1101.
Introduction to public policy analysis using data and methodological approaches as well as political and social inputs into the policy process. Analysis of policy outcomes.

POLS 3315 - American Constitutional Law: Federalism. 3-0-3.
Prerequisite: POLS 1101 and POLS 3300.
An introduction to legal resources for law-related courses and to problems that demonstrate the effective utilization of legal research and reference tools in a manner designed to meet the needs of the student in both law and non-law fields. An understanding of legal rules is necessary for scientists, archaeologists and other professionals.

POLS 3320 - Legal Research. 3-0-3.
Prerequisite: POLS 1101.
The constitutional powers and limitations of national legislative, executive and judicial branches are examined. The course includes analyses of the constitutional relationship of these political institutions to each other and to the states.

POLS 3340 - Legal Analysis. 3-0-3.
Prerequisite: POLS 3300.
This course involves students in the processes of reasoning objectively and arguing persuasively within a socio-legal framework. Set against a background of formal and informal logic that guides reasoning in general, the course is primarily concerned with the reasoning underlying the construction of legal arguments from judicial, legislative, and scholarly points of view. Theoretical analysis is illustrated by investigating and writing about the law, with an emphasis on topics related to crime.

POLS 3343 - Principles of Public Administration. 3-0-3.
Prerequisite: POLS 1101.
The methods and procedures of governmental administration and the control of public bureaucracies in democratic societies.

POLS 3350 - American Foreign Policy. 3-0-3.
Prerequisite: POLS 1101.
This course explores the conduct, substantive policy issues and problems associated with American foreign policy. The contemporary aspects and problems evolving out of and confronted by America's foreign policy are emphasized.

POLS 3360 - The United States Congress. 3-0-3.
Prerequisite: POLS 1101.
Presents an in-depth treatment of the origins, development, operation of the U.S. Senate and House of Representatives.

POLS 3370 - The United States Presidency. 3-0-3.
Prerequisite: POLS 1101.
Examines the historical development of the presidency, the constitutional powers, the personalities, the roles and the relationship with other governmental entities.

POLS 3380 - Mass Media and Politics. 3-0-3.
Prerequisite: POLS 1101.
Examines the role of the mass media in society. Emphasis is placed on the media's role in the social, legal and political processes in the United States, as well as other democratic and nondemocratic countries.

POLS 3385 - Campaigns and Elections. 3-0-3.
Prerequisite: POLS 1101.
An in-depth look at the process of selecting governmental leaders in the United States. Includes a segment on foreign elections.

POLS 3388 - Lobbying and Interest Groups. 3-0-3.
Prerequisite: POLS 1101.
This course familiarizes students with public sector lobbying and the role of interest groups in a democratic society. The processes, procedures, and techniques of lobbying government entities will be examined in depth, as well as the issue concerns and persuasion strategies of interest groups. The course will focus on applied learning, and will help prepare students for employment in professional political environments.

POLS 3390 - Political Research On-Line. 3-0-3.
Prerequisite: POLS 1101.
This course will help students become familiar with and adept at using on-line resources to perform political and governmental research. Students will be coached on using Internet tools and processes to improve their ability to find and use political and governmental information. Students will be assessed on their proficiency in on-line political research.

POLS 3394 - Public Polling and Survey Techniques. 3-0-3.
Prerequisite: POLS 1101.
This course introduces students to the techniques and uses of polls and surveys in political science and public policy. Students will learn the art of questionnaire design, questionnaire construction, sampling, data collection, coding, and analysis. Students will learn the basics of telephone survey techniques and focus group moderation for the purposes of collecting information. Class projects may include the construction and implementation of a survey, reading and critiquing existing surveys and questionnaires. Quantitative and qualitative approaches will be examined.

POLS 3396 - Cooperative Study. 1-3.
Prerequisite: POLS 1101; approval of Department Chair and Coordinator of Cooperative Education/Internship - Career Services.
A supervised work experience program in business, industry or government. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

POLS 3398 - Internship. 1-12.
Prerequisite: POLS 1101; approval of Department Chair and Department Internship Coordinator.
A supervised, credit-earning work experience with a previously approved business firm, private agency or government agency. Students must make application with the Internship Coordinator before the end of the semester prior to the semester in which the internship is planned.

POLS 4000 - Practicum in Political Science and International Affairs. 1-9.
Prerequisite: POLS 1101; 60 hours and permission of instructor and department chair/program director.
A pre-approved service and/or experiential activity that occurs domestically or internationally and links meaningful community service or cultural immersion with academic learning, personal growth, and civic or global responsibility. The activity may be part of a preexisting volunteer program, NGO project, or international exchange or it may be individually designed with the instructor and approved by the chair. Students will be expected to keep a reflective journal and prepare a presentation that demonstrates learning objectives.

POLS 4100 - Directed Applied Research. 1-3.
Prerequisite: Consent of the instructor and department chair, and POLS 2280 or ACCT 2100 or ECON 2300.
This course will offer students an opportunity to investigate political science-oriented concepts and issues by participating in faculty-supervised research or scholarship. Course content and instructional methodologies will be determined by the student and faculty member. The amount of work expected per student will be based on the number of assigned credit hours.

POLS 4400 - Directed Study. 1-3.
Prerequisite: POLS 1101; approval of Instructor, Advisor and Department Chair prior to registration.
Covers special topics and seminars external to regular course offerings.

POLS 4402 - Political Parties. 3-0-3.
Prerequisite: POLS 1101.
Examines the nature, structure and functions of political parties in differing national cultural contexts with particular attention to the electoral activity of political parties in the United States.

POLS 4405 - Comparative Legal Systems. 3-0-3.
Prerequisite: POLS 1101 and POLS 3300.
An examination of the ways in which the courts and the law in different countries affect public policy. The source and methods utilized in different legal systems (both democratic and nondemocratic) as transforming agents of society and/or means for maintaining order within it are explored.

POLS 4410 - American Legal System. 3-0-3.
Prerequisite: POLS 1101 and POLS 3300.
POLS 4410 is designed to be a capstone to the political science legal studies concentration. Potential topics include the structure and function of the U.S. legal system, as well as criminal justice and alternative dispute resolution, judicial behavior, and the connection between law and society.

POLS 4411 - Criminal Law. 3-0-3.
Prerequisite: POLS 1101 and POLS 3300.
An examination of those areas in which the U.S. Constitution affects criminal justice. Emphasis on understanding the role of the Supreme Court of the United States in interpreting provisions of the Constitution that affect criminal justice. An attempt to understand the content of important decisions in this area as well as the reason given by the Court for decisions.

POLS 4412 - Urban Affairs and Problems. 3-0-3.
Prerequisite: POLS 1101.
Emphasis on the changing patterns of local and municipal governments and politics, impact of reapportionment and other problems generated by an urbanized society.

POLS 4415 - Civil Liberties. 3-0-3.
Prerequisite: POLS 1101 and POLS 3300.
An intensive study of the rights of Americans as guaranteed by the Constitution. The changing character of civil liberties problems in the United States will be stressed with attention given to the legal, historical and political context of the cases studied.

POLS 4416 - Law and Gender. 3-0-3.
Prerequisite: POLS 1101 and POLS 3300.
POLS 4416 examines the relationship between law and gender in the United States, from the New Deal Era to the present day. Topics include how gender impacts the legal regulation of employment, education, reproduction, family life, and constitutional rights. Additionally, the course examines how women participate in the legal system as attorneys, judges, and mediators.

POLS 4420 - Judicial Process. 3-0-3.
Prerequisite: POLS 1101 and POLS 3300.
Courts and judges as agents in the political system; focus is on the judicial decision-making process, with attention to psychological and other variables in that process. Relation of judicial process to legislative, administrative and electoral processes emphasized.

POLS 4423 - Great Political Thinkers. 3-0-3.
Prerequisite: POLS 1101.
A survey of classical, medieval, and modern political thinkers and their political thoughts. It discusses their impacts on the development of political processes and institutions.

POLS 4427 - American Political Thought
3 Class Hours 0 Laboratory Hours 3 Credit Hours
Prerequisite: POLS 1101.
This course explores the diverse spectrum of

American political thinking from the pre-revolutionary period to the present. Beginning with colonial discourse, this comprehensive review captures the depth and distinctiveness of American thought as expressed by and through the writings and actions of philosophers, politicians, radicals, and revolutionaries.

POLS 4430 - International Law and Organization. 3-0-3.
Prerequisite: POLS 2250.
This course examines the system of law governing relations between nation-states, and the roles and functions of international organizations. It explores the conventional international law in the areas of diplomacy, territorial questions and armed conflicts, as well as the developing regimes in trade and human rights. In addition, the course examines the structures and functions of some contemporary organizations in the security and economic areas and evaluates their performance and contribution.

POLS 4431 - Politics of International Terrorism. 3-0-3.
Prerequisite: POLS 1101.
A study of the history and tactics of modern terrorism as well as efforts by modern government to counteract them.

POLS 4433 - European Union Politics. 3-0-3.
Prerequisite: POLS 1101.
This course explores the politics and policy-making processes of the European Union (EU). It is divided into three parts. The first part addresses the history of European integration and the major theories utilized to explain its origins, evolution and operation. The second part of the course examines the structures and processes that constitute the machinery of EU policymaking. The third part of the course examines the politics of policy-making in an array of issue areas, including the single market, the Euro, and external trade policy. We also examine various noneconomic policy areas such as foreign and security policy.

POLS 4435 - Comparative Foreign Policy. 3-0-3.
Prerequisite: POLS 1101.
A study of governmental formulation and conduct of foreign policy, focusing on major foreign policy issues that dominate the contemporary world.

POLS 4436 - Politics of Developing Areas. 3-0-3.
Prerequisite: POLS 2240 or POLS 2250.
This course confronts the patterns of development of governmental institutions and use of political processes in meeting the problems of the emerging nations of Asia, Africa, Latin America and the Middle East.

POLS 4437 - Global Security. 3-0-3.
Prerequisite: POLS 2250.
This course explores the primary threats to international security in the 21st century and examines the response of national governments, the United Nations, and regional international organizations in meeting the challenges posed by those threats.

POLS 4438 - Politics of International Economic Relations. 3-0-3.
Prerequisite: POLS 2250 and ECON 2200.
An exploration of the fundamental questions about government and policies, about market systems and about relations between the two.

POLS 4444 - Administrative Practices and Organization. 3-0-3.
Prerequisite: POLS 1101.
Problems of personnel, finance, administrative law, and the growth and significance of administrative legislation and adjudication.

POLS 4446 - Governmental Budgeting. 3-0-3.
Prerequisite: POLS 1101.
This course is designed to introduce undergraduate students to the role of budgeting in the governmental process. Budgetary actors, their motivations, their stakes and their behaviors are investigated. Students examine the legislative process of the budget and budgetary implementation. Students are introduced to cutback management, funding mandates and other current issues in governmental budgeting.

POLS 4451 - Politics and Government in Post-Communist Europe. 3-0-3.
Prerequisite: POLS 1101.
This course explains the collapse of communist rule in the former Soviet Union and in Eastern Europe. It introduces the contemporary political institutions and processes of Russia, Ukraine, Belarus, Poland, Hungary, the Czech Republic and other key countries of the region. The course uses a comparative approach and develops country profiles to

assess the varied degrees of success in achieving stable multiparty democracy. It examines the widely divergent strategies for meeting the severe economic, environmental, social and political challenges confronting these countries during this difficult and volatile transitional era.

POLS 4452 - Politics of the Pacific Rim. 3-0-3.
Prerequisite: POLS 1101.
The course is designed to acquaint students with political institutions and processes of China, Japan and Korea. Particular emphasis will be placed on analysis of the relations of these countries with the United States on selected issues of contemporary relevance.

POLS 4453 - Latin America: Democracy and Development. 3-0-3.
Prerequisite: POLS 1101.
Examines contemporary socio-political and economic characteristics as well as political institutions needed to understand the countries of Latin America. Two important themes (democracy building and development) will form the central focus of this course. Driving forces which facilitate and/or hinder the Latin American quest for political stability and economic development will also be examined. These include political parties, labor and peasant movements, economic elites, religious organizations and the military. The role and influence of the United States on Latin American politics will also be examined.

POLS 4454 - Politics of the Middle East. 3-0-3.
Prerequisite: POLS 1101.
This course examines contemporary socio-political and economic characteristics needed to understand the many countries of the Middle East/North Africa. The role of Islam, the Gulf war, the quest for development, the Palestine issue, and democracy versus authoritarianism are themes which will be covered in the course. In addition, a "country profile" approach will also be used. This course examines key countries and studies their political structures in detail.

POLS 4455 - International Relations of Africa . 3-0-3.
Prerequisite: POLS 1101.
This course examines the international relations of African states within a conceptual context, with particular reference to Africa's position in the global political economy. It covers both intra-African relations and African relations with the outside world. The main purpose is an attempt to understand African external politics in order to deal with them, by analyzing past practices and projecting new trends.

POLS 4456 - International Environmental Policy. 3-0-3.
Prerequisite: POLS 1101.
An examination of the basic elements of environmental policy making in the international arena. The course highlights current issues such as tropical rain forests, the "Global Commons" concept, biodiversity and endangered species. Policy approaches will draw upon examples from specific countries as well as policy developed within international organizations such as the United Nations.

POLS 4457 - South Asian Politics: A Comparative Perspective. 3-0-3.
Prerequisite: POLS 2240.
This course is an overview of the main issues that overlay politics in Sri Lanka, Bangladesh, India, and Pakistan. It covers the common historical background and the development of political institutions across the region. The course highlights the main cleavages along which politics are organized and related political, social, and economic outcomes, including the political party system, economic development, social movements, and ethnic conflict.

POLS 4465 - Mock Trial. 1-0-1.
Prerequisite: POLS 1101.
An examination of the American trial process. The overall purpose of the course is to enhance knowledge of the American adversarial process. Students who take the course may qualify for selection to teams for state, regional and national competition. Course may be taken three times for credit with permission of the instructor.

POLS 4466 - Trial Procedure and Evidence. 3-0-3.
Prerequisite: POLS 1101.
POLS 4466 enhances students' knowledge of the adversary process. Students learn and apply the basics of trial procedure and evidence through an in-depth trial simulation. Students who complete this course are eligible to compete on KSU's intercollegiate mock trial team.

POLS 4470 - Alternative Dispute Resolution. 3-0-3.
Prerequisite: POLS 1101.
A survey of the theory and methods of alternative dispute resolution and conflict management, with simulation in facilitation, mediation and negotiation. Basic skills will be taught.

POLS 4480 - Practicum in Alternative Dispute Resolution. 2-2-3.
Prerequisite: POLS 4470; permission of Program Coordinator.
A capstone course designed to meet the Alternative Dispute Resolution Certificate Program by integrating the students' prior training in alternative dispute resolution in on-site applied settings and in on-campus seminars. Students will be given applied experiences in selected public or private organizations in the community or in campus-related programs to make use of their ADR training.

POLS 4490 - Special Topics in Political Science. 3-0-3.
Prerequisite: POLS 1101; approval of Instructor and Department Chair.
Selected special topics of interest to faculty and students.

POLS 4499 - Senior Seminar. 3-0-3.
Prerequisite: Satisfactory completion of 18 hours of upper-division major and/or concentration-related requirements; at least 9 hours of which must be political science courses meeting the upper-division major requirement.
This capstone course is designed to complete the major by integrating the problems, research and theories from the divergent specialty areas of the Political Science curriculum. The course will focus on both the theoretical and empirical concerns, as well as the interconnectedness among the various Political Science specialty areas.

PSYC: Psychology

PSYC 1101 - Introductory Psychology. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099, if required.
This course is an introduction to the scientific study of human behavior. A brief historical account of the discipline of psychology and an introduction to the scientific method serve as the foundations of the course. In addition to the biological bases of behavior, basic principles of the psychological processes of human development, learning, diversity, social interaction, sensation and perception, thinking, memory, and personality are presented. An overview of psychological disorders and treatment is also provided.

PSYC 2105 - Social Issues: Perspectives in Psychology. 2-0-2.
Prerequisite: ENGL 0099 and READ 0099, if required.
This course provides students with the knowledge and tools necessary to critically examine world social issues from the social science perspective of psychology. The discipline of psychology studies behavior and mental processes. The course emphasizes both the use of scientific methodology in the investigation of social issues and the implications of the results for individuals and society.

PSYC 2110 - Interacting Effectively in a Diverse Society: Psychological Approaches. 3-0-3.
Prerequisite: None.
Constructive interaction with people from multiple identity groups is a critical skill in our modern global society. However, most Americans have little background or training for productive multicultural interaction. This course will draw on the extensive work in social psychology and multicultural counseling to enhance student self-awareness and skill in interacting with those from a wide range of backgrounds. Coursework will involve readings from both psychology and literature, viewing of relevant films, and participation in experiential learning exercises and dialogues.

PSYC 2210 - Careers in Psychology. 3-0-3.
Prerequisite: PSYC 1101; declared psychology major.
This course focuses on career planning and development issues for psychology majors. Using a combination of lecture, readings, and exercises, students will be exposed to information designed to assist in the clarification, selection, and pursuit of a career in psychology or a related field. Topics will include an overview of the undergraduate major in psychology, career options in psychology and related fields, preparation for employment with a bachelors degree, preparing for and succeeding in graduate school, and applying for a job or to a graduate school.

PSYC 2258 - Psychology of Adjustment. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099, if required.
The dynamics of normal and maladaptive adjustment, including the study of appropriate and inappropriate reactions to frustration and stress; resolution of conflicts, fears and anxiety; building emotional stability and preventing mental illness.

PSYC 2300 - Research Methods in Psychology. 3-0-3.
Prerequisite: PSYC 1101; ENGL 1101; MATH 1101, 1111, 1112, or 1113.
This course is designed as an introduction to methods and statistics used in psychological research, emphasizing non-experimental methodologies including observation, correlational research, surveys, archival research, and quasi-experimental and ex post facto designs. Topics will include an introduction to the scientific method, an overview of experimental design, and an emphasis on measurement and error, experimental control, descriptive statistics, statistical inference, scientific writing, and ethical issues in non-experimental research.

PSYC 2300L - Research Methods in Psychology Laboratory. 0-2-1.
Prerequisite: PSYC 1101; ENGL 1101; & MATH 1101, 1111, 1112, or 1113. Corequisite: PSYC 2300L.
Laboratory course designed to apply topics taught in PSYC 2300 (Research Methods in Psychology).

PSYC 3301 - Experimental Psychology. 3-0-3.
Prerequisite: PSYC 2300 and PSYC 2300L. Corequisite: PSYC 3301L.
This course will focus on experimental designs used in laboratory research in psychology. Topics will include hypothesis testing, independent-group and within-subjects designs, complex designs, and statistical analysis using t-tests and the Analysis of Variance. Emphasis will be on the selection of appropriate designs for different research questions, data collection, data analysis, the interpretation of results, and writing laboratory reports.

PSYC 3301L - Experimental Psychology Laboratory. 0-2-1.
Prerequisite: PSYC 2300 and PSYC 2300L. Corequisite: PSYC 3301.
Laboratory course designed to apply topics taught in PSYC 3301.

PSYC 3305 - Life-Span Developmental Psychology. 3-0-3.
Prerequisite: PSYC 1101
Human development from conception to death, emphasizing biological, cognitive, emotional, social and personality development. Scientific approaches for studying developmental psychology will stress the importance of research methodology and research findings across the life-span. Theories of development and applications to real-world problems will provide a context for understanding how humans change during the life-cycle.

PSYC 3310 - Psychopharmacology. 3-0-3.
Prerequisite: One 3000-level psychology course.
This course addresses how psychoactive drugs work in the central nervous system to affect behavior. Stimulants, depressants, hallucinogens, analgesics and psychotropic drugs will be discussed primarily in terms of their pharmacological action in the brain. Substance abuse and treatment disorders will be addressed from a biological perspective.

PSYC 3320 - Leadership and Group Dynamics. 3-0-3.
Prerequisite: PSYC 1101 or PSYC 2105.
Theory and application of psychological knowledge regarding group formation, group process, and leadership. Issues are examined in the context of ongoing intensive group discussion. Experiential activities will be included in the course to provide students with opportunities to apply and observe the group process.

PSYC 3325 - Social Psychology. 3-0-3.
Prerequisite: PSYC 2300 and PSYC 2300L.
This course examines how people's thoughts, feelings, and behaviors are shaped by the social environment. Topics include interpersonal attraction, affiliation, aggression, prejudice, conformity, attitudes, persuasion, social cognition, altruism, self-presentation, social perception, and group behavior. Experimental research findings are emphasized.

PSYC 3335 - Theories of Personality. 3-0-3.
Prerequisite: PSYC 2300 and PSYC 2300L.
This course surveys classic and current theories of personality that represent several of the major perspectives in psychology (e.g., psychoanalytic, biological, developmental, behavioral, humanistic, cognitive, sociocultural), highlighting the contributions of each theory to personality description, assessment, research, therapy, and application.

PSYC 3340 - The Psychology of Family Interaction: A Developmental Perspective. 3-0-3.
Prerequisite: PSYC 1101 or PSYC 2105.
An in-depth coverage of the psychological dynamics involved in parent/child relationships. A developmental approach will be employed to explore the changing needs and demands of the child and the parents as each progress in their own development. Current research and theory concerning parenting techniques, the psychological atmosphere of the home and the interaction of the child's temperament with the parents will be discussed. Contemporary family issues such as daycare, domestic violence, single parenting and children with special needs will be presented.

PSYC 3355 - Cross-Cultural Psychology. 3-0-3.
Prerequisite: PSYC 1101.
An overview of the study and application of psychological principles from a global cultural perspective, including Asian, African, European and North and South American cultures. Topics such as cognition, attitude structure and change, interpersonal communication, personality and mental health will be discussed in the contexts of different cultural orientations in the world, and both between and within-group differences and similarities will be discussed.

PSYC 3365 - Human Sexuality. 3-0-3.
Prerequisite: PSYC 1101 or PSYC 2105.
An examination of the biological, personal, interpersonal and social aspects of human sexual behavior. Topics include: sexual values, sex and gender, sex and love, sexual behavior over the life span, reproduction, sex and health, sexual dysfunction and treatment, and social problems/issues related to sexual behavior.

PSYC 3370 - Industrial-Organizational Psychology. 3-0-3.
Prerequisite: PSYC 1101 or PSYC 2105.
The application of research and psychological principles to human behavior in the workplace. Course topics will include the psychological aspects of employment selection and assessment, performance appraisal, employee and work team development, reorganization and downsizing, work stress, employee violence, work/family conflict, and the changing nature of the workplace.

PSYC 3375 - Psychology of Career Development. 3-0-3.
Prerequisite: PSYC 1101 or PSYC 2105.
The application of research and psychological principles with respect to how people formulate and make career decisions. The course explores career development across the life-span, focusing on theories of career decision making, work adjustment, adult career crises and transitions, and career counseling interview and assessment techniques.

PSYC 3380 - Principles of Psychological Testing. 3-0-3.
Prerequisite: PSYC 2300 and PSYC 2300L.
Designed to introduce the principles that underlie the development, use and interpretation of psychological assessment tools. Topics include: test construction, survey development, scaling, norming, assessment interpretation issues and psychological assessment applications in industrial, vocational, clinical and research settings. Additionally, psychological assessment will be discussed in terms of social, legal and ethical concerns.

PSYC 3385 - Ethnic Minority Psychology. 3-0-3.
Prerequisite: PSYC 1101.
This course will provide an overview of the study and application of ethnic minority psychology. We will examine concepts and issues that pertain to ethnic minority groups in the United States, particularly the following four groups: African Americans, Asian Americans, Hispanic Americans, and Native Americans. Topics for discussions are: multicultural theory and research, history, cultural values, identity, developmental and family issues, mental health and other relevant issues that are pertinent to the experiences of the abovementioned four ethnic minority groups in the United States. The course will be conducted with a combination of lectures, class discussion, guest speakers, group activities, student presentations, videos, etc.

PSYC 3425 - Psychology of Gender. 3-0-3.
Prerequisite: PSYC 1101 or GWST 3000.
This course examines gender issues from a psychological perspective. Topics include the social construction of gender, gender and personality development, sex role socialization, and a critical examination of the research on gender differences. The ways in which gender intersects with other aspects of identity (e.g., race, ethnicity, class, sexual orientation) are examined. Scientific research findings are emphasized.

PSYC 4345 - Learning and Behavior. 4-0-4.
Prerequisite: PSYC 3301 and PSYC 3301L.
This course offers an introduction to the various learning mechanisms that influence the establishment, maintenance, and/or reduction of behaviors in both humans and nonhuman animals. The course focuses on linking processes and theories of classical and operant conditioning to everyday behaviors.

PSYC 4400 - Directed Study in Psychology. 1-3.
Prerequisite: PSYC 2300 and PSYC 2300L, approval of instructor and department chair.
This course is offered to students interested in investigating special topics and seminars external to regular course offerings. May include original research projects. A maximum of 6 hours of PSYC 4400 may be used towards satisfying the upper division major requirements. A maximum of 9 hours of PSYC 4400 is permitted overall.

PSYC 4410 - Physiological Psychology. 4-0-4.
Prerequisite: PSYC 2300 and PSYC 2300L.
This course addresses the relationship between our underlying physiological systems and behavior. The topics investigated include neural communication, the anatomy of the nervous system, and the biological bases of sleep, reproductive behavior, stress, learning and memory, and mental disorders.

PSYC 4415 - Perception. 4-0-4.
Prerequisite: PSYC 2300 and PSYC 2300L.
The subject matter of the course includes the physical properties of stimuli, the psychological methods of investigating perception, the anatomy and physiology of the sense organs, the central processing of stimuli, and demonstrations or laboratory investigations of sensory phenomena.

PSYC 4420 - Ethics and Professional Issues in Applied Psychology. 3-0-3.
Prerequisite: One psychology 3000-level course.
A critical analysis of professional issues and the ethical standards in the practice of psychology. Traditional and emerging practice areas will be discussed. Topics such as licensure, prescription drug privileges, managed care, and treatment efficacy research will be explored. Ethical standards and decision-making will be studied in the context of professional practice.

PSYC 4430 - Abnormal Psychology. 3-0-3.
Prerequisite: One psychology 3000-level course.
A comprehensive study of the various forms of mental illness and maladjustment.

PSYC 4440 - Clinical and Counseling Psychology: Science and Practice. 3-0-3.
Prerequisite: One 3000-level psychology course.
The course provides an introduction to the science and practice of clinical and counseling psychology from integrated perspectives. History, major theories, and scientific underpinnings are covered, as well as current developments in practice and research. Major topics include research design, theoretical models, diagnostic and assessment methods, psychotherapeutic interventions, treatment effectiveness, specialization, and training. The course may emphasize clinical or counseling psychology at the discretion of the instructor.

PSYC 4445 - History and Systems of Psychology. 3-0-3.
Prerequisite: One psychology 3000-level course.
An examination of the historical development of psychology, focusing on antecedents in philosophy and physiology, major early systems, major historical figures, and the historical/cultural context in which the field developed.

PSYC 4455 - Cognitive Psychology. 4-0-4.
Prerequisite: PSYC 3301 and PSYC 3301L.
An examination of the experimental investigation of complex cognitive processes, including the storage and retrieval of information, concept formation, reasoning, problem-solving and decision making.

PSYC 4475 - Psychology of Workplace Motivation and Leadership. 3-0-3.
Prerequisite: One psychology 3000-level course.
This course examines topics of motivation and leadership in the workplace by addressing theoretical formulations, major research findings and real-world applications. Issues

related to these topics will include gender, corporate culture, job attitudes, cross-cultural influences and organizational reward systems.

PSYC 4480 - Field Practicum in Psychology. 3-0-3.
Prerequisite: PSYC 3301 and PSYC 3301L, declared major in psychology, GPA at least 3.0 overall and in psychology, completion of two placement-related courses, submit an application before registration, and approval of department faculty and permission of the instructor.
The psychology practicum offers the advanced psychology major an opportunity to combine appropriate supervised field experience with classroom discussion of site-specific and general issues related to the application of psychological theory. Course structure combines 100 hours of supervised on-site experience with weekly class sessions.

PSYC 4485 - Research Practicum in Psychology. 3-0-3.
Prerequisite: PSYC 3301 and PSYC 3301L, declared major in psychology, GPA at least 3.0 overall and in psychology, submit an application before registration, and approval of department faculty and permission of the instructor.
This course is for students seeking additional experience in applied research settings combining in-class instruction and individual placement either on or off campus. Students who seek employment in a research setting upon graduation or are interested in attending graduate school and wish to obtain additional experience in research techniques should select this course.

PSYC 4490 - Special Topics in Psychology. 3-0-3.
Prerequisite: One psychology 3000-level course.
This course will address selected topics of special interest to faculty and students.

PSYC 4499 - Senior Seminar in Psychology. 3-0-3.
Prerequisite: PSYC 3301, PSYC 3301L, and one course from each of the five psychology course areas (any one of the five psychology course areas can be completed concurrently with PSYC 4499).
A capstone course designed to complete the major by integrating the student's prior academic experiences in psychology. Contemporary issues, problems, research, and theories from the different areas identified in the psychology curriculum will be examined. Discussion will focus on both substantive and methodological concerns, as well as interconnections among areas of study. A seminar format will be used throughout the course to encourage student participation and interaction with peers and with faculty

RE: Real Estate

RRE 3400 - Principles of Real Estate. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100, permission of the Coles College of Business.
Students are introduced to the principles of real estate analysis and utilization. Subjects include the nature of real property; the legal instruments involved in real property transactions; market analysis and the determinants of real estate values; the appraisal process; investment and financial analysis; and the public policy aspects of real estate planning and utilization.

RE 4500 - Real Estate Finance. 3-0-3.
Prerequisite: Business Majors: Sophomore GPA Requirement and FIN 3100; Non-business Majors: 60 credit hours including FIN 3100 and permission of the Coles College of Business.
Examines the principles and procedures of real estate appraisal, the transfer process for property, and financing methods for residential and commercial real estate. Studies the income and cost of developing and managing real property and analyzes real estate as an investment.

READ: Reading

READ 0020 - Principles of Reading for the Regents' Test. 3-0-3.
Prerequisite: None.
Instruction and review for the Regents Test with emphasis on critical reading skills, vocabulary, and test-taking strategies. Required of students who have failed the reading portion of the test.

READ 0099 - Reading for Academic Purposes. 3-0-3.
Prerequisite: Placement by COMPASS Examination, by the Admissions Office or by the Department of Learning Support Programs.
A Learning Support Programs course that prepares the student for credit courses that require sophisticated reading and study strategies. Emphasizes comprehension strategies, vocabulary development, textbook mastery, note taking and learning strategies.

RGTE/RGTV: Regents Skills

RGTE 0199 - Regents' Writing Skills. 3-0-0.
Prerequisite: None.
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 own writing skills so that they are able to write an essay meeting the Regents' criteria.

RUSS: Russian

RUSS 1001 - Introduction to Russian Language and Culture I. 3-0-3.
Prerequisite: ENGL 0099 and READ 0099 if required.
Introduction to the Russian language and culture, stressing progressive acquisition of effective communications skills in both the written and spoken language and an understanding of the practices and products of the culture being studied. Not open to native speakers of Russian.

RUSS 1002 - Introduction to Russian Language and Culture II. 3-0-3.
Prerequisite: RUSS 1001.
Introduction to Russian language and culture, part II, stressing continued, progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of Russian culture. Not open to native speakers of Russian.

RUSS 2001 - Intermediate Russian Language and Culture I. 3-0-3.
Prerequisite: RUSS 1002.
Builds upon acquisition of communication skills begun in high school. The student will continue to develop proficiency in listening, speaking, reading and writing and learn to communicate in culturally appropriate ways. Not open to native speakers of Russian.

RUSS 2002 - Intermediate Russian Language and Culture II. 3-0-3.
Prerequisite: RUSS 2001.
Students continue to increase linguistic and cultural proficiency through the use of a variety of materials and activities. Not open to native speakers of Russian.

SA: Study Abroad

KSU offers study abroad opportunities in a wide variety of countries and disciplines. All study abroad courses, whatever their discipline or level of study, are listed as SA courses for purposes of registration and administration. Full course titles appear on students' transcripts. Computer numbers necessary for registration in SA courses are communicated to students by letter after they have been accepted into a study abroad program and paid a deposit. For more information, contact the Institute for Global Initiatives, Humanities 201, (770)423-6336.

SA 2290 - Lower-division Study Abroad
Prerequisite: Varies with discipline and subject.
Lower division study abroad course denoting freshman, sophomore level work.

SA 4400 - Study Abroad Directed Study
Prerequisite: Approval of the instructor and department chair prior to registration.
Available for all disciplines.

SA 4490 - Upper-division Study Abroad
Prerequisite: Varies with discipline and subject.
Upper division study abroad course denoting junior, senior level work.

SCED: Science Education

SCED 4000 - Service Learning in Science Education. 1-3.
Prerequisite: 60 hours and permission of instructor and department chair/program director.
A community activity which links learning to life by connecting meaningful community service activities with academic learning, personal growth, and civic responsibility. Activity will be designed with the instructor and approved by the chair/program director.

SCED 4498 - Internship in Teaching Science (6-12). 0-36-12.
Prerequisite: Provisional teaching license issued by State of Georgia, full-time employment teaching science, and permission of science education advisor.
Student Teaching experience in science for provisionally certified teachers. Supervision

will be in collaboration with a mentor-teacher in the local school and a specialist in science education. This internship will automatically substitute for SCED 4475. Proof of professional liability insurance is required. Student is responsible for their own school placement.

SCI: Science

SCI 1101 - Science, Society, and the Environment I. 3-2-4.
Prerequisite: ENGL 0099, READ 0099, MATH 0099, if required.
This course is the first in a two part sequence that fulfills the general education science requirement. Using the context of environmental issues it introduces students to the basic nature of matter, energy, and living systems and to the nature of science. Emphasis is placed on making decisions about scientific issues. Science 1101 is not designed for science majors and is not a prerequisite for introductory courses in biology, chemistry, or physics.

SCI 1102 - Science, Society and the Environment II. 3-0-3.
Prerequisite: SCI 1101 or its equivalent.
This course is the second in a two part sequence that fulfills the general education science requirement. Using the context of environmental issues, it introduces students to the basic skills and scientific understandings needed by educated citizens to make informed decisions about scientific issues.

SCI 3360 - Earth Science. 3-3-4.
Prerequisite: C or better grade in any core lab science sequence.
An introduction to basic earth science concepts and methodology (including geology, meteorology, and oceanography) will be covered. Special emphasis will be placed on dynamic Earth processes (plate tectonics, earthquakes, volcanism, climate, etc.) and their effects on the structure and composition of the landforms, oceans, atmosphere, and organisms. The lab component includes hands-on evaluation of a collection of Igneous, Metamorphic and Sedimentary rocks, topographic map analyses, spectral imaging and remote sensing, and modeling weather related phenomena.

SCI 3365 - Earth Watch: Examining Global Environmental Issues. 3-0-3.
Prerequisite: C or better grade in any core lab science sequence.
An examination of the integrative nature of environmental sciences; emphasis on human interactions with world environments. Discussions will focus on case studies, environmental problem-solving, and the development of a personal ecological ethic. Ecological principles of population, community, ecosystem and biosphere will be integrated in the case studies.

SCI 4700L - Applied Environmental Studies. 2-4-3.
Prerequisite: For Biology majors: GEOG 3700, C or better grade in BIOL 3370 and one other laboratory based course at the 3000/4000 level; for Chemistry majors: GEOG 3700 and C or better grade in CHEM 3700; for Geography majors: GEOG 3700 and any two of the following GEOG 3305, 3315, 4405, or 4410; for all other majors: SCI 1101, SCI 1102, "C" or better grade in SCI 3360; POLS 4456 and GEOG 3700.
An interdisciplinary, field-based, capstone course. Students will apply skills learned in previous courses in a team-based project. The experience will be documented in an environmental assessment report describing the land and aquatic systems in terms of use, conditions (chemical, biological, physical), economic impact, environmental policy and management.

SED: Secondary Education

SED 2220 - Internship. 3.
Prerequisite: Approval of director of Center for Education Placement and Partnerships and advisor.
A practicum in a classroom during which the student will be actively involved in the teaching-learning process under the guidance of a professional teacher.

SED 3398 - Internship. 1-12.
Prerequisite: Permission of director of Center for Education Placements and Partnerships and advisor.
A supervised teaching experience for teachers seeking certification renewal credit.

SED 4400 - Directed Study. 1-3.
Prerequisite: Approval of instructor and department chair prior to registration.
A concentrated investigation of a particular aspect of education as a topic within a teaching field concentration or degree major. The content of the directed study will be determined jointly by the instructor and the student.

SED 4490 - Special Topics in Education
1-3 Credit Hours
Prerequisite: Approval of instructor and department chair.
Selected special topics of interest to faculty and students.

SOCI: Sociology

SOCI 2000 - Introduction to Gender Studies. 3-0-3.
Prerequisite: ENGL 1101 (with C or better).
This course examines the ways that women's and men's gender roles are shaped by social interaction. Using materials and learning approaches from multiple disciplines, students will explore questions about how individual and group expectations about gender behavior are created and sustained.

SOCI 2105 - Social Issues: Perspectives in Sociology. 2-0-2.
Prerequisite: ENGL 0099 and READ 0099.
This course provides students with the knowledge and tools necessary to critically examine world social issues from the social science perspective of sociology. The discipline of sociology focuses on how culture and social structure combine to shape the way humans live and how they define and solve their problems.

SOCI 2201 - Principles of Sociology. 3-0-3.
Prerequisite: READ 0099 if required.
This course is an overview of sociology which emphasizes the social nature of human behavior, including an introduction to culture, social structure, socialization, deviance, stratification, family, gender, religion, demography, and complex organization.

SOCI 2251 - Social Problems. 3-0-3.
Prerequisite: SOCI 2201.
An overview of current social problems facing American society with attention to developing insights into the conceptual analysis of meaningful solutions.

SOCI 2301 - Research Methods in Sociology. 3-0-3.
Prerequisite: SOCI 2201.
This course provides an introduction to concepts and techniques used in social science research. Students acquire a foundational understanding of research methods in sociology, learn how to link theory and data, and examine the ethical considerations required for social research.

SOCI 3300 - Foundations of Social Theory. 3-0-3.
Prerequisite: SOCI 2105 or 2201.
This course surveys the historical development of social theory. It emphasizes the major theories and theoreticians of sociology and their importance for understanding contemporary sociology.

SOCI 3301 - Qualitative Research Methods in Sociology. 3-0-3.
Prerequisite: SOCI 2301; SOCI 3300 (may also be taken concurrently).
Students learn the qualitative strategies used in sociology research methods, including ethnographic techniques applied in sociology, participant observation, in-depth interviewing, and content analysis. Students learn ethical implications of social research, and how to design a qualitative research study, develop interview guides, construct content analysis templates, conducts observations on the field, conduct interviews, code data, and analyze qualitative data. Students learn skills using software applications for data management and analysis and write a research proposal.

SOCI 3302 - Quantitative Research Methods in Sociology. 3-0-3.
Prerequisite: SOCI 2301; MATH 1107; SOCI 3300 (may also be taken concurrently)
This course examines the concepts and techniques used for quantitative research in sociology. Students learn to interpret, calculate, and critique the basic statistics used in quantitative methods in sociology. Students acquire the skills to use Statistical Package for Social Sciences (SPSS) computer program for managing and analyzing numerical data. Students learn the ethical implications of social science research and write a research proposal for a quantitative study.

SOCI 3304 - Social Organization. 3-0-3.
Prerequisite: SOCI 2201 .
An introduction to large scale social organizations, with an emphasis on bureaucracy. Examines both the formal and informal aspects of bureaucracy, including topics ranging from power and authority, to centralization and decentralization, red tape, and professionalism.

SOCI 3310 - Introduction to Gerontology. 3-0-3.
Prerequisite: SOCI 2201 or PSYC 1101.
Introduction to the multi-disciplinary field of gerontology which provides an overview of the sociology, psychology, and the physiology of aging. Students will consider research and theories of aging as well as participate in field trip experiences in gerontological settings. A key goal is to develop a more realistic perception of the aging process.

SOCI 3314 - Race and Ethnicity. 3-0-3.
Prerequisite: SOCI 2201 or permission of instructor.
A survey of racial and ethnic relations, concentrating on the American experience. Stress is placed on the dynamics of prejudice and discrimination, and assimilation versus pluralism, including discussions of multiculturalism, bilingualism, and affirmative action.

SOCI 3320 - Exploring the Aging Network. 3-0-3.
Prerequisite: SOCI 2201 or PSYC 1101.
The class explores through field trips and speakers the range of services and programs that relate to aging in the Atlanta region and rural Georgia. The goal is to immerse students in the aging network so that they develop contacts, resources and knowledge for use in the family as well as work settings. The grade for the course will be based on attendance at field trips, online discussion and a paper related to the student's major, career path, and personal goals for the course.

SOCI 3324 - Sociology of Gender. 3-0-3.
Prerequisite: SOCI 2201.
This course examines gender as a major organizing principle in society and explores the ways in which gender intersects with other types of social differentiation including race, sexuality, social class, and nationality. The course also explores the implications of changes in family, economic, and political structures related to gender and their impact on equality in contemporary society.

SOCI 3333 - Technology and Society. 3-0-3.
Prerequisite: SOCI 2105 or 2201 or ANTH 2105 or 2201.
This course will examine the interaction between scientific and technological development and social development, social structure and social issues.

SOCI 3334 - Religion and Society. 3-0-3.
Prerequisite: SOCI 2201 or ANTH 2201.
Examination of religion as a social institution in historical, comparative, and contemporary terms. World religions and new religious movements are studied as sociocultural processes involving the need to know, to deal with problems and to adapt to change.

SOCI 3344 - Biotechnology and Social Change. 3-0-3.
Prerequisite: SOCI 2105 or SOCI 2201 or permission of instructor.
Modern biotechnology, a revolutionary innovation in science, is having major transforming effects on society. It is impacting the dinner table, agriculture, health and medicine, industrial processes, reproduction and has far-reacting implications for other areas of social life. This course is designed to examine the multiple manifestations of biotechnology and their social change implications. The course begins by locating the biotechnology revolution in the broader socio-historical context within which it is emerging, and explores its links to the new knowledge based economy. The course then focuses on the examination of the ways in which the development and application of biotechnology in its various manifestations are transforming the cultural and institutional character of modern societies. This will include an examination of social, ethical/moral and legal/legislative issues and their impact on policy.

SOCI 3354 - Social Class and Mobility. 3-0-3.
Prerequisite: SOCI 2201.
Examination of social class and hierarchy in America. Issues in empowerment, equality, styles of life, and the nature of poverty and social mobility will be highlighted.

SOCI 3360 - Sociology of Violence. 3-0-3.
Prerequisite: CRJU 1101 and SOCI 2105 or SOCI 2201.
This course examines the root causes and consequences of violent behavior exhibited by individuals in our society. Topics covered include the social and cultural contexts that breed violence, society's influence on specific crimes, and human social behavior.

SOCI 3364 - Sociology of the Family. 3-0-3.
Prerequisite: SOCI 2201.
Presents the institution of the family in historical and cross-cultural perspective, including an analysis of the American family system, its social structure and alteration, and its relation to other social institutions.

SOCI 3374 - Sociology of Occupations. 3-0-3.
Prerequisite: SOCI 2201.
An analysis of the contemporary occupations, with emphasis on large scale organizations, the structure of occupations and the nature of work.

SOCI 3396 - Cooperative Study. 1-3.
Prerequisite: Approval of coordinator of cooperative education (CAPS) and department chair.
A supervised work experience program for a minimum of two academic semesters at a previously approved site in business, industry, government or private agency. For sophomore, junior or senior level students who wish to obtain successive on the job experience in conjunction with their academic training.

SOCI 3398 - Internship. 1-12.
Prerequisite: 90 hours and SOCI 3304.
A structured off-campus experience in a supervised setting which is related to the student's major and career interests. Practical experience is combined with scholarly research in the topical area of the internship, under the guidance of an interdisciplinary faculty committee. Sites must be approved in advance of the semester of the internship. A departmental internship orientation session is scheduled at least once a semester.

SOCI 4200 - Drugs, Alcohol and Society. 3-0-3.
Prerequisite: SOCI 2201.
This course examines drug use and abuse, including alcohol. Specifically, it examines how different drugs affect the body, theories of drug use, the sociological context of drug use, the impact of drug use and abuse on society, drug treatment, drug use policies, drugs and the law, and the extent of drug use in our society and globally.

SOCI 4400 - Directed Study in Sociology. 1-3.
Prerequisite: Approval of instructor and department chair.
Covers special topics and seminars external to regular course offerings. May include original research projects and practicum experiences.

SOCI 4432 - Criminology. 3-0-3.
Prerequisite: CRJU 1101 or SOCI 2201.
An overview of theory and practice, the nature and cause of crime, and the etiology of criminal offenses and offenders.

SOCI 4434 - Emerging Social Issues in Africa. 3-0-3.
Prerequisite: SOCI 2201 or SOCI 2105 or permission of instructor.
As the twenty-first century unfolds Africa and its peoples are being engulfed by a series of social issues that are set to shape their collective futures. These interrelated social issues have important implications for Africa's social development and the attainment of enhanced quality of life for Africa and its peoples. Among the most relevant social issues are population growth, the state of health in the face of the AIDS epidemic, environmental change (e.g. desertification and loss of flora/fauna), food security/insecurity, political stability, public security, socio-cultural transformation resulting from globalization, and economic transitions. The central purpose of this sociological course is to examine the nature, patterns, sources and consequences of the identified social issues as well as potential remedies.

SOCI 4442 - Deviance and Social Control. 3-0-3.
Prerequisite: SOCI 2201.
A survey of the nature, causes, and consequences of deviant behavior. Provides an analysis of the problems of definition, identification, explanation, and social reaction to violations of institutional expectations. Presents techniques of social control.

SOCI 4443 - Medical Sociology. 3-0-3.
Prerequisite: SOCI 2201.
Provides an analysis of (1) the social processes affecting conditions of health and illness and (2) the cluster of social relationships and organizations that comprise the social institution of health. Emphasizes the sociocultural factors that influence definitions of health and illness, causes, preventions and treatments, cross-cultural and interclass comparisons of stress, delivery of health care, mental illness, death and dying, and health care professionals.

SOCI 4444 - Social Change and Modernization. 3-0-3.
Prerequisite: SOCI 2201.
The nature, types, and causes of social change; technological and sociocultural factors affecting processes of change. Innovation, diffusion, and the process of acceptance and rejection of change by social systems and social groups.

SOCI 4445 - Sociology of Mental Illness. 3-0-3.
Prerequisite: SOCI 2201 or PSYC 1101 or permission of instructor.
This course examines the social aspects of mental illness. Mental illness is not just a psychological or biological affliction. Because it is also, in part, socially created and controlled, the course is designed to help students understand who gets labeled "sick" and why. Included are a review of the social history of mental illness and an examination of the institutions assigned to manage it. Among the topics considered will be how mental disorder is defined and diagnosed, and how it is treated. Also considered will be the social factors that influence its severity and course. One of the questions addressed will be whether all "mental disorders" are "diseases." The applicability of a resocialization model to this issue will likewise be studied. Finally, the ethical aspects of all of these approaches will be considered.

SOCI 4464 - Population. 3-0-3.
Prerequisite: SOCI 2201.
An analysis of the size, growth, composition, distribution, and characteristics of the population with emphasis on application of demographic information to socioeconomic structure, and implications of population change.

SOCI 4490 - Special Topics in Sociology. 1-3.
Prerequisite: Approval of instructor and department chair.
Selected topics of interest to faculty and students.

SOCI 4499 - Senior Seminar in Sociology. 3-0-3.
Prerequisite: SOCI 2301, SOCI 3300.
This capstone course is designed to complete the major by integrating theory, research, and sociological issues from divergent specialty areas of the sociology curriculum. Students synthesize the material from previous sociology courses, highlighting the central importance of the intersecting impact of race, class, and gender. Students submit and present a final report.

SPAN: Spanish

SPAN 1001 - Introduction To Spanish Language and Culture I. 3-0-3.
Prerequisite: ENGL 0099 or READ 0099 if required.
Introduction to Spanish language and culture, stressing progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of Hispanic cultures. Not open to native speakers of Spanish.

SPAN 1002 - Introduction to Spanish Language and Culture II. 3-0-3.
Prerequisite: One year of high school Spanish or Spanish 1001 or the equivalent.
Introduction to Spanish language and culture, "Part II," stressing continued, progressive acquisition of effective communication skills in both the written and spoken language and an understanding of the practices and products of Hispanic cultures. Not open to native speakers of Spanish.

SPAN 2001 - Intermediate Spanish Language and Culture I. 3-0-3.
Prerequisite: Two years of high school Spanish or SPAN 1002 or the equivalent.
The student will continue to develop proficiency in listening, speaking, reading, and writing, and learn to communicate in culturally appropriate ways. Not open to native speakers of Spanish.

SPAN 2002 - Intermediate Spanish Language and Culture II. 3-0-3.
Prerequisite: Three years of high school Spanish or SPAN 2001 or the equivalent.
Students continue to increase linguistic and cultural proficiency through the use of a variety of materials and activities. Course will serve as a transition between intermediate and upper-level courses in Spanish. Not open to native speakers of Spanish.

SPAN 2030 - Spanish for Human Services. 3-0-3.
Prerequisite: One year of high school Spanish or PAN 1001 or the equivalent.
This course focuses on Spanish language and culture appropriate for working in the fields of Public and Social Services with Hispanics. Not open to native speakers of Spanish.

SPAN 2032 - Spanish for Health Professionals. 3-0-3.
Prerequisite: None.
This course focuses on Spanish language and culture appropriate for working with Hispanics in the medical field.

SPAN 2034 - Spanish for Criminal Justice. 3-0-3.
Prerequisite: One year of high school Spanish or SPAN 1001 or the equivalent.
This course focuses on Spanish language and culture appropriate for working in the fields of Criminal Justice with Hispanics. Not open to native speakers of Spanish.

SPAN 2290 - Special Topics. 3-0-3.
Prerequisite: Permission of Department Chair.
Special topics of interest at the intermediate level. Used primarily for studies abroad.

SPAN 3200 - Critical Reading and Applied Writing. 3-0-3.
Prerequisite: SPAN 2002 or the equivalent.
This course emphasizes skill development and refinement in the areas of critical reading and writing in Spanish. Designed to give students extensive experience in reading and writing in Spanish, the course focuses on the relationship between writing and reading, and on ways to improve one through the other.

SPAN 3302 - Practical Conversation. 3-0-3.
Prerequisite: SPAN 2002.
Stresses expansion of effective listening comprehension and speaking skills through culturally and linguistically appropriate activities.

SPAN 3303 - Grammar and Composition. 3-0-3.
Prerequisite: SPAN 2002.
General review of grammar through composition and other written activities, such as summaries, correspondence, descriptions, narration, literary analysis, and other rhetorical and culturally appropriate forms.

SPAN 3304 - Literature and Culture I. 3-0-3.
Prerequisite: SPAN 3200 and SPAN 3303.
An introduction to Hispanic literature and culture from the Middle Ages to 1850. Students examine literary and artistic movements as well as cultural issues of the period. Readings and discussion in Spanish.

SPAN 3305 - Literature and Culture II. 3-0-3.
Prerequisite: SPAN 3200 and SPAN 3303.
An introduction to Hispanic literature and culture from the 1850 to the present. Students examine literary and artistic movements as well as cultural issues of the period. Readings and discussion in Spanish.

SPAN 3398 - Internship. 1-9.
Prerequisite: SPAN 3302 AND SPAN 3303 or permission of instructor.
Supervised, credit earning work experience of one semester requiring use of Spanish in the work place. Prior approval by department coordinator and internship supervisor is required. No more than three semester hours may be applied toward the major.

SPAN 4400 - Directed Study. 1-3.
Prerequisite: SPAN 3302 AND SPAN 3303 or permission of instructor.
Covers special topics and seminars external to course offerings that allow a student to work individually with an instructor. Requires prior approval by instructor and department chair.

SPAN 4402 - Contemporary Culture. 3-0-3.
Prerequisite: SPAN 3304 or SPAN 3305.
An examination of the historical, social, and political contexts of the contemporary Hispanic experience through the analysis of different cultural representations such as film, media, plastic arts, music and literature. Readings and discussion in Spanish.

SPAN 4404 - Commercial Spanish
3 Class Hours 0 Laboratory Hours 3 Credit Hours
Prerequisite: SPAN 3302 AND SPAN 3303 or permission of instructor.
An in-depth study of business practices and the language of business that focuses on verbal and written communication as well as economic, social and political factors that are important to the conduct of business in the Spanish-speaking world.

SPAN 4434 - Topics in Language, Literature, and Culture. 3-0-3.
Prerequisite: SPAN 3304 and SPAN 3305.
An exploration of a period, movement or genre in literature, a topic in culture, or language-related issues. Topics are chosen for their significance and impact on Hispanic cultures. Course taught in Spanish.

SPAN 4456 - Advanced Grammar and Linguistics. 3-0-3.
Prerequisite: SPAN 3302 and SPAN 3303.
Advanced study of grammar from a linguistic perspective. Provides an overview of phonetics, phonology, morphology, and syntax. Exposes students to dialectical variations of the Spanish-speaking world. Stresses development of oral proficiency. Course taught in Spanish.

SPAN 4490 - Special Topics in Spanish. 3-0-3.
Prerequisite: SPAN 3302 AND SPAN 3303 or permission of instructor.
Special topics relevant to the study of Spanish-speaking societies.

SPAN 4499 - Senior Seminar. 3-0-3.
Prerequisite: SPAN 3304 and SPAN 3305 and permission of instructor.
A capstone course designed to synthesize and connect the student's prior academic experiences in the major and related fields of study. Students will prepare a reflective essay and a research paper to present to the faculty. Papers and presentation in Spanish.

STAT: Statistics

STAT 3010 - Computer Applications of Statistics. 3-0-3.
Prerequisite: MATH 1107 or CSIS 2300 or ECON 2300.
Introduction to the use of computer-based statistical software packages and applications in the analysis and interpretation of the data. Topics include both descriptive statistics and inference methods. Software packages include SAS, JMP, SPSS, Minitab, and EXCEL.

STAT 3120 - Statistical Methods I. 3-0-3.
Prerequisite: STAT 3010.
This course is designed to provide students with a foundation in statistical methods, including confidence intervals for population parameters, correlation, linear regression and hypothesis testing (F and T-tests for regression, chi-square for independence, 2 group and paired sample T-tests). These concepts are taught with heavy emphasis on statistical computing software and real world datasets. Students are expected to have a working knowledge of SAS, SPSS, and Minitab (satisfied through the pre-requisite of STAT 3010).

STAT 3125 - Biostatistics. 3-0-3.
Prerequisite: BIOL 2107 or CHEM 1212 or Permission of Instructor
In this course students use descriptive statistics and visual displays to describe data. They learn about some common population and sample distributions. They perform and analyze results of statistical inferences, including confidence intervals, correlation, linear regression, odds/risk ratios, and hypothesis testing (F and T-tests for regression, Chi-square for independence, 2 group and paired sample t-tests). Analyses are performed using MS-Excel. The student is required to select, analyze and interpret real life data for a project.

STAT 3130 - Statistical Methods II. 3-0-3.
Prerequisite: STAT 3120 or STAT 3125
Students will continue to build their foundation in statistical methods in this course beginning with review of t-tests. They will perform and analyze results of Wilcoxon Signed Rank and Rank Sum tests (Non-Parametric t-tests), ANOVA, Kruskal Wallis (Non-Parametric ANOVA), and Multiple Regression. These concepts will be taught with heavy emphasis on statistical computing software and real world datasets. Students will use at least two of the following statistical packages for analyses: SAS, Minitab, SPSS, JMP.

STAT 4120 - Applied Experimental Design. 3-0-3.
Prerequisite: STAT 3130.
Methods for constructing and analyzing designed experiments are the focus of this course. The concepts of experimental unit, randomization, blocking, replication, error reduction and treatment structure are introduced. The design and analysis of completely randomized, randomized complete block, incomplete block, Latin square, split-plot, repeated measures, factorial and fractional factorial designs will be covered. Statistical software, including SPSS, Minitab and SAS will be utilized.

STAT 4210 - Applied Regression Analysis. 3-0-3.
Prerequisite: STAT 3130.
Topics include simple linear regression, multiple regression models, generalized linear model, multicollinearity, qualitative predictor variables, model selection and validation, identifying outliers and influential observations, diagnostics for multicollinearity, and logistic regression and discriminant analysis.

STAT 4310 - Statistical Data Mining. 3-0-3.
Prerequisite: STAT 3130 or permission of instructor.
Data Mining is an information extraction activity whose goal is to discover hidden facts contained in databases, perform prediction and forecasting, and generally improve their performance through interaction with data. The process includes data selection, cleaning, coding, using different statistical, pattern recognition and machine learning techniques, and reporting and visualization of the generated structures. The course will cover all these issues and will illustrate the whole process by examples of practical applications. The students will use recent SAS Enterprise Miner software.

STAT 4330 - Applied Binary Classification. 3-0-3.
Prerequisite: STAT 4210.
Binary Classification is a heavily used concept in statistical modeling. Common applications include credit worthiness and the associated development of a credit risk score, fraud detection, the presence of a disease or the identification of manufacturing units which fail inspection. Students will learn how to use logistic regression, odds, ROC curves, and maximization functions to apply binary classification concepts to real-world datasets. This course will utilize SAS-software and students are expected to have a strong working knowledge of SAS.

STAT 4490 - Special Topics in Statistics. 3-0-3.
Prerequisite: STAT 3130.
Special topics of interest to faculty and students.

TPS: Theatre and Performance Studies

TPS 1107 - Arts in Society: Theatre and Performance. 3-0-3.
Prerequisite: ENGL 0099, READ 0099, if required.
Through an examination of the role of arts in society, and an in-depth study of selected theatre and performance events, this interactive course provides an understanding of the creative process and develops skills in creativity and critical analysis. Heightened perceptual abilities will be developed through class experiences and field visits to a variety of arts events in dance, music, and visual arts, as well as in theatre and performance. (Attendance at some events requires paid admission.)

TPS 1500 - Introduction to Theatre Studies. 3-0-3.
Prerequisite: TPS interest. ENGL 099, READ 0099, if required.
An introduction to theatre as a field of study and as an art form.

TPS 1600 - Introduction to Performance Studies. 3-0-3.
Prerequisite: TPS interest. ENGL 0099, READ 0099, if required.
An introduction to performance as a field of study and as an art form.

TPS 1713 - Stagecraft. 3-0-3.
Prerequisite: TPS interest. None.
Theoretical and practical work in theatre crafts including carpentry, properties, costumes, scene painting, stage lighting, and sound. Special attention will be given to safety precautions in each area.

TPS 2202 - Introduction to Acting. 3-0-3.
Prerequisite: Not available to declared TPS majors.
This course is an introduction to basic acting techniques. It is designed for non-Theatre and Performance Studies majors or those students who are considering a Theatre and Performance Studies major but are currently undeclared.

TPS 2203 - Acting I: Principles of Acting. 3-0-3.
Prerequisite: TPS interest. ENGL 0099, READ 0099, if required.
The theory and practice of the actor's craft.

TPS 2713 - Theatre Production. 0-6-2.
Prerequisite: TPS interest. None.
A study of the creative process of theatrical production from concept to performance. This course features the analysis of selected scripts as well as individually-designed production and/or performance assignments. Theatre and Performance Studies majors must complete TPS 2713 two times for a total of four hours credit.

TPS 3000 - Performing Literature. 3-0-3.
Prerequisite: TPS Major. TPS 1600.
The study of a variety of literary texts through solo and group performance. Students engage course topics through critical reading, written analysis, and embodied performance.

TPS 3050 - Applied Performance and Production. 0-4-1.
Prerequisite: TPS Major. TPS 2713.
This laboratory course focuses on the study, rehearsal, and performance or production for a Department of Theatre and Performance Studies production. This course may be repeated for upper division credit and can be used for applied professional sequence (APS) credit.

TPS 3093 - Performing Folktales and Fairy Tales. 3-0-3.
Prerequisite: TPS 1600 or ENGL 2110.
The study of folktales and fairy tales from world oral traditions through storytelling performance.

TPS 3094 - Performing Classical Myth. 3-0-3.
Prerequisite: TPS 1600 or ENGL 2110.
The study of Greek and Roman mythology through storytelling performance.

TPS 3193 - Performing World Myth. 3-0-3.
Prerequisite: TPS 1600 or ENGL 2110.
The study of world mythology through storytelling performance.

TPS 3194 - Performing Personal Narrative. 3-0-3.
Prerequisite: TPS 1600 or ENGL 2110.
The study of personal narratives through performance.

TPS 3200 - Voice and Articulation. 3-0-3.
Prerequisite: TPS 2203 or instructor approval.
This course is designed to help performers develop a healthy, expressive and flexible vocal technique equal to the demands of dramatic performance. Students learn to free their natural voices through physical exercises and by mastering the vocabulary of vocal mechanics. Breathing, posture, relaxation, and articulation are examined as key elements of voice and speech production.

TPS 3213 - Acting for the Camera. 3-0-3.
Prerequisite: TPS Major. TPS 3223.
An intermediate acting course applying acting techniques to the special demands of film and television.

TPS 3223 - Acting II: Intermediate Acting. 3-0-3.
Prerequisite: TPS Major, grade of "B" or better in TPS 2203.
An intermediate acting course applying and advancing the principles of Acting I to intermediate level stage challenges.

TPS 3243 - Acting III: Acting Styles. 3-0-3.
Prerequisite: TPS Major. TPS 3203, TPS 3223.
This course explores advanced topics in the art of stage acting. Emphasis is on period and genre styles. Theoretical studies will be combined with the performance of selected scenes and critical evaluations of peer and professional work. *This course may be repeated more than once for credit provided that the course content differs entirely from the previous offering.

TPS 3398 - Internship. 1-9.
Prerequisite: Approval of department chair.
A supervised, credit-earning work experience of one academic semester with a previously approved business firm, private agency, or government agency.

TPS 3400 - Performance Composition. 3-0-3.
Prerequisite: TPS Major. TPS 1600 or permission of instructor.
Course examines and applies various approaches for composing live performance events. Additionally, students research and analyze a wide range of performance texts as inspiration for composing and mounting their own performances. Finally, the course culminates in a final presentation of student works.

TPS 3403 - Play Analysis for Production. 3-0-3.
Prerequisite: TPS Major. TPS 1513.
Textual analysis of playscripts, with an emphasis on the perspective of the practitioner of theatre. A preparatory course for the history of theatre and drama sequence.

TPS 3493 - Performance Art. 3-0-3.
Prerequisite: TPS 1600 or ENGL 2110 or DANC 4500 or permission of the instructor/department.
History, theories, and practice of performance art from futurism to the present. Emphasis is on the creation and performance of image, auteur approaches to literary, mythic, visual art, and personal sources, and the writing and staging of performance pieces.

TPS 3500 - Dramaturgy. 3-0-3.
Prerequisite: TPS Major. TPS 3403.
Close study of performance texts and source material, with an emphasis on dramaturgical praxis, including an overview of the history/theory of the dramaturg.

TPS 3600 - Performing Culture. 3-0-3.
Prerequisite: TPS Major. TPS 1600.
The study of the forms and functions of cultural performance practices. Students engage course topics through critical reading, written analysis, original fieldwork, and embodied performance.

TPS 3703 - Broadway to Hollywood: Musical Theatre on Stage and Film. 3-0-3.
Prerequisite: TPS Major. ENGL 1102.
This course is an introduction to musical theatre which surveys the major shows in musical theatre literature, through the study of the plots, scores, characters, and songs of the shows. Students explore the genre's place and function in theatere history as both an art form and popular entertainment and its influence on culture in general.

TPS 3713 - Acting in Musical Theatre. 3-0-3.
Prerequisite: TPS Major. TPS 3203 or MUSI 3352 or permission of the instructor.
This course provides students the opportunity to develop an effective acting technique for the musical stage. Through in-class exercises and the study of the scores and libretti from major shows in the repertoire, students will develop performance techniques particular to the musical theatre genre, and an appreciation of its diverse styles.

TPS 3813 - Visual Imagination. 3-0-3.
Prerequisite: TPS Major. Completion of 24 hours.
A course in the visual aspects of the art of theatre that focuses on the principles, the elements and the history and current practice of visual design for the theatre.

TPS 3815 - Makeup Design and Application for the Performer. 3-0-3.
Prerequisite: TPS Major. TPS 3813.
This course introduces the student to two-dimensional stage makeup, focusing on an understanding of facial structure, a proficiency in basic makeup concepts and application procedures, and a knowledge of the role of makeup as a critical component in a complete performance.

TPS 3820 - Scene Painting. 3-0-3.
Prerequisite: TPS Major. None.
This course provides students with fundamentals in painting for the theatre, which includes scene painting material, tools, methods, processes, and techniques. It consists of instructional talks, demonstrations, hands-on experience and rationalization.

TPS 3823 - Design Skills. 3-0-3.
Prerequisite: TPS Major. TPS 3813.
Basic design skills including drafting, sketching and rendering. Offered in versions oriented specifically toward set design or costume design in alternating years.

TPS 3853 - Period Styles. 3-0-3.
Prerequisite: TPS Major. TPS 3813.
An examination of the history and interrelationships between dress, architecture and the visual arts as they relate to the field of theatrical design.

TPS 4010 - Storytelling Practicum. 2-0-2.
Prerequisite: TPS 1600 and permission of the instructor. Audition required.
Advanced study of the methods and practice of storytelling as a performing art. Students develop a repertoire of stories suitable for various audiences and occasions. Off-campus and out-of-class performances comprise a major required component of the course.

Notes: May be taken three times for a total of 6 credit hours.

TPS 4050 - Advanced Applied Performance and Production. 0-4-2.
Prerequisite: TPS 2713.
This laboratory course focuses on advanced study, rehearsal, and performance or production for a Department of Theatre and Performance Studies production. This course may be repeated for upper-division credit and may be used for applied professional sequence credit.

TPS 4243 - Audition Practicum. 3-0-3.
Prerequisite: TPS 3223.
This course prepares students for the major forms of auditions they will encounter in the field of acting.

TPS 4313 - Principles of Directing. 3-0-3.
Prerequisite: TPS Major. TPS 3403.
Students will learn the fundamentals of directing for the stage. Theoretical studies will be combined with the direction of selected scenes and observation of working directors. Emphasis is on 20th century realism.

TPS 4323 - Directing Styles. 3-0-3.
Prerequisite: TPS Major. TPS 3403.
Students will learn the fundamentals of directing for the stage. Emphasis is on non-realistic period and genre styles. Theoretical studies will be combined with the direction of selected scenes and observation of working

directors. *This course may be repeated more than once for credit provided that the course content differs entirely from the previous offering.

TPS 4333 - Adapting and Staging Literary Texts. 3-0-3.
Prerequisite: TPS 3000 or permission of the instructor/department.
Aesthetics, methods, and practice in presentational modes of group performance. Emphasis on the selection, adaptation, and staging of poetic, narrative, and nonfiction texts.

TPS 4400 - Directed Study. 1-3.
Prerequisite: Approval of instructor, and department chair.
Selected topics of an advanced nature, which may include original research projects.

TPS 4490 - Special Topics. 1-3.
Prerequisite: Approval of instructor and departmental chair.
Topics of special interest to students and faculty.

Notes: This course may be repeated more than once for credit provided that the course content differs entirely from the previous offering.

TPS 4513 - History and Theory I: Ancient through Renaissance Theatre and Performance. 3-0-3.
Prerequisite: TPS Major. TPS 3000 and TPS 3403.
Studies in the history, theory, and literature of world theatre and performance traditions from ancient times through the Renaissance.

TPS 4523 - History and Theory II: Neoclassical through Early Modern Theatre and Performance. 3-0-3.
Prerequisite: TPS Major. TPS 3000 and TPS 3403.
Studies in the history, theory, and literature of world theatre and performance traditions from the Neoclassical Age through early Modernism.

TPS 4813 - Scene Design. 3-0-3.
Prerequisite: TPS Major. TPS 3813.
Building blocks for scene design with an emphasis on transforming written text into three-dimensional visual language, and working through fundamental scene design problems.

TPS 4823 - Lighting Design for the Stage. 3-0-3.
Prerequisite: TPS Major. TPS 3813.
Study of lighting design for the stage, including study of lighting instruments and control.

TPS 4833 - Costume Design. 3-0-3.
Prerequisite: TPS Major. TPS 3813.
Study of principles, methods and processes for costume design for the stage.

TPS 4999 - Senior Seminar: Contemporary Theatre and Performance. 3-0-3.
Prerequisite: TPS Major. TPS 3403 and TPS 3600 and either TPS 4513 or TPS 4523.
Studies in history, theory, and literature of world theatre and performance traditions from late modernism through postmodernism, culminating in a major research paper or creative project.

WRIT: Writing

WRIT 3100 - Poetry Writing. 3-0-3.
Prerequisite: ENGL 2110.
A workshop approach to poetry writing that emphasizes original writing, analysis and response from classmates, and revision. Some attention to the work of established writers for models.

WRIT 3109 - Careers in Writing. 3-0-3.
Prerequisite: ENGL 2110.
This course exposes students from a variety of backgrounds to various careers in writing. (Students need not be English majors.) Students will analyze and create a wide variety of professional texts ranging from technical, business, and governmental documents to medical, community-based, and web-based documents.

WRIT 3110 - Playwriting. 3-0-3.
Prerequisite: ENGL 2110.
A workshop approach to playwriting that emphasizes original writing, analysis and response from classmates, and revision. Some attention to the work of established writers for models.

Notes: This course can be taken more than once provided the course content differs entirely from the previous offering.

WRIT 3111 - Professional Editing. 3-0-3.
Prerequisite: ENGL 2110.
This is a course in editing as a practice and a profession. This course focuses on editorial roles and responsibilities and introduces students to the skills, principles, and methods of editing. Course assignments provide ample practice in applying the techniques of editing, including editing for grammar, punctuation, and style.

WRIT 3120 - Fiction Writing. 3-0-3.
Prerequisite: ENGL 2110.
A workshop approach to fiction writing that emphasizes original writing, analysis and response from classmates, and revision. Some attention to the work of established writers for models.

WRIT 3130 - Literary Nonfiction. 3-0-3.
Prerequisite: ENGL 2110.
The study and practice of selected genres of literary nonfiction. The course features extensive nonfiction writing and revision, workshop discussion, and readings in major authors of literary nonfiction.

Notes: These courses can be taken more than once provided the course content differs entirely from the previous offering.

WRIT 3140 - Technical Writing. 3-0-3.
Prerequisite: ENGL 2110.
This is a course in the analysis and writing of business and technical documents. This course emphasizes audience awareness, effective design and organization, clarity and correctness, and mastery of writing forms frequently encountered in the workplace.

Notes: These courses can be taken more than once provided the course content differs entirely from the previous offering.

WRIT 3150 - Writing in Digital Environments. 3-0-3.
Prerequisite: ENGL 2110.
This is a course in the study and practice of computer-mediated writing. This course examines theories of new media and multimodal literacy as it engages students in mastering the conventions of writing for the Web and planning, designing, and composing a variety of rhetorically effective digital texts.

Notes: These courses can be taken more than once provided the course content differs entirely from the previous offering.

WRIT 3160 - Argumentative Writing. 3-0-3.
Prerequisite: ENGL 2110.
The study and practice of argumentative writing. The course includes the study of current models of effective arguments and the process of forming written arguments. The course features extensive writing and revision, workshop discussion, and readings of classical and contemporary arguments. These courses can be taken more than once provided the course content differs entirely from the previous offering.

Notes: These courses can be taken more than once provided the course content differs entirely from the previous offering.

WRIT 3170 - Environmental Writing and Literature. 3-0-3.
Prerequisite: ENGL 2110.
A course in writing ad reading about the environment, intended for students interested in major works of environmental literature and for those who wish to think and write about the interconnections between humans and the nonhuman world. The course studies pastoral literature, nature writing, and science writing, and provides instruction in the writing of environmental nonfiction prose for aesthetic, expressive, intellectual, and instrumental purposes. These courses can be taken more than once provided the course content differs entirely from the previous offering.

WRIT 4120 - Advanced Creative Writing. 3-0-3.
Prerequisite: ENGL 3120, or permission of instructor.
Open only to students with experience in writing in the particular genre, this workshop stresses development and integration of all technical and artistic elements. Some readings from the work of established writers.* These courses can be taken more than once provided the course content differs entirely from the previous offering.

Faculty

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Valdosta State University, A, B, M, S, D

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Albany State University, A,B, M

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Georgia Southwestern State University, A, B, M

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Augusta State University, A, B, M, S

Carrollton 30118
State University of West Georgia, A, B, M, S, D

Columbus 31993
Columbus State University, A, B, M

Dahlonega 30597
North Georgia College & State University, A, B

Fort Valley 31030
Fort Valley State University, A, B, M

Kennesaw 30144
Kennesaw State University, B, M, S, D

Marietta 30060
Southern Polytechnic State University, A, B, M

Milledgeville 31061
Georgia College & State University, B, M, S

Morrow 30260
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Savannah 31406
Armstrong Atlantic State University, A, B, M

Savannah 31404
Savannah State University, A, B, M

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Barnesville, 30204
Gordon College, A, B

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Middle Georgia College, A, B

Dalton 30120
Dalton State College, A, B

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Georgia Gwinnett College, A, B

Macon 31297
Macon State College, A, B

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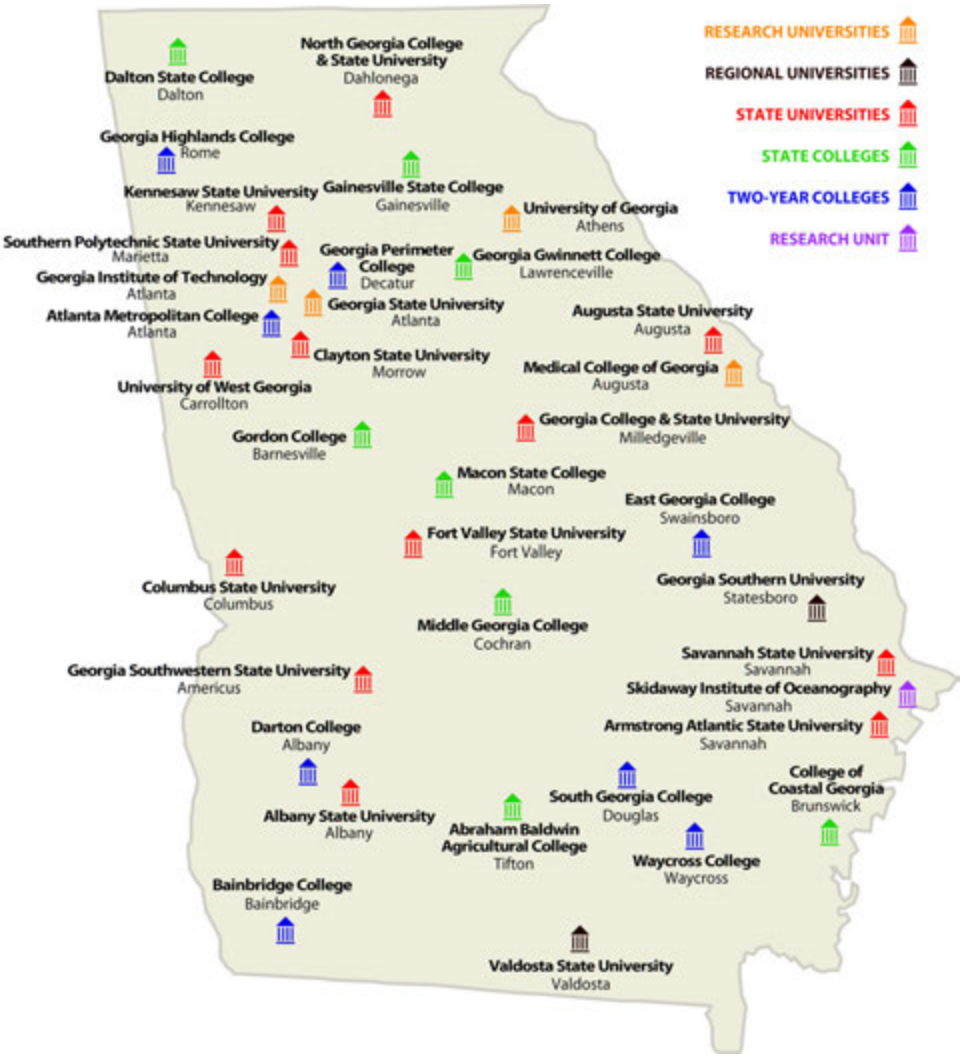

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