



ABRAHAM BALDWIN AGRICULTURAL COLLEGE

A STATE COLLEGE OF THE UNIVERSITY SYSTEM OF GEORGIA

2802 MOORE HIGHWAY

TIFTON, GEORGIA 31793-2601

www.abac.edu

Volume LXXIII, No. 1

August 1, 2015

*A comprehensive coeducational college
Abraham Baldwin is an Equal Employment and
Educational Opportunity Institution*

BULLETIN



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THE COLLEGE CATALOG

The statements set forth in this catalog are 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, Abraham Baldwin Agricultural College reserves the right to change any provision listed in this catalog, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of any such changes. Information regarding changes will be available in the Registrar's Office. It is especially important that students note that it is their responsibility to stay abreast of current graduation requirements for any particular program.

FAILURE TO SATISFY FINANCIAL OBLIGATIONS

College expenses are payable in advance. ABAC has reserved and intends to exercise the right to withhold copies of educational records and/or to dismiss students who owe the institution money.

CIVIL RIGHTS COMPLIANCE

Abraham Baldwin Agricultural College subscribes fully to a policy of nondiscrimination with regard to all employees, students, and services to the community. Specifically, the College has given assurance of compliance with the provisions of the Civil Rights Act of 1964. All members of the College's faculty, staff and student body are expected to subscribe to this assurance of compliance and to assist in making such assurance valid in fact.

DISCRIMINATION PROHIBITED AGAINST INDIVIDUALS WITH DISABILITIES

Abraham Baldwin Agricultural College complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 which prohibits discrimination against individuals with disabilities. In its efforts to comply with these regulations, Abraham Baldwin Agricultural College has designated the Director of Student Development, located on the bottom floor of the Carlton Center, and the Director of Human Resources, located on the first floor of Herring Hall, as the individuals responsible in the areas of students with disabilities and employment related disabilities, respectively.

GENDER DISCRIMINATION PROHIBITED

Abraham Baldwin Agricultural College complies with Title IX of the Education Amendments of 1972 which prohibits discrimination in education programs and activities on the basis of gender. This prohibition extends to employment and admissions. The individual responsible for compliance with Title IX is the Director of Human Resources.

DIVERSITY AT ABAC

Diversity includes more than race, gender, and age; at ABAC, diversity is about inclusion and respect for people. The College's goal of inclusion and respect for people from different backgrounds and perspectives will ensure that the institution fully leverages the abilities of all faculty, students, and employees. The institution has a standing Diversity Committee. Questions regarding diversity should be directed to the Dean of Students, Director of Multicultural Programs, or Director of Human Resources.

EQUAL OPPORTUNITY EMPLOYER

ABAC is an Equal Opportunity employer and does not discriminate against any person with respect to employment or academic standing because of age, disability, gender, national origin, race, religion, genetic information, or status as a war veteran. Harassment of an employee, student, or applicant on the basis of any of these protected classes is a violation of policy and federal law.

STUDENT RESPONSIBILITY

Students are responsible for reading this catalog, official announcements, official bulletin boards, and the Student Handbook. Also, students should be aware of the current requirements for their program of study, credits, degree requirements, quality points, and other policies and procedures relating to life at the College. ABAC has established a free student email account. **The College will use this email account as an official communication means with students.**

STATEMENT OF PURPOSE

In the event that an administrative hearing officer or a court of record determines that “publications” issued by the College 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 or liability, consents to medical treatment and any and all other written forms, documents, letters or other materials issued by the College in furtherance of its educational mission.

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DIRECTORY FOR CORRESPONDENCE

Direct correspondence to the offices listed below at
2802 Moore Highway
Tifton GA 31793-2601

Telephone 800-733-3653 or
Local Area Code 229
www.abac.edu

President	391-5050
Provost and Vice President for Academic Affairs	391-4782
Vice President for External Affairs and Advancement	391-4900
Vice President for Finance and Operations	391-5052
Vice President for Technology	391-4850
School of Agriculture and Natural Resources	391-4790
School of Human Sciences	391-5080
School of Liberal Arts	391-4950
School of Nursing and Health Sciences	391-5020
School of Science and Mathematics	391-5100
Stafford School of Business	391-4830
Dean of Students	391-5130
ABAC on the Square, Moultrie	891-7235
Academic Support	391-4995
Admissions	391-5004
Athletics	391-4930
Baldwin Library	391-4990
Financial Aid	391-4010
Health Center	391-5030
Human Resources	391-4890
Institutional Effectiveness	391-4983
Learning Support and Compass Testing	391-4997
Public Relations	391-5055
Registrar	391-5007
Student Accounts	391-4924
Student Development	391-5135
Student Life and Housing	391-5140
Technology Services Helpdesk	391-5400

ACADEMIC CALENDAR 2015-16

FALL SEMESTER 2015

Full Term

First day of classes	August 12
End Drop/Add period	August 19, 4:30 pm
Labor Day Holiday	September 7
Mid-term withdrawal deadline w/o academic penalty	October 5, 4:30 pm
Fall Break	October 19, 20
Thanksgiving Holidays	November 25, 26, 27
Last day of classes	December 2
Final exams	December 3, 4, 7, 8
Graduation	December 10, 10 am

Session A

First day of classes	August 12
End Drop/Add period	August 19, 4:30 pm
Labor Day Holiday	September 7
Mid-term withdrawal deadline w/o academic penalty	September 8, 4:30 pm
Last day of classes	October 2
Final exams (or TBA by instructor)	October 5

Session B

First day of classes	October 6
End Drop/Add period	October 6, 4:30 pm
Fall Break	October 19, 20
Mid-term withdrawal deadline w/o academic penalty	November 2, 4:30 pm
Thanksgiving Holidays	November 25, 26, 27
Last day of classes	December 2
Final exams	December 3, 4, 7, 8

SPRING SEMESTER 2016

Full Term

First day of classes	January 6
End Drop/Add period	January 14, 4:30 pm
MLK Holiday	January 18
Mid-term withdrawal deadline w/o academic penalty	March 1, 4:30 pm
Spring Break	March 14, 15, 16, 17, 18
Last day of classes	April 27
Final exams	April 28, 29 May 2, 3
Graduation	May 5, 10 am

Session A

First day of classes	January 6
End Drop/Add period	January 14, 4:30 pm
MLK Holiday	January 18
Mid-term withdrawal deadline w/o academic penalty	February 2, 4:30 pm
Last day of classes	February 26
Final exams (or TBA by instructor)	February 29

Session B

First day of classes	March 1
End Drop/Add period	March 1, 4:30 pm
Spring Break	March 14, 15, 16, 17, 18
Mid-term withdrawal deadline w/o academic penalty	April 1, 2:30 pm
Last day of classes	April 27
Final exams	April 28, 29 May 2, 3

SUMMER TERM 2016

Extended

First day of classes	May 9
End Drop/Add period	May 11, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	June 10, 2:30 pm
Last day of classes	July 21
Final exams	July 25, 26

Full Term

First day of classes	May 31
End Drop/Add period	June 1, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	June 23, 4:30 pm
Independence Day Holiday	July 4
Last day of classes	July 21
Final exams	July 25, 26

Session A

First day of classes	May 31
End Drop/Add period	May 31, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	June 10, 2:30 pm
Last day of classes	June 22
Final exams	June 23

Session B

First day of classes	June 27
End Drop/Add period	June 27, 4:30 pm
Independence Day Holiday	July 4
Mid-term withdrawal deadline w/o academic penalty	July 11, 4:30 pm
Last day of classes	July 21
Final exams	July 25, 26

GENERAL INFORMATION

HISTORY OF THE COLLEGE

The educational institution known today as Abraham Baldwin Agricultural College opened its doors to 27 students on February 20, 1908, as an area high school called the Second District Agricultural and Mechanical School. In 1925, the school transitioned into the South Georgia A&M College, a title it held for only four years until the name was changed to the Georgia State College for Men in 1929.

In 1933, the newly formed Board of Regents of the University System of Georgia changed the name again to Abraham Baldwin Agricultural College, a two-year institution where the curriculum focused on programs in agriculture, forestry, and home economics. Known as ABAC, the college was named for Abraham Baldwin, a Georgia signer of the United States Constitution, who was the first president of the University of Georgia.

In 2006, the Board of Regents changed the ABAC mission from a two-year college to a State College of the University System of Georgia, offering bachelor degrees in selected areas. ABAC offers bachelor degrees in Biology, Business and Economic Development, Diversified Agriculture, Natural Resource Management, Turfgrass and Golf Course Management, and Rural Studies. ABAC also offers associate of arts, associate of science, associate of fine arts and associate of applied science degrees. During the 2014 fall semester, ABAC enrolled 3,456 students from 151 Georgia counties, 17 states, and 26 countries. The college campus stretches over 516 acres of South Georgia countryside and includes the Georgia Museum of Agriculture and Historic Village.

Recent figures show ABAC has a \$261 million economic impact on South Georgia by reaching thousands of constituents each year through academic, extracurricular, public service, economic development, and special services programs

ACCREDITATION

Abraham Baldwin Agricultural College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate and baccalaureate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404.679.4500 for questions about the accreditation of ABAC.

ABAC's Associate of Science in Nursing degree is approved by the Georgia Board of Nursing, 237 Coliseum Drive, Macon, Georgia 31217-3858 (phone: 487-207-2440) and is accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Road NE, Suite 850, Atlanta, Georgia 30326 (phone: 404-975-500).

ABAC's Associate of Applied Science degree in Forestry is accredited by the Society of American Foresters (SAF).

VISION STATEMENT

Abraham Baldwin Agricultural College aspires to an institutional destination of greatness, a college where committed students seek a life-changing experience and are prepared to contribute positively to the communities in which they live and work.

MISSION STATEMENT

The mission of Abraham Baldwin Agricultural College is to engage, teach, coach, mentor, and provide relevant experiences to students so as to prepare graduates for life.

SERVICE MEMBERS OPPORTUNITY COLLEGES

ABAC is a participant of the Service Members Opportunity College Consortium (SOC) and serves the service members by the guides and principles set forth by the SOC and policies and procedures set forth by the University System of Georgia and of this institution. The College also participates in the Department of Defense Voluntary Education Partnership Memorandum of Understanding (DoD MOU) and the 8 Keys to Veteran Success program. The memorandum can be found at www.dodmou.com.

ASSESSMENT

The College is committed to helping students realize their potential. For this reason, student assessment is part of the College's educational program. From the time students apply, until leaving, participation is expected in a series of tests and surveys designed to assist college personnel in accurate advisement and course placement, to gather information on satisfaction with college programs and services, and to measure academic and personal achievements. These tests and surveys will be used to help students achieve individual goals and to improve college programs and services.

Students' earnest and sincere participation on tests, learning tasks, exit exams and surveys will provide the College with accurate information to be used in planning effective programs and services. Students should take seriously their participation in these activities.

GEORGIA MUSEUM OF AGRICULTURE AND HISTORIC VILLAGE

The Georgia Museum of Agriculture and Historic Village in Tifton became a part of ABAC in 2010. Its aim is to preserve and exhibit the culture of rural Georgia through a restored settlement of the late 19th century. The two dozen restored buildings at the museum range from an 1896 farmhouse to a steam-powered cotton gin. The 95-acre site provides a living history museum for the people of the State, and allows school children from throughout the Southeast an opportunity to experience 19th century life in rural Georgia in an up close and personal fashion through day-long seminars. The museum is also used as a laboratory for a variety of ABAC classes.

THE ARTS CONNECTION

The Arts Connection, located in the Carlton Center on the ABAC campus, represents another aspect of the College's commitment to continual learning and public service by seeking to broaden the cultural perspectives of South Georgians through a variety of programs and activities. The Arts Connection has developed a multi-county arts alliance through which it presents arts in education programs, professional performances, festivals, arts camps, and residencies by professional dance and theater groups. In addition, the Arts Connection has launched a program to recognize and sustain the folk life of South Georgia. The Gallery at the Museum of Agriculture and Historic Village is maintained by the Arts Connection and features exhibits ranging from quilts to wood carvings.

ABAC ALUMNI ASSOCIATION

The purpose of the ABAC Alumni Association is to strengthen and enrich the education and extracurricular programs of ABAC. The Association is organized by the Alumni Board of Directors which meets four times a year to assist in planning activities that encourage involvement by alumni. Students who have received any educational credits from Abraham Baldwin Agricultural College or any of the three previous schools (Second District A&M School, South Georgia A&M College or Georgia State College for Men) may become a member of the Association. Graduates automatically receive one year of free membership in the Association.

The Association presents awards to students at each graduation, supports Regional Roundups and helps organize Homecoming, which is held each Spring. Several of the events during Homecoming Week are the Rodeo, Golden Alumni Luncheon and the Alumni Awards and Athletic Hall of Fame Dinner. Awards at this dinner are presented to alumni who have excelled in various professions.

Alumni can join the Association for \$35 annually or \$500 for a lifetime membership. For more information about the Alumni Association, visit www.abac.edu/alumni.

ABAC FOUNDATION

In 1954, businessmen in Tifton and Tift County organized the Greater Baldwin Association to advance the cause of education by supporting programs and activities of the College which could not be funded through the budget allocated by the state. In 1974, to achieve closer identification with the College, the name of the organization was changed to the Abraham Baldwin Agricultural College Foundation. The purpose remains the same. Funds made payable to the Foundation are used for purchasing any needed equipment and property, providing academic and athletic scholarships, financing campus improvements, and supporting other projects and activities which the board of directors may deem appropriate.

The Foundation accepts gifts of cash, securities, trusts, real estate, gifts-in-kind, life insurance, bequests or a combination thereof. All gifts to the Foundation are tax deductible.

LOCATION OF THE COLLEGE

ABAC is located in south central Georgia on 516-acres of land on the north side of the city of Tifton alongside Highway I-75.

The College is also readily accessible via U.S. Highway 41, which is within one-half mile of the campus. ABAC is approximately 64 miles from the Florida state line via I-75 and 110 miles from the Alabama state line via Highway 82. Tifton is served by airlines through airports at Albany, GA; Macon, GA; Valdosta, GA; and Tallahassee, FL.

BUILDINGS AND GROUNDS

A detailed campus map is available at

<http://www.abac.edu/future-students/visiting-campus/campus-map>

ADMISSIONS

APPLICATION DEADLINES AND ADMISSIONS DECISIONS

Application deadlines are posted on the Admissions web page. Students are encouraged to apply early to ensure that their application file is complete by the deadline. Students can check the Admissions web page for any updated requirements that may supersede this academic catalog. **Final admission decisions will not be issued until all required documentation has been submitted, reviewed and approved by the Admissions Office.** Notification of admissions decisions will be made in writing and mailed to the student's permanent address. A final admissions decision is required before students can enroll in classes.

ADMISSIONS CATEGORIES

The information contained in the following table will be used to determine the appropriate admissions category and the documents required for admission. Prospective students who have questions about the requirements for admissions are encouraged to contact the Office of Admissions.

CATEGORIES (R = Required)	Application	\$20 Non-Refundable Application Fee	Certificate of Immunization	Verification of Lawful Presence	Official Partial HS Transcript	Official SAT or ACT Scores	Official Final HS Transcript	Official College Transcript(s)	Official GED Scores	COMPASS Placement Test Scores	Transient Permission Form
Section number for notes relative to required documents►	1	2	3	4	5	6	7	8	9	10	11
Freshmen who graduated from HS <u>within the last 5 years</u> or <u>will graduate</u> and have never attended college, or have fewer than 30 transferable semester hours	R	R	R	R	R	R	R	R		R*	
Freshmen who graduated from HS <u>more than 5 years ago</u> and have never attended college, or have fewer than 30 transferable semester hours	R	R	R	R			R	R		R	
Freshmen with GED who would have graduated from HS <u>within the last 5 years</u> and have never attended college, or have fewer than 30 transferable semester hours	R	R	R	R	R	R		R	R	R*	
Freshmen with GED who would have graduated from HS <u>more than 5 years ago</u> and have never attended college, or have fewer than 30 transferable semester hours	R	R	R	R	R			R	R	R	
Homeschool student	R	R	R	R	R	R	R	R		R*	
Transfer student - a student having 30, or more, transferable semester hours	R	R	R	R				R			
Readmitted student - a student who previously attended ABAC, but has not done so for one calendar year.	R		R	R				R			
International student	R	R	R		R	R	R	R		R	
Move on When Ready (MOWR)	R		R	R	R	R				R*	
Post-baccalaureate student - students who have already earned a baccalaureate degree.	R	R	R	R				R			
Non-degree seeking student	R	R	R					R		R	
Transient student	R	R	R	R							R

**Required only if SAT/ACT scores fall below the minimum required for exemption of Learning Support requirements.*

NOTES RELEVANT TO REQUIRED DOCUMENTS

SECTION 1 - GACollege411 Online Application

The required online application for admission to ABAC is available at

<http://www.GACollege411.org>

Re-admit and transient students may submit application that is available at

<http://www.abac.edu/wp-content/uploads/2013/02/Readmitapp1.pdf>

SECTION 2 - Non-Refundable Application Fee

Students applying for admission to ABAC shall pay a \$20 non-refundable application fee with the exception of those participating in the Move on When Ready (MOWR) program.

SECTION 3 - Certificate of Immunization

Per policy of the Board of Regents, University System of Georgia, a written record of immunization must be submitted by all applicants prior to registering for classes. **The form can be obtained from the Admission website.** The completed form shall be mailed or faxed to

The ABAC Health Center
ABAC 52, 2802 Moore Highway
Tifton, GA 31793-2601
FAX (229) 391-5031

SECTION 4 - Verification of Lawful Presence and Eligibility for In-state Tuition

In accordance with Board of Regents Policies 4.1.6 and 4.3.4, all applicants who are accepted for admission or readmission to ABAC and who seek to be classified as in-state for tuition purposes, will be required to provide validation of residency and lawful presence in both the State of Georgia and the United States.

Means of providing verification of lawful presence are the following:

1. A current ID or driver's license issued by the State of Georgia after January 1, 2008.
2. A certified US birth certificate showing that the student was born in the US or a US territory. A photocopy cannot be accepted. Please note that <http://www.vitalchek.com> provides instructions for ordering a certified US birth certificate.
3. A US Certificate of Naturalization (USCIS form N-550 or N-570).
4. A US Certificate of Citizenship (USCIS form N-560 or N-561).
5. A US Certificate of Birth Abroad issued by the Department of State (DS-1350) or a Consular Report of Birth Abroad (FS-240).
6. A current US Passport.
7. A current military ID (service member only, not dependent).
8. A current, valid Permanent Resident Card (USCIS form I-151 or I-551).

Students who receive **Federal** financial aid will have satisfied the requirement.

ABAC is required to verify the lawful presence of incoming students who have not provided one of the above documents and who seek to be classified for in-state tuition, using one of the following methods:

1. Systematic Alien Verification for Entitlements (SAVE) Program if student does not have a current F visa.
2. SEVIS for non-citizens possessing an F visa.

Applicants who are not United States citizens and not permanent residents and seek to be classified for in-state tuition must provide a current copy of their visa and I-94. If they have a current Employment Authorization Card, it should be included with the visa and I-94.

SECTION 5 - Partial High School Transcripts

Students who are required to submit high school transcripts (see Table 1, previously) shall request that their high school send an official partial, or incomplete, high school transcript at the time of their application. These transcripts are used to determine whether the student has completed the USG's Required High School Curriculum (RHSC) and to determine whether the student will be required to take pre-collegiate coursework while at ABAC. Final admissions decisions cannot be made based on partial, or incomplete, high school transcripts. Students cannot enroll in classes until a final admissions decision is made.

SECTION 6 - Official SAT or ACT Test Scores

Official SAT/ACT scores are required for freshmen who have graduated, or would have graduated, from high school within the last five (5) years.

SECTION 7 - Final, Official High School Transcripts

All high school graduates, either first-time freshmen or those transferring from another college or university who have completed fewer than 30 semester credit hours, must provide an official, final high school transcript. A final admission decision cannot be made until the final transcript is submitted and reviewed. Furthermore, students will not be permitted to enroll in classes until final, official transcripts are received and reviewed.

SECTION 8 - Official College Transcripts

The following persons shall request that official college or university transcripts be sent to ABAC:

1. Applicants who have attended a college or university prior to seeking admission to ABAC, or
2. Applicants who participated in dual enrollment at a college, technical college, or university other than ABAC while in high school, or
3. Applicants seeking readmission to ABAC who have attended another college or university since attending ABAC.

SECTION 9 - Official GED Scores

Applicants who have a GED shall submit official GED scores to ABAC prior to admission.

SECTION 10 - COMPASS Test Scores

COMPASS test scores are required of students who graduated from high school or would have graduated more than five years ago and students whose official SAT/ACT scores fall below the minimum required for exemption of Learning Support requirements.

SECTION 11 - Transient Permission Form

Applicants wishing to attend ABAC as a transient student must obtain a form from their home institution giving them permission to attend ABAC, or provide a letter that shows they are in good academic standing with their home institution.

ADMISSIONS CRITERIA, STANDARDS, AND PROVISIONS

Freshmen

1. Freshmen who graduated or will graduate from high school **within the last five (5) years** and have never attended college, or have fewer than 30 transferable semester hours.
 - Required High School Curriculum
 - Completion of the USG's Required High School Curriculum (RHSC) requirements and graduation from a high school accredited by a regional accrediting association (such as the Southern Association of Colleges and Schools) or the Georgia Accrediting Commission or from a public school regulated by a school system and state department of education are required.
 - Students who graduate from high school in 2012 or later must present credits for 17 specified units. Please visit http://www.usg.edu/student_affairs/documents/Staying_on_Course.pdf for complete listing of required units.
 - GPA
 - Calculation of the High School GPA (HS GPA) for the purpose of the Freshmen Index (FI) is computed by an "admissions HS GPA" using the "HOPE" method without "weighting." This method includes all attempts on academic courses with no weighting for AP or IB courses. Students with an "admissions HS GPA" of less than a 2.0 will not be admitted.
 - SAT/ACT Scores
 - Students must satisfy the minimum SAT CR (critical reading) of 330 and SAT M (math) of 310 or ACT E (English) of 12 and ACT M (math) of 14.

- Freshmen Index
 - The Freshmen Index considers students' performance in high school as well as their performance on the SAT or ACT. To be admitted, students must have a Freshmen Index of at least 1830, calculated as:

$$FI = 500 \times (HS \text{ GPA}) + SAT \text{ Critical Reading} + SAT \text{ Math, or}$$

$$FI = 500 \times (HS \text{ GPA}) + (ACT \text{ Composite} \times 42) + 88$$
- 2. Freshmen with a high school diploma who graduated from HS **more than five (5) years ago** and have never attended college, or have fewer than 30 transferable semester hours.
 - GPA
 - An official final high school transcript from an accredited or approved high school with a minimum GPA of 2.0
- 3. Freshmen with GED who would have graduated from high school **within the last five (5) years** and have never attended college, or have fewer than 30 transferable hours.
 - GED
 - Students must submit official GED scores
 - SAT/ACT Scores
 - Students must satisfy the minimum SAT Critical Reading of 330 and SAT math of 310 or ACT English of 12 and ACT math of 14.
- 4. Freshmen with GED who would have graduated from high school **more than five (5) years ago** and have never attended college, or have fewer than 30 transferable semester hours.
 - GED
 - Students must submit official GED scores.

Homeschool Students

- Transcripts
 - Official transcripts from any conventional public/private high school and colleges attended
- SAT/ACT Scores
 - Students must satisfy the required SAT score of 900 (critical reading + math) with no less than an SAT CR of 330 and SAT M score of 310 or ACT English score of 12 and ACT math score of 14.
- Copy of Declaration of Intent to Home School as filed with the local Board of Education
- Completed Home School Preparatory Credit Evaluation Form and Supplemental Documentation and signed certification form
- National Standardized High School Summation Exam taken during the 12th grade year (examples: Iowa TAP, SAT II, California Achievement Test, Stanford Achievement Test)
- Letter from primary teacher certifying completion of high school and date of high school graduation
- For further information, see:
<http://www.abac.edu/wp-content/uploads/2012/11/Home-Educated.pdf>

Transfer Students (having 30 or more transferable semester hours)

- Students seeking to attend ABAC must be eligible to continue at or return to their previous institution with a minimum GPA of 2.0.

Re-admit Students

- Students seeking to be re-admitted to ABAC must be in good standing at ABAC with a minimum GPA of 2.0. If students seeking re-admission have attended other colleges or universities since attending ABAC, they must be eligible to continue at or return to their previous institution(s) with a minimum GPA of 2.0.

International Students

- Transcripts
 - Students must submit an official English translation with their secondary school transcripts and be among the upper level in academic achievement with high grades in school subjects.

- SAT/ACT Scores
 - Students must meet the minimum SAT score of 900 (combined Critical Reading and Math) or the equivalent ACT score.
- TOEFL
 - Students whose native tongue is not English must demonstrate proficiency in English by taking the Test of English as a Foreign Language (TOEFL). Test scores will be used in placement of students and a minimum score of 523 on the paper TOEFL, 193 on the computer TOEFL or 69 on the Internet TOEFL is required.
- Financial Support
 - Students must demonstrate financial independence or sponsorship by completing the Certificate of Financial Support form located at www.abac.edu/wp-content/uploads/2012/11/cert-of-fin-sup.pdf and submitting bank statements for the past six months.

Move on When Ready Students

- ABAC provides academically-talented high school students two opportunities to enroll in college-level coursework during high school:
 - A dual enrollment program in which students, while continuing their enrollment in high school, enroll in a course(s) for both high school and college credit.
 - A joint enrollment program in which students, while continuing their enrollment in high school, enroll in courses for college credit.
- To participate in either of these programs, students must be enrolled in a public or private secondary high school which is accredited by one of the following:
 - A regional accrediting association (such as the Southern Association of Colleges and Schools)
 - Georgia Accrediting Commission
 - Georgia Private School Accrediting Commission (GAPSAC)
 - Accrediting Commission for Independent Study (ACIS)
 - Enrolled in a public school regulated by a school system and state department of education.
 - Students attending non-accredited homeschool programs or non-accredited high schools may be eligible to participate in dual or joint admissions programs if they satisfy all general admission requirements for dual enrollment and have validated their on-track Required High School Curriculum (RHSC) units.
- Official High School Transcript
 - Students must have a minimum GPA of 3.0 in academic subjects and exempt Learning Support requirements.
- SAT/ACT Scores
 - Students must meet the minimum SAT score of 970 (Critical Reading + Math) or an ACT Composite Score of 21.

Post-Baccalaureate Students

- Students who have earned a baccalaureate degree from a regionally accredited institution will be allowed to take courses with no limitation on the number of hours of undergraduate credit, with or without the intention of earning a degree from ABAC.

Non-Degree Seeking Students

- Applicants who have not already earned a baccalaureate degree from a regionally accredited institution may enroll as a non-degree student for a maximum of 12 semester credit hours, including institutional credit. Students may not enroll in any course for which there is a Learning Support prerequisite unless they have been screened for and have exempted the relevant Learning Support course(s). Students who have earned the baccalaureate degree from a regionally accredited institution may enroll as non-degree students in courses with no limitation on the number of hours of undergraduate credit.

Transient Students

- Students currently enrolled at another college or university may wish to attend ABAC for a limited time and then return to their home institution. A transient student enrolled at ABAC is limited to three consecutive terms. Transient students should request that a copy of the ABAC transcript be sent to the home institution after grades are posted at the end of the term.

Students 62 Years Old, or Older

- Pursuant to the provisions of the Georgia Constitution, the University System established the following rules with respect to enrollment of persons 62 years of age or older. Enrollment criteria:
 - Must be a resident of Georgia, 62 years of age or older at the time of registration, and present a birth certificate or other comparable written documentation of age to enable the institution to determine eligibility.
 - Enroll as a regular or auditing student in courses offered for resident credit on a “space available” basis without payment of fees, except for supplies, laboratory or shop fees.
 - Satisfy all System and institution admission requirements; however, institutions may exercise discretion in exceptional cases where circumstances indicate that certain requirements such as high school graduation and minimum test scores are inappropriate. In those instances involving discretionary admission, institutions will provide diagnostic methods to determine whether or not participation in Learning Support will be required prior to enrollment in regular credit courses. Reasonable prerequisites may be required in certain courses.
 - Have all usual student and institutional records maintained.
 - Satisfy all System, institution, and legislated degree requirements, if they are degree-seeking students.

Admission to Audit Classes

- Persons wishing to attend regular college classes without credit may apply for admission as auditors. Applicants must meet either freshman or transfer admission requirements. Fees are the same as for credit-earning students. Students interested in auditing a class must indicate to the instructor their intention to do so during the first five days of the term.

STUDENT ACCOUNTS

TUITION AND FEES

Abraham Baldwin Agricultural College tuition and fees are assessed according to the policies of the Board of Regents of the University System of Georgia. Registration is not complete until all tuition and fees have been paid. Students are responsible for determining account balances and securing payment by the established payment deadline. The College's web site is the most up-to-date reference for registration and payment deadlines, but notices are also sent to College email accounts. ABAC email is an official means of communication with students.

Failure to fulfill financial obligations may result in denial of readmission, registration, certification of attendance, transcripts, graduation, etc. Official transcripts will not be issued and graduation will be denied for students whose accounts are delinquent. The College reserves the right to cancel a student's registration for non-payment at any time after the payment deadline.

ABAC reserves the right to use a collection agency and to pursue legal action to collect any debt. Once an account is placed in collection or legal action is pursued by the collection agency, the student will be liable for all collection fees, which will be in addition to the amount of the original debt. At this point, the student will no longer be able to pay the College directly, and any communication or correspondence with the College about such debt must be directed through the collection agency.

ABAC Net Price Calculator is available to view at the following web page. <http://www.abac.edu/NPC>

TUITION AND FEE SCHEDULE

Students who are enrolled in fewer than fifteen (15) semester hours within a semester are charged by the credit hour. Additional tuition is not charged for semester hours greater than fifteen (15) semester hours within a semester; eCore classes do not count toward the fifteen (15) semester hours. Students are classified either as a resident or non-resident of Georgia for tuition purposes in accordance with the regulations of the Board of Regents of the University System of Georgia.

Tuition

Georgia Resident, 15 or more hours	\$1,532.00
Georgia Resident, 14 or fewer hours	\$102.13 (per semester hour)
Non-resident, 15 or more hours	\$5,661.00
Non-resident, 14 or fewer hours	\$377.40 (per semester hour)
eCore classes	\$169.00 (per semester hour)

Mandatory Fees Per Semester:

Fee	Students taking six (6), or more semester credit hours	Students taking fewer than six (6) semester credit hours
Access Card	\$20.00	\$20.00
Activity	\$50.00	\$25.00
Athletic	\$88.00	\$44.00
Health	\$63.00	\$30.00
Institutional Fee	\$200.00	\$200.00
Technology	\$50.00	\$25.00
Transportation	\$30.00	\$30.00
Total	\$501.00	\$374.00

Textbooks and supplies are available in the College Bookstore. The cost of books and supplies will vary with the courses selected by the individual student.

SPECIAL FEES AND CHARGES

Each returned check given to the College by an individual will result in a service charge of \$20. If three checks are returned for the same student or family, no other checks will be accepted by the College.

An orientation fee of \$40 will be charged to each student entering ABAC for the first time. For more details, please visit <http://www.abac.edu/future-students/orientation>

Student Health insurance provided by United Healthcare is required for the following types of students:

1. All international students holding F or J visas.
2. All students enrolled in the Nursing program.

The premium is based on the age of the student and may range from \$1,700 - \$2,200 annually. Family and spouse plans are available as well.

Waivers are subject to the discretion of United Healthcare for certain situations. Student Health Insurance is not refundable through the Institution. All F1 Visa Status Athletes are required to purchase an additional rider for insurance coverage during practice and competition events. Waivers for the rider are also subject to the discretion of United Healthcare and must be applied for through the provider.

Housing charges are subject to the contract signed. For more details, visit <http://www.abac.edu/student-life/housing-why-live-on-campus>.

Meal plan requirements vary by student status. For detail on the meals plans available, visit <http://www.abac.edu/student-life/campus-dining>.

Other fees are associated with particular classes; examples include science labs, golf and bowling courses. Fees range from \$20 to \$75 depending on the class.

All tuition, fees, or other charges are subject to change at the end of any academic term.

METHODS OF PAYMENT

Acceptable methods of payment are as follows.

- Web check/electronic check via the eStallion student account
- Web credit card via the eStallion student account (MasterCard, American Express, Visa, Discover)
- Check or money order via US Postal Service delivered to the following address:
Abraham Baldwin Agricultural College
ABAC #42
2802 Moore Highway
Tifton, GA 31793
- Cash, check, money order, or credit card (MasterCard, American Express, VISA, Discover) in person at the Cashier's Window on the second floor of the Branch Student Center in the Office of Student Accounts.

ABAC uses an electronic billing system (eStallion) through Stallion email accounts to notify students of any outstanding balances. Students are encouraged to check their email account on a regular basis, as this is the official means of sending billing notification even after the enrollment period may have ended. eStallion provides students easy access to their student financial accounts and to pay tuition and fees. Students may also set up authorized user accounts for parents and other individuals who will be paying on their behalf. Students, or authorized users, may pay on line using MasterCard, Discover Card, VISA, and American Express. The cardholder will pay a credit card transaction fee of 2.75% of payment amount, or a minimum of \$3.00, regardless of place or time of payment. Alternatively, on-line payments can be made via Webcheck or an ACH transaction, with no additional fees.

Students will be required to acknowledge that they understand and agree to the Financial Agreement Authorization in Banner. This authorization is a legally binding agreement that explains the student's responsibility in regards to the student's financial account with Abraham Baldwin Agricultural College.

The student receivable process begins when charges are posted to a student's account. If the student's account is not paid by the due date, a past due balance hold will be placed and further collection efforts will be made to collect the amount owed. If the account is sent to a collection agency, additional fees will be added to the balance due. These fees may add up to over 33.3% of the original balance due. In addition, a delinquency report may be filed with a credit bureau.

STATE DEPARTMENT OF VOCATIONAL REHABILITATION

Students who have a physical or an emotional disability may receive financial assistance to attend college through their nearest vocational rehabilitation office. For details, students may contact the Office of Student Accounts or their local rehabilitation office.

VETERANS SERVICES

Veterans can receive assistance with applying for educational military benefits in the Office of Student Accounts, located on the second floor of the Student Center. All veterans, members of the reserves, and the dependents of disabled or deceased veterans, should contact the Office immediately upon deciding to enroll in the College so that proper administrative procedures can be initiated.

Veterans experiencing academic difficulty may be eligible for additional benefits to help defray the costs of tutoring services. Such veterans should consult with the personnel in the Office of Student Accounts to determine the proper procedure to obtain these additional benefits.

REFUND POLICY

Students officially withdrawing from the College after paying tuition and fees for the term will be issued a 100% refund for tuition and mandatory fees, provided the official withdrawal occurs **NO LATER THAN** the official drop/add day for the term. Students officially withdrawing from **ALL** classes **AFTER** the official drop/add day will receive a refund based upon the following official refund policy:

- The refund amount 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 of calendar days in a semester includes weekends but excludes scheduled breaks of five or more days and days that students were on an approved leave of absence. The unearned portion shall be refunded up to the time that the amount earned equals 60%.
- Students who withdraw when the calculated percentage of completion is greater than 60% are not entitled to a refund of any portion of institutional charges. A refund of all nonresident fees, matriculation fees, and other mandatory fees shall be made in the event of the death of students at any time during the academic session.

Housing fees and post office box fees are non-refundable fees. Refunds of elective charges upon withdrawing from the Institution during a term will be made on a prorated basis determined by the date of withdrawal. Gold card charges and à la carte meal plans are refundable only to the extent they are unspent.

Students are responsible for withdrawing officially in accordance with College regulations, which are set out in this Catalog. Students receiving funds and financial aid monies will have their refunds restored to the following programs in this precise order: outstanding balances on unsubsidized loans, subsidized loans, **PLUS** loans, Pell, SEOG, other Title IV student assistant programs, HOPE, private scholarships, and finally to the student.

No other refunds or reductions are allowed unless such reductions are necessitated by schedule changes initiated by the College. Students suspended or expelled for disciplinary reasons are not entitled to a refund of any deposits, tuition, or fees paid. Additionally, students who are asked to vacate their residence hall rooms as a result of disciplinary actions are not eligible for refunds.

REGENTS' POLICIES GOVERNING CLASSIFICATION OF STUDENTS

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

1. a) If students are 18 years of age or older, they may register as an in-state student only upon a showing that they have been a legal resident of Georgia for a period of at least 12 months immediately preceding the date of registration.

Exceptions:

- Students whose parent, spouse, or court appointed guardian is a legal resident of the State of Georgia may register as a resident provided the parent, spouse, or guardian can provide proof of

legal residency in the State of Georgia for at least 12 consecutive months immediately preceding the date of registration.

- Students who previously held residency status in the State of Georgia but moved from the State, then returned to the state in 12 or fewer months.
 - Students who are transferred to Georgia by an employer are not subject to the durational residency requirement.
- b) No emancipated minors or other persons 18 years of age or older shall be deemed to have gained or acquired in-state status for tuition purposes while attending any educational institution in this State, in the absence of a clear demonstration that they have in fact established legal residence in this State.
2. If a parent or legal guardian of a minor changes legal residence to another state following a period of legal residence in Georgia, the minor may retain classification as an in-state student as long as he/she remains continuously enrolled in the University System of Georgia, regardless of the status of the parent or legal guardian.
 3. In the event that legal residents of Georgia are appointed by a court as guardian of a nonresident minor, such minors will be permitted to register as an in-state student provided the guardians can provide proof that they have been residents of Georgia for the period of 12 months immediately preceding the date of the court appointment.
 4. Aliens shall be classified as nonresident students, provided, however, that an alien who is living in this country under an immigration document permitting indefinite or permanent residence shall have the same privilege of qualifying for in-state tuition as a citizen of the United States.

WAIVERS

ABAC offers a limited number of Presidential waivers each semester to outstanding students from other states or nations. These waivers are administered through the Admissions Office.

The ABAC Neighbor Waiver is new for Fall 2015. This waiver allows students from Florida, Alabama and South Carolina to attend ABAC at the same tuition rate as an in-state student. For more information, please contact the Office of Student Accounts.

For a complete list of waivers and descriptions, please visit the University System of Georgia's 7.3.4 Out-of-State Tuition Waivers and Waiver of Mandatory Fees which may be viewed at

http://www.usg.edu/policymanual/section7/policy/C453/#p7.3.4_out-of-state_tuition_waivers_and_waivers_of_mandatory_fees

VERIFICATION OF LAWFUL PRESENCE

The Board of Regents of the University System of Georgia (USG) has instituted policies that affect all applicants who seek in-state tuition at USG institutions. According to USG policy, individuals who apply for Fall 2011 and beyond must submit documentation of U.S. citizenship or permanent residency before being considered for in-state tuition.

The following documents serve as proof of lawful presence in the United States. One of the following is required before students are eligible for in-state tuition:

- A completed FAFSA for the current or next financial aid year.
- A certified U.S. birth certificate showing the applicant was born in the U.S. or a U.S. territory. Photocopies are not acceptable.
- Copy of current U.S. passport.
- Copy of a current driver's license issued by the State of Georgia after January 1, 2008.
- Copy of a U.S. certificate of naturalization.
- Copy of U.S. certificate of citizenship.
- A U.S. certificate of birth abroad issued by the Department of State or a consular report of birth abroad.

Applicants whose status cannot be verified are not eligible for in-state tuition regardless of how long they have lived in Georgia.

FINANCIAL AID

OFFICE OF FINANCIAL AID

The Office of Financial Aid is located on the second floor of the J. Lamar Branch Student Center. Correspondence should be addressed to the Office of Financial Aid, ABAC 2, 2802 Moore Highway, Tifton, Georgia 31793-2601.

Through a program of institutional, state and federal aid, Abraham Baldwin can assist a qualified student in obtaining a college education. Students with limited resources can be offered a package which will help further their education beyond the high school level. One purpose of the Financial Aid Program is to recognize students who appear to have outstanding potential (merit-based awards) and to provide assistance to students who, without such aid, would be unable to attend college (need-based awards). Thus, financial aid is awarded on the basis of financial need and scholastic achievement. The college uses the **Free Application for Federal Student Aid (FAFSA)** to determine financial need. The FAFSA is available online at www.FAFSA.ed.gov.

Male students receiving financial aid are required to comply with the Selective Service registration procedure. Students must certify that they are not in default on any Title IV educational loans, do not owe a repayment on any Title IV educational grants, and have not borrowed in excess of loan limits. Students must be working toward a degree to receive federal financial aid. The school defines an academic year as 24 credit hours and 30 weeks of instruction for financial aid purposes and a student must take 12 or more credit hours each semester in order to be considered as a full-time student.

Payment Schedule	Credits Used in Payment
Full Time	12
Three Quarter Time	9 to 11
Half Time	6 to 8
Less Than Half Time	1 to 5

Applicants for financial aid are requested to have the results from the FAFSA and all other required documentation in the Office of Financial Aid by May 1st for returning students and July 1st for new students to ensure completed processing for fall term. Applications received after this date will be considered provided funds are available, in the order of the date of receipt. Students enrolled less than full-time will receive full consideration for financial aid. In planning for their college years, students should understand that all financial aid programs operate on a first come, first served basis. **Students are encouraged to make application for financial aid (merit or need-based) at least 10 weeks in advance of the time they intend to enroll. Failure to apply on a timely basis may significantly reduce the amount of aid students receive.**

Eligibility for receiving financial assistance at ABAC is determined by comparing the cost of attending college with the ability of the students (and parents or spouse) to satisfy these expenses. Cost of attendance is calculated for each of several groups of students at ABAC using criteria such as resident status and living accommodations. For each of these student groups, cost of attendance includes anticipated expenses such as room and board, books and supplies, personal expenses, and the ability of the students (and parents or spouse) to contribute to college expenses. The ability of the students (and parents or spouse) to contribute to college expenses (also called the Expected Family Contribution) is determined by the U.S. Department of Education using criteria established by that agency. Factors used in determining ability to pay include, but are not limited to, all appropriate assets and income (earned and unearned). The factors vary from year to year.

A FAFSA must be filed for each year that students wish to be considered for aid. Awards for each year are based upon proper completion and timely filing of the FAFSA; completion of the verification process, if warranted; the availability of federal, state and/or institutional funds; and eligibility for the individual programs for which students are applying and the applicants' continued enrollment and ability to maintain satisfactory academic progress. The amount of assistance may increase or decrease from one year to the next depending upon educational costs, the financial circumstances of the family and the level of program funding.

A number of applications are randomly selected for verification purposes each year. When students' applications are selected, they will be required to submit documentation as requested to verify specific information from their financial aid application. Failure to submit the appropriate documentation in a timely manner will prevent the award of federal financial aid.

GRANTS

Federal Pell Grant

This federal aid program is designed to assist undergraduate students who demonstrate they are unable to attend college without financial assistance. This form of financial assistance is a grant with no repayment required. Applicants must be enrolled at Abraham Baldwin in a degree program and be citizens or permanent United States residents. The amount of the grant is governed by financial need and the cost of attending ABAC for an academic year. The duration of the students' eligibility for a Pell Grant is limited to the time students are enrolled in an undergraduate degree or certificate program of four years or less and are making satisfactory academic progress. Application is made by completing the FAFSA online.

Federal Supplemental Educational Opportunity Grant (SEOG)

Grants ranging from \$100 to \$4,000 per academic year are available through this federally funded program. These grants are awarded to students who have demonstrated financial need. Grants are renewable each year during undergraduate study, provided students show satisfactory academic progress and financial need. Funding for this program is limited, so not all students who are eligible will receive an SEOG award. Application is made by completing the FAFSA.

Helping Outstanding Pupils Educationally (HOPE)

The HOPE Scholarship and Zell Miller Scholarship are funded by the Georgia Lottery for Education and are available to eligible Georgia high school graduates. Students may gain HOPE eligibility by having a 3.0 overall GPA at the 30th, 60th, or 90th attempted hour. Full time enrollment is not a requirement.

Students attending public colleges or universities receive a HOPE Award Amount based upon a per hour rate payable up to 15 hours at the institution they are attending. Grade point eligibility for entering freshmen is based on a minimum final high school core curriculum of 3.0, and for Zell Miller a minimum 3.7 grade point average combined with a minimum score of 1200 on the math and reading portions of the SAT test or a minimum composite score of 26 on ACT as determined by the high school and reported to the Georgia Student Finance Commission (GSFC).

ABAC students currently receiving HOPE or Zell Miller may renew the scholarship based on ABAC's certification of their grade point eligibility on their course work attempted and the completion of their financial aid application. All HOPE Scholarship recipients must have a 3.0 GPA and Zell Miller must have a 3.3 GPA (however, they can continue with HOPE if they fall below 3.3 and have at least a 3.0) at the end of having attempted 30 hours, 60 hours, 90 hours, AND at the end of each spring semester, to continue their eligibility. If new students are enrolled in fewer than twelve (12) credit hours for each of their first three terms in a row, they are considered a three-term checkpoint and are checked at the end of the third term. After the three-term checkpoint is applied once to students, the end-of-spring checkpoints must be applied to the students regardless of the number of hours enrolled each term.

Students who have lost HOPE eligibility may regain it upon having attempted 30 hours, 60 hours and 90 hours, if their GPA has reached 3.0. But HOPE eligibility cannot be gained or regained at the end-of-spring check point. HOPE Scholarship recipients will have a paid hours limit in addition to an attempted hours limit. The total cumulative credit hours for which students can receive payment from any combination of credit hours from the Accel (through Spring term 2011) program plus HOPE Grant hours plus HOPE Scholarship hours are 127 semester hours

Students applying for HOPE must complete a FAFSA or the GSFApps (state application at www.gacollege411.org). Transfer students who previously received HOPE at other institutions will be evaluated on the basis of their GPA on all previous course work attempted after high school graduation. HOPE recipients who wish to enroll as transient students at other HOPE eligible institutions are eligible to receive HOPE funds at the host institution.

LOANS

Federal Direct Parents Loan to Undergraduate Students (PLUS)

Parents may borrow up to the cost of attendance minus any other financial aid per academic year on behalf of eligible dependent students. Applicants do not have to demonstrate financial need. Application is made by completing the FAFSA and Direct Parent Loan Application.

Federal Direct Loans

Students may qualify for a “subsidized” Federal Direct Loan which is based on financial need. The federal government will pay the interest on the subsidized loan while students are in college. Students may qualify for an “unsubsidized” Federal Direct Loan, regardless of need. Interest will accrue on unsubsidized loans during the in-school and repayment periods. Dependent undergraduate students can borrow up to \$5,500 as a freshman; up to \$6,500 as a sophomore; and \$7500 for each year beyond sophomore status. Independent undergraduate students and students whose parents are unable to obtain the PLUS Loan can borrow up to \$9,500 as a freshman (at least \$6,000 of this amount must be unsubsidized); up to \$10,500 as a sophomore (at least \$6,000 of this amount must be unsubsidized); and up to \$12,500 for each year beyond sophomore status (at least \$7,000 of this amount must be unsubsidized). Applicants will complete the FAFSA to determine eligibility. Direct Loans for first-time borrowers carry a variable interest rate, capped at 8.25%. An origination fee of varying amounts may be deducted from the students’ loan proceeds. Repayment is not required as long as students are enrolled at least half-time. Students will have a six-month grace period after they cease to be enrolled before repayment must begin. The total outstanding loans that dependent undergraduate students may have cannot exceed \$31,000. Independent undergraduate students may borrow up to a total of \$57,500.

These annual loan limit amounts are the maximum yearly amounts students can borrow in both subsidized and unsubsidized loans. Students can have one type of loan or a combination of both. Students cannot borrow more than their cost of attendance minus any other financial aid received. Also, students must be enrolled at least half-time in a qualifying program of study and must complete online Entrance Counseling and a Master Promissory Note.

WORK OPPORTUNITIES

Federal Work-Study Program (FWS)

Students who qualify (by completing the FAFSA) may work on campus or at an approved off-campus location to help earn money to satisfy educational expenses. To qualify for FWS, students must be permanent residents or citizens of the United States, registered at ABAC, show financial need, and make satisfactory academic progress. Federal Work-Study is awarded on a first come, first served basis.

Regular Work Program

A few jobs are also available to students under the regular program of work. The College provides information concerning these opportunities. Please check the Human Resources web site for jobs available for FWS and regular positions. <http://www.abac.edu/more/human-resources/employment-opportunities>

FOUNDATION SCHOLARSHIPS

Each scholarship offered via the ABAC Foundation, Inc. will be awarded on the basis of pre-determined criteria mutually agreed upon by the College, the Foundation, and the Donor that recognize the donor’s affiliation with the institution while supporting the needs of ABAC and its students. These criteria include, but are not limited to, prior academic achievement and exceptional leadership. Economic need is not a criterion for the selection of recipients except where specifically stated. Scholarships are generally awarded for a two-semester period, with half of each award payable each semester unless specifically otherwise allowed by scholarship criteria. In the case of scholarships that carry awards for more than one semester, recipients must maintain a minimum grade point average (GPA) established by the College throughout the period of the award and must not drop below a full load during the semester unless otherwise allowed by scholarship criteria. Transfer to another institution will result in the termination of a scholarship. Withdrawal will result in termination unless withdrawal was for circumstances beyond the student’s control. Unused portions of a scholarship resulting from withdrawal during a semester, failure to maintain the prescribed GPA, or suspension will revert to the scholarship fund. Reinstatement of the scholarship after withdrawal must be initiated by students where permitted by the fund agreement; however, a request for reinstatement of a forfeited scholarship award does not guarantee reinstatement. Any deviation from this standard requires written approval from the Provost and Vice President for Academic Affairs and the Foundation’s Chief Operating Officer. Scholarships are awarded based upon availability of funds, as determined by the Abraham Baldwin Agricultural College Foundation, Inc. All scholarships may not be available for award during a given academic year. Detailed information for ABAC Foundation Scholarships and the application process may be obtained from the Office of Academic Affairs or online at www.abac.edu/funding-my-education/scholarships.

EXTERNAL SCHOLARSHIPS

The ABAC web site provides links to several financial aid related web sites. These web sites can be used by ABAC students for assistance in locating outside scholarship sources. For further information on this service, contact the Office of Financial Aid. This listing of outside sources of financial aid is provided as a service to ABAC students. Students are encouraged to actively research and seek out other possible sources of financial aid and/or scholarships.

STUDENTS' RIGHTS AND RESPONSIBILITIES

Students receiving financial aid have rights and responsibilities. Student applicants must, without exception, report any of the following changes to the Office of Financial Aid: (a) withdrawal from school, (b) transfer to another school, (c) any change in enrollment status, (d) name changes, (e) address change or parents' address change, and (f) joining military service.

Students are responsible for obtaining, completing, and filing the proper financial aid application, statements, forms, etc., each year on a timely basis. Students have the right to seek and receive full information and counseling from the Office of Financial Aid in regard to any financial aid matter. If the family's financial circumstances have changed due to death, divorce, marriage, disability, long-term unemployment or low income, students' eligibility may change. Students must take the initiative in notifying the Office of Financial Aid of these changes.

Correct information must be provided on all financial aid forms. False reporting of information on financial aid application and/or forms is a violation of law and may be considered a criminal offense which could result in indictment under the U.S. Criminal Code.

Students applying for financial aid must return all additional documentation, verification, corrections, and/or new information requested by either the Office of Financial Aid or the agency to which the financial aid application or confidential statement was submitted.

Students are responsible for reading and understanding all forms requiring signature and for obtaining copies of them. Students must accept responsibility for all agreements signed. Students are also responsible for understanding the College's refund policies and procedures.

REFUND POLICY

Students who withdraw from college may be entitled to a refund depending on the date of withdrawal. Any refund to which students receiving financial aid may be entitled will be first applied against accounts in the following priority:

- Unsubsidized Federal Direct Loans
- Subsidized Federal Direct Loans
- Federal PLUS Loans
- Federal Pell Grants
- Federal SEOG
- Other Title IV financial aid programs
- Other federal, state, private or institutional sources of aid
- Student

SATISFACTORY ACADEMIC PROGRESS

The Higher Education Act of 1965, as amended by Congress, mandated institutions of higher education to establish minimum standards of "satisfactory progress" for students receiving financial aid. The College makes these standards applicable to all institutionally awarded federal and state funds to include Federal Pell Grant, Federal Supplemental Educational Grants, Federal Work-Study, HOPE Scholarships, Federal Direct Student Loans, and Federal Direct Parent Loans (PLUS) to Undergraduate Students, for the purpose of maintaining a consistent policy for all students receiving assistance.

Effective with the beginning of the Spring Term 2011, the following standards will apply to all students receiving any type of financial aid outlined above. Satisfactory academic progress must be maintained by satisfying three requirements: the GPA Rule, 67% Successful Completion Rule, and the 150% Maximum Time Frame Rule.

- **First Semester and Transfer Recipients**

To receive federal financial assistance for the first time at ABAC, each eligible person will have met the admission requirements of the College.

- **Continuing Recipients**

Students will be expected to achieve certain minimum levels of progress toward the successful academic completion of course requirements for a degree or certificate. Progress is measured both quantitatively and qualitatively. At ABAC, standards for maintaining such progress are as follows.

- **GPA Rule**

To maintain eligibility for financial aid, students must maintain a minimum OVERALL GPA (OGPA) of 2.0. The OGPA will be checked at the end of each term for satisfactory academic progress. The OGPA includes grades of A, B, C, D, F, and WF. WF (withdrew with a failing grade) counts as an F. All grades for repeated coursework will count in the GPA calculation. All courses that are transferred in from another institution will also count. Students do not earn quality points for incomplete grades until the grade is resolved. Learning Support, repeated, and transfer courses are included in the calculation of the GPA.

- **67% Successful Completion**

Students must successfully complete a minimum of 67% of the cumulative credit hours attempted. Satisfactory completion is defined as a letter grade of A, B, C, D, S or IP. Unsatisfactory completion is defined as a letter grade of F, I, U, W, or WF. Learning Support, repeated, and transfer courses are included in the calculation of completions.

- **150% Maximum Timeframe**

Federal regulations limit receipt of federal financial aid to no more than 150% of the course work required for any particular degree or certificate. Learning Support credits, transfer credits, and repeated credits will all be included in the hourly limitation.

<i>Program Requirement</i>	<i>Maximum Attempted Credits</i>
30	45
60	90
120	180

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP) TESTS

If credit is earned via a CLEP test, the results are recorded by course, course number, and semester hours earned. Successful CLEP tests are credited toward graduation. Successfully completed tests will be counted in the maximum timeframe to complete a program but not in the GPA or successful completion calculation. A grade of K is awarded for successful CLEP tests in which students earn the minimum score.

EVALUATION PERIODS AND COMMUNICATION

The Office of Financial Aid will evaluate satisfactory academic progress at the end of each term. All credit hours are measured whether the student received financial aid or not to pay for those credits. Students will not receive credit hours earned for courses that are audits. Withdrawals and Incompletes are counted as attempted courses and these grades will negatively affect a student's satisfactory academic progress.

All communications regarding satisfactory academic progress will be sent by mail and email after all grades have been posted and the evaluations complete. The status is also posted in the Financial Aid Status section of students' Banner accounts. In addition, letters are sent via the US Postal Service when students have utilized their appeal process.

APPEAL PROCESS

Students with mitigating circumstances may appeal financial aid ineligibility in writing. All students must complete the Satisfactory Academic Progress Appeal form and submit all of the documentation requested on the form. Failure to supply all of the requested documentation by the appeal deadline will result in a continued

suspension until the next appeal deadline for a future semester. All appeals should be forwarded to the Office of Financial Aid by the published deadline.

Mitigating circumstances are defined as unanticipated and unavoidable events or situations beyond students' control that prevent them from successfully meeting the standards of academic progress.

If an appeal is granted, students are expected to adhere to all the stipulations set forth in the reinstatement letter as well as any academic plans that are required for the students to regain compliance with the standards as outlined above. Students who regain eligibility and subsequently fail to maintain progress or fail to abide by the stipulations for reinstatement are no longer eligible for appeal.

If the appeal is denied, the students will need to enroll using their own resources until they are in compliance with the measures of academic progress for financial aid.

Levels of Appeal

Financial Aid Office: Students may submit a written appeal, including any appropriate third-party documentation of the circumstances. Students are encouraged to present at least one letter of support from their academic advisor or a faculty member familiar with their situation. A financial aid counselor will notify students in writing of a decision within two weeks of submission of all requested documents. The financial aid counselor reviewing the file reserves the right to advise students as to their course load and the possible need for counseling and/or academic advisement. The Financial Aid Office will hear only one appeal per student per circumstance.

Director of Financial Aid: Students who have had their initial appeal denied by a counselor may request a meeting with the Director of Financial Aid to present additional information that may not have been included in the initial appeal. The Director will inform such students in person and/or in writing of the appeal decision. The Director will read only one appeal per student per circumstance.

Student Financial Aid Appeals Committee: Students who have been denied by both a counselor and the Director of Financial Aid are eligible to appeal to the Student Financial Aid Appeals Committee if they can reasonably show that one of the following has occurred:

- The student has not received due process.
- The student is the object of discrimination.
- The student has not been treated in an equitable manner.
- The decision of the Financial Aid Counselor or Director of Financial Aid was arbitrary and capricious.

Students seeking to appeal to the Student Financial Aid Appeals Committee should do so in writing. The written appeal should contain an explanation of why an additional appeal should be heard, based on the criteria above. The written appeal should be submitted to the Financial Aid Office at least two weeks before the beginning of the semester for which the student is seeking to be reinstated. The Committee meets to review appeals once at the beginning of each semester and will notify students in writing of their appeal decision. The decision of the Student Financial Aid Appeals Committee will be final.

FINANCIAL AID WARNING STATUS

The Financial Aid Warning status is used for students who are not meeting (1) the overall GPA, (2) 67% completion requirement for the first time, or (3) the 150% time frame requirement (if they are within one term of graduation). *Students must notify the Office of Financial Aid, if they are within one term of graduation.* Students who are placed on financial aid warning are not required to appeal. Financial aid warning is an automatic grace period that allows students one term to satisfy the standards of academic progress. A student can be placed on warning only once.

FINANCIAL AID SUSPENSION STATUS

Students who are not making satisfactory progress at the end of the semester they are on Financial Aid Warning will be placed on Financial Aid Suspension and will not be eligible for financial aid until they are again making progress. Students may appeal if they have special circumstances.

FINANCIAL AID PROBATION STATUS

All students who have been reinstated to financial aid eligibility through appeal are reinstated on a provisional basis. Students who are reinstated on provisional/probationary status and are expected to satisfy the standards of academic progress after one term of attendance will not require an academic plan. Students who are reinstated on provisional/probationary status and are not expected to satisfy the standards of academic progress after one term of attendance will require an academic plan. Provisional/probationary students for purposes of financial aid will continue to be eligible for financial aid as long as the students adhere to the reinstatement conditions and academic plan as outlined in the agreement.

The purpose of the academic plan is to ensure the students satisfy the standards of progress within a specified time period or are able to complete a program of study successfully within a specific time frame.

UNUSUAL ENROLLMENT HISTORY

Beginning with the 2013–14 award year, the U.S. Department of Education added the Unusual Enrollment History (UEH) Flag to the Institutional Student Information Record (ISIR). The purpose of the UEH Flag is to identify instances of potential fraud and abuse of the Federal Pell Grant Program.

Although some students have legitimate reasons for unusual enrollment histories, other students may enroll in post-secondary schools long enough to receive credit balance payments, leave the institutions, and repeat the process at other schools.

Students with an unusual enrollment history, based on the school's criteria, will have one of the following UEH flags and C codes on their ISIRs.

UEH Flag Value	C Code	Comment Code	Flag Description	School Action to Resolve Flag
N	No	None	Enrollment pattern not unusual	No school action required.
2	Yes	359	Possible enrollment pattern problem	School must review enrollment/academic and financial aid records for past four years.
3	Yes	360	Questionable enrollment pattern	School must review enrollment/academic and financial aid records for past four award years.

Determining Title IV Aid Eligibility

ABAC has established policies and procedures to determine whether the documentation obtained supports the student's explanation and demonstrates that the student did not enroll for the purpose of receiving a Title IV credit balance payment. ABAC must document the decision in the student's file.

Eligibility Approved

If the documentation supports an assertion that the student did not enroll in multiple schools/programs solely to obtain the credit balance payment, the student is eligible for additional Title IV funds. ABAC must document its determination in the student's file and process the student's Title IV aid accordingly.

Eligibility Denied

The student loses eligibility for all Title IV aid if both of the following are true: (1) The student did not earn academic credit at one or more of the prior schools. (2) After reviewing a student's submitted UEH Appeal Form, ABAC determines that the documentation fails to disprove that the student enrolled in multiple programs solely to obtain the credit balance payment.

ABAC must document its determination in the student's file and provide the student with an opportunity to question and appeal the decision. The Office of Financial Aid will also provide students with information about regaining eligibility.

Reinstatement of Eligibility

All students who have lost eligibility for all Title IV aid and would like to appeal for reinstatement must complete a UEH Appeal Form. If granted, students must adhere strictly to all conditions of their reinstatement.

Note: The school's policies require that the student complete academic credit as at least a part of the basis for a UEH appeal and potential reinstatement of Title IV aid.

When students regain eligibility under these provisions, eligibility for Pell Grant and campus-based aid begins in the payment period during which the students regained that eligibility. For Direct Loans, eligibility begins with the period of enrollment during which the students regained eligibility.

AVAILABILITY OF FUNDS

The Office of Financial Aid awards aid on a first come first served basis. Students who have their financial aid awards cancelled for failure to satisfy the standards of academic progress should be aware that receipt of originally awarded funds following reinstatement depends upon whether those funds have been awarded to other students and are available.

HOPE SCHOLARSHIP PROVISIONS

To maintain eligibility for the HOPE Scholarship, degree-seeking HOPE scholars have the following additional GPA requirements, as set forth by the State of Georgia: Such students will be required to demonstrate a minimum overall GPA of 3.00 when they have attempted 30, 60, and 90 hours and at the end of the spring term.

NURSING AND PRE-NURSING STUDENTS

Nursing students should be aware that additional requirements must be met for the successful completion or entry into the program. Students must consult with their advisor to ensure they are on track for successful completion of the program.

Note: *All nursing and pre-nursing students who transfer credit to ABAC must also be in compliance with the GPA Rule, 67% Successful Completion, and 150% Maximum Timeframe at the time of admission.*

LEARNING SUPPORT CREDITS

Learning Support credits will be added to the number of credit hours needed for degree completion and evaluated as stated above.

ENGLISH AS A SECOND LANGUAGE (ESL)

English as a Second Language courses are not required for degree completion and, therefore, do not increase the maximum timeframe for program completion.

STUDENT SERVICES

NOTICE OF NON-DISCRIMINATION

Abraham Baldwin Agricultural College (ABAC) does not discriminate on the basis of race, color, national origin, gender or sex, disability, religion, age, veteran status, or genetic information in its programs and activities, including admissions and employment, as required by Title IX of the Education Amendments of 1972, the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, Titles VI and VII of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, and other applicable statutes, regulations, and USG and ABAC policies.

ABAC prohibits inappropriate conduct based on gender or sex, sexual discrimination and harassment, sexual assault and sexual violence in its programs and activities. Sexual harassment is unwelcome conduct of a sexual nature, including sexual advances, requests for sexual favors, or other verbal or physical conduct of a sexual nature such as sexual touching, sexual comments, jokes, or gestures, or distributing sexually explicit material. Sexual violence is a physical sexual act taken against a person's will or when a person is incapable of consenting due to alcohol or drug use. Sexual violence includes rape, sexual battery, and sexual coercion.

The following person has been designated as the Title IX Coordinator to serve as the campus coordinator for overall Title IX campus compliance and discrimination policies relating to the employment arena: Richard L. Spancake, Director of Human Resources/Title IX Coordinator at 229-391-4887 or rspancake@abac.edu.

ABAC Title IX Deputy Coordinators for students: Bernice Hughes, Dean of Students at 229-391-5129 or bhughes@abac.edu and Alan Kramer, Athletic Director/Assistant Dean of Students at 229-391-4928 or akramer@abac.edu. Students and employees are encouraged to report issues involving inappropriate conduct/harassment/ discrimination based upon protected factors. Sexual assault and sexual violence should be immediately reported to the ABAC Police Department at 229-391-5660 or if off campus call 911.

For confidential counseling and assistance: Contact Dr. Maggie Martin, at 229-391-5135, mmartin@abac.edu or Shubha Chatterjee at 229-391-5135 or schatterjee@abac.edu.

Responsible employees have an obligation to report issues regardless of whether information is witnessed firsthand, second hand, or rumored whether confirmed or not. Responsible employees include: All ABAC Managers/Deans, Department Heads, Community Assistants (CA's), school and department administrative assistants, and ABAC Health Clinic employees.

ABAC also prohibits discrimination on the basis of disability in its programs and activities, including admissions, employment, treatment, and access. The following person has been designated to handle inquiries or assistance - Dr. Maggie Martin, Director of Student Development and Counseling at 229-391-5135 or mmartin@abac.edu.

STUDENT DEVELOPMENT CENTER

The Student Development Center provides services without charge to any currently enrolled student to facilitate achieving maximum educational development under a holistic approach. Services include personal counseling by Licensed Professional Counselors, career development and placement counseling, ADA compliance, disability services, and medical withdrawals. Testing Services include a fee. The Center is located on the first floor of the Carlton Center.

Direct correspondence to Dr. Maggie Martin, Director of Student Development, ABAC 48, 2802 Moore Highway, Tifton, GA 31793. The phone number is 229-391-5135, and the e-mail address is mmartin@abac.edu.

Disability Services

The College complies with the Rehabilitation Act of 1973, Section 504; the 1990 Americans with Disabilities Act; the ADA Amendments Act of 2008; and the policies of the Board of Regents of the University System of Georgia. ABAC seeks to assist students with disabilities in gaining equal educational opportunities by providing reasonable accommodations for those who are qualified. Students with a learning disability; attention deficit disorder; physical, mental, psychiatric, emotional, visual, and/or a hearing impairment must contact the College

at least two months prior to the first day of class with appropriate documentation of the disability to have accommodations in place prior to the beginning of class. Documentation must be approved before accommodations can be allowed. Students with physical disabilities who plan to live on campus must give the ABAC Housing Office at least two months advance notice so that living accommodations can be arranged.

Anyone with any impairment should contact the Student Development Center, located on the first floor of the Carlton Center.

Counseling

The Student Development Center's Licensed Professional Counselors provide a wide variety of services to promote personal growth and development and to help students address problems of daily living. These services include personal, individual or group counseling; values assessment and decision making; study skills assessment programs; and interpersonal skills training. Other educational opportunities such as leadership training, human relations skill building, assertiveness training, substance use assessments, art therapy, and stress and anxiety management are provided. In addition, proactive and preventative group workshops, programs and outreach services are available. Consultation, referral services, and crisis intervention services are also provided.

Testing

National and college-wide test administrations are offered such as the NSAT, ACT, Residual ACT, CLEP, MELAB, MET, CAT, DSST (formerly DANTES), and individual test proctoring services for eCore and other web-based and distance learning classes. Individual personality testing services are utilized by the counselors when appropriate.

Career Development

The Career Development component of the Student Development Center assists students in assessing choices of academic majors and career alternatives under a life span perspective. These choices are guided through individual career counseling and exploration utilizing interest, skills, values and abilities inventories, and other testing. The Center also offers the use of computerized career planning programs. Information about other colleges and universities is available for students desiring to transfer.

Career Placement Counseling

The Career Placement Counseling component assists students with the transfer process, career job search strategies, and/or plans for graduate school. This component offers resume writing, interviewing, dress for success and job search strategies through individual and group sessions and workshops available to all students upon request. Students are encouraged to utilize these services early in their college career as well as close to their graduation date to best build a competitive resume and portfolio.

Student Administrative Withdrawals

Students may be administratively withdrawn from the College if they suffer from a physical, mental, emotional, and/or psychological health condition which satisfies one of the following criteria:

- a) poses significant danger or threat of physical harm to the student or to the person or property of others
- b) causes the student to interfere with the rights of other members of the college community or with the exercise of any proper activities or functions of the College or its personnel
- c) causes the student to be unable to satisfy institutional requirements for admission and continued enrollment, as defined in the Student Conduct Code and the Catalog.

This determination is decided by the Provost and Vice President for Academic Affairs in consultation with the Director of Student Development, and/or the College Student Health Center Coordinator, and/or the Dean of Students.

Except in emergency situations, students shall, upon request, be accorded an appropriate hearing prior to final decision concerning their continued enrollment at the College. Policies and appeal procedures are contained in the Student Code of Conduct section of the *Student Handbook* which is available at <http://www.abac.edu/student-life/dean-of-students-resources-services/student-handbook>.

Medical Withdrawal

Prior to mid-term, medical withdrawals are the same as any other official withdrawal from the College. Students will receive “Ws” in all classes. However, students are encouraged to complete the medical withdrawal process if appropriate, even if the withdrawal is before mid-term. After mid-term, students seeking a medical withdrawal must submit the appropriate medical documentation on a medical doctor’s letterhead, signed by a physician who is not a family member, to the Student Development Center. If it is determined that a student must withdraw from classes for a given term for medical reasons, the Student Development Office will notify the student’s instructors, the Registrar’s Office, Financial Aid Office, Enterprise Information Services, and the Housing Office. Students will be given the grade of “W” in all classes if they had passing grades in their class at the time of withdrawal. If the students were not passing at the time of withdrawal, the assignment of a “W” is strictly up to the individual instructor’s discretion. In all cases, students should make every effort to keep instructors informed of any situation which affects class attendance. A medical withdrawal is for the **student’s** illness or medical issue only.

Medical Withdrawals for Prior Semesters

Medical withdrawals for prior semesters will be granted only if students can provide adequate documentation that the medical condition for which the students withdrew was such that the students or family members could not contact the College before the semester ended.

HEALTH CENTER

The College provides students with health care services and health-related educational programs consistent with its mission and reflecting the needs of the campus community. The ABAC Health Center is located in the Health Sciences Building, and is accessed using the rear entrance. The Health Center is staffed by physicians, nurses, and nurse practitioners who provide care for acute illnesses, minor injuries, immunizations, women’s health. All health records are held in strict confidence by the Health Center staff, and the Health Center complies with the federal Health Insurance Portability and Accountability Act (HIPAA).

Student Health Center Hours

Monday - Thursday, 8:30 a.m.-4:30 p.m., and Friday, 8:30 a.m.-2 p.m.

The Health Center is open from the first day of classes until the final day of final examinations each semester for patient care. The Health Center is open during semester breaks for immunizations and access to records. Visit the Health Center web site at <http://www.abac.edu/student-life/health-center> for updated information on hours and services.

Students with serious illness or injury should seek emergency health care in the community or call “911”.

Charges may apply to cover the cost of some medical supplies, laboratory tests, immunizations, and medications. The Health Center has a limited formulary of the most commonly used prescription and non-prescription medications used in college health. Students seeking health care in the community by referral from the Health Center are responsible for any costs incurred.

Student Health Insurance Plan

ABAC’s Student Health Insurance Plan (SHIP) is a comprehensive health insurance plan available to students. This plan complies with the Affordable Care Act (ACA) requirements. Health insurance is required of athletes, international students holding J or F visas and nursing students. All other students should strongly consider obtaining health insurance from this or another source. Parents and students may find ABAC’s SHIP is an affordable alternative for health insurance. More information can be found regarding SHIP at <https://studentcenter.uhcsr.com/abac>

Using Health Insurance at the Health Center

The Health Center accepts all major insurances. Students are encouraged to bring their health insurance cards to the Center when they come for services. Insurance will be filed for clinic visits. The cost of the visit is applied to the deductible, and the Health Center does not bill the patient for the unpaid balances.

Required Immunizations

Students must submit a certificate of immunization to the Admissions Office prior to admission to the College. This form is part of the admission paperwork.

MMR:	Students born in 1957 or later must prove immunity to measles, mumps, and rubella by taking two Measles, Mumps, and Rubella (MMR) vaccinations or by providing laboratory evidence of immunity.
TDAP:	Students must have taken a Tetanus-Diphtheria-Pertussis (TDAP) booster within 10 years of acceptance.
Varicella	Students must prove immunity to varicella (chicken pox). This proof may be established by giving a history of chicken pox or shingles illness to a health care provider with the date of illness or by taking two varicella vaccinations or by providing laboratory evidence of immunity.
Hepatitis B:	Students under the age of 19 years must prove immunity to Hepatitis B. This proof may be established by taking three Hepatitis B vaccines or providing laboratory evidence of immunity.
Meningitis:	Students planning to reside in campus housing must receive information regarding meningococcal disease. For students electing to take the vaccine, one dose is recommended with a booster in five years. Otherwise, students must sign a form that documents that they decline the vaccine.

Note: Students are strongly encouraged to make a copy of their immunization records and keep these records among their important papers.

CAMPUS HOUSING AND RESIDENTIAL LIFE

Campus residential life is an important part of the college experience. On-campus living is much more than simply a convenience to students. Students living in a community of fellow students are positively influenced with regard to retention, personal growth and development, participation in extra-curricular activities, and overall successful adaptation to the college experience.

To facilitate students' success and to help them make a successful transition to college, Abraham Baldwin Agricultural College has a Freshman Residency Requirement. All freshmen who have earned fewer than 24 semester hours of collegiate level credit and who have not satisfied Learning Support requirements are required to live on campus. To be exempted from this requirement, a student must apply for exemption (<http://www.abac.edu/student-life/housing-why-live-on-campus/student-forms-and-resources>) and satisfy one of the following criteria (documentation must be provided):

- Living with and commuting daily from the legal residence of a parent, legal guardian, or grandparent within a 50-mile radius of Tifton;
- Married;
- Single parent;
- 21 years of age prior to September 1 of the academic year.

ABAC Lakeside provides housing for 489 freshmen in two-person and four-person suites. Rooms in each suite are fully furnished with a bed, chest of drawers, desk, and chair. Kitchenettes in each suite contain a full-size refrigerator, microwave, and sink. All utilities, including wireless connectivity and cable television, are provided. A cyber café, convenience store, social lounge, laundry facilities, and community kitchen are located on the main floor of Lakeside. Study rooms are located throughout the building.

ABAC Place has 835 beds in apartment-style units. The majority of the apartment units are 4-bedroom, 2-bathroom, but a limited number of 3-bedroom, 2-bathroom, and 2-bedroom, 2-bathroom units are also available. Each private bedroom is fully furnished with a full bed, chest of drawers, built-in desk, and chair. The

common living room is furnished with a sofa, oversized chair, and tables. Kitchens are equipped with dishwashers, microwaves, garbage disposals, full-size ranges, and refrigerators. Cable television and high speed internet access are also available in each apartment unit. Laundry facilities and group study spaces are located on each floor of the apartment complex.

ABAC Place also includes the Town Hall. This facility contains administrative offices, recreational facilities, a fitness center, group meeting space, a computer lab, and a convenience store.

In accordance with state law, all students living in on-campus housing are required to be vaccinated against meningitis or to document that they are aware of the vaccine but elect not to be vaccinated. The meningitis vaccine may be obtained from any local health department or physician, or through the ABAC Health Center.

Housing facilities at ABAC are managed by Corvias Campus Living. Any facility-related issues at ABAC Place or Lakeside should be directed to the Corvias representative located in Town Hall or by calling 229-391-5350. Residents may also submit work orders for specific issues via the work order link at www.abac.edu/housing.

Housing is available to students during the fall, spring, and summer semesters. All students must move out of housing during the break between the summer and fall semesters to allow Corvias Campus Living and Residence Life the opportunity to prepare the building for the next academic year.

For more information about on-campus housing, contact the ABAC Housing office at 229-391-5140 or visit <http://www.abac.edu/housing>.

STUDENT CONDUCT

All students are subject to the regulations outlined in the *Student Handbook* which is available at <http://www.abac.edu/student-life/dean-of-students-resources-services/student-handbook>, or from the Dean of Students.

Students are also subject to city, state, and federal law. The College will not intervene nor ask special treatment for students who have violated any law.

College regulations apply to both on- and off-campus students. The College reserves the right to apply the Code of Conduct to students' actions which occur off-campus when students' behavior and conduct pose a risk or threat to the ABAC community and/or the normal operation of the College.

VIOLATIONS

The action of students who violate College regulations regarding conduct may result in expulsion, suspension, disciplinary probation, disciplinary warning, restriction, restitution, or other appropriate actions. The nature of the offense will determine the severity of the punishment.

Students who have been accused of violation of the Code of Conduct may have the case heard by the Dean of Students or his/her designee, or the case may be referred to the Student Conduct Committee. Students will be given written notification of a hearing at least three days before the hearing is scheduled. They will also be informed of the charges against them and of their right to counsel. The Student Conduct Committee will hold a hearing and make its recommendations regarding disciplinary action. Appeals may be made in accordance with the *Student Handbook*, which is available at <http://www.abac.edu/student-life/dean-of-students-resources-services/student-handbook>, and the published policy of the Board of Regents.

Students who are charged with a violation of state or federal law are subject to disciplinary action by the College while the case is pending. When severe violations of state or federal law occur, students may be administratively suspended until the hearing is concluded.

Students who are guilty of violating College regulations or who are financially indebted to the College will not be eligible for readmission until they receive the appropriate clearance. Under these circumstances, students' ineligibility for readmission will become a part of their record.

BOARD OF REGENTS' STATEMENT ON DISRUPTIVE BEHAVIOR

The following is the policy of the Board of Regents regarding disruptive behavior in any institution of the University System.

The Board of Regents of the University System of Georgia reaffirms its policies to support fully freedom of expression by each member of the academic community and to preserve and protect the rights and freedom of its faculty members and students to engage in debate, discussions, peaceful and non-disruptive protest and dissent. The following statement relates specifically to the problem described below. It does not change or in any way infringe upon the Board's existing policies and practices in support of freedom of expression and action. Rather, it is considered necessary to combat the ultimate effect of irresponsible disruptive and obstructive actions by students and faculty which tend to destroy academic freedom and the institutional structures through which it operates.

In recent years, a serious problem has appeared on many college and university campuses in the nation. Some students, faculty members, and others have on occasion engaged in demonstrations, sit-ins, and other activities that have clearly and deliberately interfered with the regular and orderly operation of the institution concerned. Typically, these actions have been the physical occupation of a building or campus area for a protracted period of time or the use of display of verbal or written obscenities involving indecent or disorderly conduct.

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

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

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

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

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

The Board of Regents understands that this policy is consistent with resolutions adopted by the American Association of University Professors in April, 1968, and by the Executive Committee of the Association for Higher Education in March, 1968, condemning actions taken to disrupt the operations of institutions of higher education. (Minutes, 1968-69, pp.166, 169).

DRUG FREE SCHOOLS POLICY STATEMENT

To comply with the Drug Free Schools and Communities Act Amendments of 1989 (Public Law 101-226), the College hereby prohibits the unlawful possession, use, or distribution of drugs and alcohol by students and employees on the properties of ABAC and will impose sanctions on students and employees which are consistent with local, state, and federal law. (See *Student Handbook* at <http://www.abac.edu/student-life/dean-of-students-resources-services/student-handbook> and the *Policy Manual* at <http://www.abac.edu/more/employees/additional-resource>.)

TOBACCO AND SMOKE-FREE CAMPUS POLICY STATEMENT

In accordance with the Georgia Smoke Free Air Act of 2005, Title 31 Chapter 12A, this policy reinforces the USG commitment to provide a safe and amicable workplace for all employees. The goal of the policy is to preserve and improve the health, comfort, and environment of students, employees, and any persons occupying our campuses.

The use of all forms of tobacco products on property owned, leased, rented, in the possession of, or in any way used by the USG or its affiliates is expressly prohibited. "Tobacco Products" is defined as cigarettes, cigars, pipes, all forms of smokeless tobacco, clove cigarettes, and any other smoking devices that use tobacco such as hookahs or simulate the use of tobacco such as electronic cigarettes.

Further, this policy prohibits any advertising, sale, or free sampling of tobacco products on USG properties unless specifically stated for research purposes. This prohibition includes but is not limited to all areas indoors and outdoors, buildings and parking lots owned, leased, rented or otherwise used by the USG or its affiliates. The use of tobacco products is prohibited in all vehicles – private or public vehicles - located on USG properties.

This policy applies to all persons who enter the areas described above, including but not limited to students, faculty, staff, contractors and subcontractors, spectators, and visitors. All events hosted by a USG entity shall be tobacco-free. All events hosted by outside groups on behalf of the USG shall also be tobacco-free.

STUDENT ACTIVITIES

ABAC is committed to the philosophy that in a total educational process the student activity program should supplement the academic program and that such a program should be student oriented. Faculty and staff members act as advisors, but students plan and implement the programs. The College provides a variety of extra-curricular activities that not only supplement the academic program but also provide training and leadership opportunities as well as entertainment. To keep the student activity program one of the best in the state, each student is personally encouraged to take part in one or more of the programs offered. For an updated list of the Clubs and Organizations on campus visit <http://www.abac.edu/student-life/campus-life/clubs-organizations>. A more complete description of each club can be found in the *Student Handbook* at <http://www.abac.edu/student-life/dean-of-students-resources-services/student-handbook>.

New clubs can be chartered through the Inter Club Council and with the approval of the Dean of Students Office.

STUDENT GOVERNMENT ASSOCIATION

The Student Government Association (SGA) is made up of a President, Vice-President, and six Senators—one from each school: Agriculture and Natural Resources, Liberal Arts, Human Sciences, Nursing and Health Sciences, Science and Mathematics, and the Stafford School of Business. The SGA serves as a voice and representative for the student body, and provides opportunities for leadership development and service. This group serves to maintain and strengthen the bonds among students, faculty, and administration, recognizing that a characteristic of an educated person is the ability to cooperate with colleagues. The Dean of Students is the administrative advisor for the SGA. Advisors are selected from the faculty of the college. The SGA office is located on the third floor of Branch.

STUDENT COMMUNICATIONS MEDIA

Student communications media on the ABAC campus includes the following:

- **STALLION**—The campus newspaper provides news and features focused on campus events as well as present opinion and comment. For several years, the newspaper has earned national recognition and has been named Georgia's top college paper in its category.
- **PEGASUS**—This annual literary magazine provides a means for creative expression among students, faculty, and alumni. The magazine features poetry, essays, fiction, articles, art, and photography.
- **WPLH-FM**—The College radio station, located at 103.1 on the FM dial and also at <http://www.wplh.net> has studios located in the Carlton Center

RECREATIONAL SPORTS

ABAC has been a member of the National Intramural-Recreational Sports Association (NIRSA) since 1980. ABAC offers all students the opportunity to engage in sports and recreational activities. Participation is entirely voluntary and students are encouraged to become involved; no additional fees are required. Activities include basketball, bowling, softball, flag football, golf, tennis, outdoor and indoor soccer, ultimate frisbee, pickleball, badminton, indoor and sand volleyball, and other special events.

ATHLETICS PROGRAMS

Intercollegiate athletics, both male and female, are an integral part of student life at ABAC. The College participates in six intercollegiate sports - baseball, golf, men's and women's tennis, women's softball, and women's soccer. All full-time students are invited and strongly encouraged to try out for collegiate athletic teams.

The College is a member in good standing of Region 17 of the Georgia Collegiate Athletic Association and the National Junior College Athletic Association. The "Golden Stallions" and "Fillies" are always strong competitors against the best two-year college competition. Successful academic endeavors are also stressed to athletes. All home athletic contests are free to full-time students. The Intercollegiate Athletics Program Policy Handbook can be found at <http://www.abac.edu/athletics/athletics-department>.

FINE ARTS GROUPS

Musical groups on the ABAC campus are open to all students, although some groups require auditions for membership. Performing groups include Jazz Ensemble, Concert Band, Concert Choir, Jazz Choir, Chamber Singers, and Jazz Ensemble. These groups perform at various high schools, civic group events, and community festivals as well as present a concert each semester. Auditions are held for the Jazz Ensemble, Jazz Choir, and Chamber Singers at the beginning of each semester. One must be a member of the larger ensemble first in order to audition.

The Baldwin Players, consisting of students from throughout the College who are interested in theater, stage two major productions each year. Opportunities for participation include acting, set design and construction, publicity, stage management, and all other aspects of theater production.

ACADEMIC POLICIES AND PROCEDURES

CLASSIFICATION OF STUDENTS

Students are classified on the basis of semester hours of work successfully completed, as follows.

- Freshman: A student who has earned fewer than 30 semester hours of collegiate level credit.
- Sophomore: A student who has earned 30 or more but fewer than 60 semester hours of collegiate level credit.
- Junior: A student who has earned 60 or more but fewer than 90 semester hours of collegiate level credit.
- Senior: A student who has earned 90 or more semester hours of collegiate level credit.

ORIENTATION FOR NEW STUDENTS

For detailed information regarding ABAC's orientation policy and process, visit <http://www.abac.edu/future-students/orientation/>. A non-refundable orientation fee of \$40.00 is charged to each student.

COURSE LOAD

To stay on track for graduation, students should plan to take 15 hours each fall and spring. In addition to the number of hours required for a degree, students are required to take PHED 1100 and two PE activities. The maximum number of semester hours a student can take in fall and spring semester is 18. A student with a minimum overall institutional GPA of 3.0 may carry additional course work with permission of the Provost and Vice President for Academic Affairs. The overload permission form is available at <http://www.abac.edu/academics/registrar>.

CREDIT HOUR

ABAC does not rely on any means of determining academic credit other than semester credit hours. ABAC uses the *Board of Regents of the University System of Georgia Policy Manual, Section 3.4.1* and established federal regulations that are reflected in the Southern Association of Colleges and Schools Commission on Colleges' (SACSCOC) policy on credit hours updated in January 2012 for determining the amount of credit awarded for courses. The BOR Policy Manual, Section 3.4.1 states "a minimum of 750 minutes of instruction or equivalent is required for each semester credit hour." The U.S. Department of Education and SACSCOC's Credit Hours Policy Statement define a credit hour as an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work [engaged learning activities] each week for approximately 15 weeks.

COLLEGE POLICY ON CLASS ATTENDANCE

Courses at ABAC are provided for the intellectual growth and development of students. The interaction with instructors and other students is an important element of the learning process, and a high correlation exists between class attendance and course grades. Therefore, to attain maximum success, students should attend all their classes, be on time, and attend all scheduled course activities. Absence from class does not excuse students from full responsibility for class work or assignments missed. Students must accept this responsibility.

Individual instructors will establish attendance policies for each class, will publish the policy in the course syllabus, and keep attendance records. The penalty for absences is at the discretion of the instructor and may include failure of the course. Students who stop attending class without officially withdrawing will receive a grade for the course. A student penalized for excessive absences may appeal through the grade appeal process as stated in this catalog and the Student Handbook.

INSTITUTIONAL ABSENCE

Institutional absence is defined as an absence that occurs due to activities students are involved in as official representatives of the College. A student who serves as an official representative of the College is defined as meeting the following criteria.

- Authorized to use the College name in public relationships outside the institution;
- Regularly interacts with non-College individuals and groups over an extended period of time (at least one semester);
- Represents the College as a part of a group and not as an individual;
- Represents the College under the direct supervision of a college faculty or staff member; and is authorized, in advance, by the President, or President's designee, of the College.

Students with institutional absences are not released from the obligations and responsibilities of all students. However, these students will not be penalized with unexcused absences when absences result from regularly scheduled activities in which they represent the College.

Further, students are to contact instructors prior to the absence and to make arrangements to make up any work that will be missed, in a manner acceptable to the instructor. Advisors of activities will schedule off-campus activities in a manner that does not unduly disrupt the learning process for students.

WITHDRAWALS

Dropping Classes: The start of each term has a "Drop/Add" period. Drop/Add is the only time during which students may "drop" a course completely without either academic or financial penalties. After this period, students will need to officially "withdraw" from their courses, with academic or financial penalties as stated in the following.

Single Course Withdrawal: If students need to reduce their course load during a semester, they may officially withdraw from a class with a grade of W, provided they complete this action before the mid-point in the semester or session (see the academic calendar – last day to withdraw with a W). After midterm, students withdrawing from a class will receive a grade of WF. Students withdrawing from a course must first see their instructor for permission to withdraw. After the instructor completes a drop form, the students should submit the signed form to the Academic Support Center. See the "Change of Schedule" section below for further information. Although a grade of W has no impact on the GPA, the student should be aware that negative effects on Financial Aid result when withdrawing from any class. A grade of WF has an impact on the GPA and may also have negative effects on Financial Aid.

Total Withdrawal from the College: Students who voluntarily withdraw from the College must first consult with the Academic Support Center and complete a "Student Withdrawal Form". Students who withdraw from the College prior to mid-term will receive a grade of W in all classes in which they are enrolled. Students who withdraw from the College after mid-term will receive a grade of WF.

Withdrawal from Learning Support Courses: Students who wish to withdraw from a co-requisite Learning Support course must also withdraw from the college-level course for which the Learning Support course is a co-requisite.

Medical Withdrawal: Prior to mid-term, medical withdrawals are the same as all other official withdrawals from the College. Students will receive a grade of W in all classes. After mid-term, students seeking a medical withdrawal must submit the appropriate medical documentation on a medical doctor's letterhead, signed by a physician who is not a family member, to the Student Development Center. If it is determined that students must withdraw from classes for a given term for medical reasons, the Student Development Office will notify the students' instructors, the Registrar's Office, Enterprise Information Services, and the Housing Office. Students will be given the grade of W in all classes if the students had passing grades in their classes at the time of withdrawal. If the student was not passing at the time of withdrawal, the assignment of a grade of W is strictly up to the individual instructor's discretion. In all cases, students should make every effort to keep the instructor informed of any situation which affects class attendance. A medical withdrawal must be only for the student's illness or medical issue.

Medical Withdrawals for Prior Semesters: Medical withdrawals for prior semesters will be granted only if students can provide adequate documentation that the medical condition for which they withdrew was such that the students or family members could not contact the College before the semester ended.

CHANGE OF SCHEDULE (DROP/ADD)

Students are discouraged from changing schedules after classes begin. However, consideration is given to every request for a change in students' programs, and recommendations are made in accordance with the educational goals and the individual needs of the students.

If a change in schedule becomes necessary after registration, all changes should be made at the beginning of the semester during the official drop/add period. The official drop/add period is published in the official Academic Calendar. **No refund will be made for a dropped course after the official drop/add period.** During the drop/add period, students may change their schedule through Banner Web.

RESIDENCY REQUIREMENTS FOR GRADUATION

Resident credit is defined as credit earned at ABAC. To be eligible for a baccalaureate degree from ABAC, the student must complete at least 30 semester hours toward the degree in residence at ABAC. To be eligible for a transfer degree (Associate of Arts, Associate of Science, or Associate of Fine Arts) from ABAC, the student must complete at least 20 semester hours toward the degree in residence at ABAC. To be eligible for any career-technological degree (A.A.S, A.S.N), the student must complete at least 30 hours toward the degree in residence at ABAC. Transfer, CLEP, Advanced Placement, DD 214, physical education, freshman seminar, and academic renewal credit do not count as resident credit.

PHYSICAL EDUCATION (PE) REQUIREMENTS

All students (with the exceptions noted herein) will be required to take two PE activity courses and the Health & Wellness class (PHED 1100.) The Health & Wellness class is a graduation requirement for all students except those graduating in the nursing program. The Health & Wellness requirement applies even if students are exempt from PE activity courses. Students must select two different PE activity courses to fulfill the physical education requirement.

Individual training records will be evaluated on a case-by-case basis for the awarding of Prior Learning Assessment (PLA) credit. Official transcripts and documentation will be required before credit is awarded. Students exempting their activity requirement through military and/or professional service are still required to successfully complete PHED 1100 as a graduation requirement. Veterans or service members completing Basic Training may receive two hours of physical education activity course credit. The DD 214 must be provided to the Registrar's Office as documentation before the determination of credit can be awarded. Any other individual requests for review of PLA credit should also be submitted to the Registrar's Office.

Students who have a disability which prevents them from participating in physical education activity classes should visit the School of Human Sciences office in Bowen Hall for information on a possible waiver of the activity requirements.

REQUIRED HIGH SCHOOL CURRICULUM (RHSC)

The Required High School Curriculum applies to any student described in the categories below.

1. Students graduating from high school or home school within the past five years. This includes students graduating from any high school, public or private, in-state or out-of-state.
2. Students who passed the GED in lieu of high school graduation if their class graduated within the past five years.
3. Transfer students graduating from high school within the past five years who have not completed 30 hours of transfer credit at the college level.
4. Beginning freshmen in college transfer fields of study

Students who have satisfied the Required High School Curriculum have successfully completed the following college prep courses in high school:

English	4 Units
Mathematics	4 Units
Natural Sciences	4 Units
Social Sciences	3 Units
Foreign Language	2 Units

For a complete list of the High School Curriculum Requirements for the University System of Georgia, visit http://www.usg.edu/student_affairs/documents/Staying_on_Course.pdf

Students can address a RHSC deficiency either:

1. Prior to enrollment at ABAC

- Out-of-state applicants who have met the college preparatory curriculum requirements in their home state, but have a deficiency, can request an exemption from the RHSC requirement. As part of the exemption process, the student must provide evidence of competency in the deficient area.
- Students can demonstrate “Subject Matter Proficiency” and satisfy a RHSC deficiency by
 - Taking standardized examinations such as the SAT, ACT, CLEP, DSST, COMPASS and other Board of Regents approved exams in the deficient area(s),
 - Completing a USG-approved high school course in the deficiency area(s) prior to enrollment, or
 - Completing a terminal course in the deficient area (for example, a student who has completed calculus in the 11th grade).

2. After enrollment at ABAC

- A student can address a deficiency by successfully completing collegiate coursework in the deficient area(s) during the first 30 credit hours. This coursework will satisfy the deficiency and count towards the degree program. The exception is SPAN 1001, which will satisfy the RHSC deficiency in foreign language but will not count towards the student’s degree program.

COMPETENCY REQUIREMENT IN HISTORY AND CONSTITUTION

Students who receive an associate degree or certificate of more than 19 hours from a University System of Georgia institution are required by the Georgia legislature to show competency in United States and Georgia history and knowledge of the constitutions of the United States and Georgia. Successful completion of POLS 1101 American Government may be used to fulfill the constitution requirements for both career-technology and college-transfer students. Successful completion of HIST 2111 US History I or HIST 2112 US History II may be used to fulfill the history competency requirements. Students who transfer American History and/or American Government courses from institutions outside the state must also fulfill the legislative requirements in Georgia history and/or constitution by examination.

PRIOR LEARNING ASSESSMENT

Math Placement by Examination

Math scores on the SAT or ACT are used to place students into the appropriate math course. The chart below indicates the course placement based on the score. Students may elect to take a CLEP exam for MATH 1111, and if successful may enroll in MATH 1112 Trigonometry or 1113 Pre-Calculus Mathematics.

SAT	ACT	Additional High School Course	ABAC Placement
480	20	-----	MATH 1111
590	26	-----	MATH 1112
590	26	Trigonometry	MATH 1113
630	28	Trigonometry	MATH 2053

Advanced Placement (AP) Program

The College participates in the Advanced Placement (AP) Program of the College Entrance Examination Board. Through this program, high school students who plan to enroll at ABAC can take AP examinations in several subject areas. If students achieve the minimum score detailed in the AP Examination Score Requirements Table below, the College will award regular college credit in the subject areas of the exam(s), provided that the subject area(s) are taught by the College. High school students can gain college credit and/or advanced placement at ABAC before actually beginning college. Students needing further information about the AP Program should contact their high school counselor.

Because of variation in credit awarded by different USG institutions, students who are awarded AP credit at ABAC and plan to transfer to another institution should determine what AP credit is accepted at their intended transfer institution. Official College Board transcripts with the AP scores will be required for any AP credit to be awarded.

Credit by AP Examination Score Requirements Table

AP Examinations	Minimum Score	ABAC Course Credit	Semester Hours
Art History	3	ARTS 2213	3
Biology	4	BIOL 1107/L	4
	5	BIOL 1107/L, BIOL 1108/L	8
Calculus AB	3	MATH 1113, MATH 2053	8
Calculus BC	3	MATH 2053, MATH 2054	8
Chemistry	3	CHEM 1211/L	4
	5	CHEM 1211/L, CHEM 1212/L	8
Computer Science	3	CSCI 1301	4
Econ-Macro	3	ECON 2105	3
Econ-Micro	3	ECON 2106	3
English Lang/Comp	3	ENGL 1101	3
	5	ENGL 1101, ENGL 1102	6
English Lit/Comp	3	ENGL 1101	3
	5	ENGL 1101, ENGL 1102	6
Environmental Science	3	SCIE 1005/L	4
European History	3	ELECTIVE IN CORE AREA E *	3
French	3	LANG 12XX **	3
	4	LANG 12XX, LANG 21XX **	6
	5	LANG 12XX, LANG 21XX, LANG 22XX **	9
German Language	3	LANG 12XX **	3
	4	LANG 12XX, LANG 21XX **	6
	5	LANG 12XX, LANG 21XX, LANG 22XX **	9
Government & Politics	3	POLS 1101	3
Human Geography	3	GEOG 1101	3
Latin	3	LANG 12XX **	3
	4	LANG 12XX, LANG 21XX **	6
	5	LANG 12XX, LANG 21XX, LANG 22XX **	9
Music Theory	3	MUSC 1134/L	4
Physics B	5	PHYS 1111/L, PHYS 1112/L	8
Physics C	3	PHYS 1111/L, PHYS 1112/L	8
	5	PHYS 2211/L, PHYS 2212/L	8
Psychology	3	PSYC 1101	3
Spanish	3	SPAN 1002	3
	4	SPAN 1002, SPAN 2001	6
	5	SPAN 1002, SPAN 2001, SPAN 2002	9
Statistics	3	MATH 2000	3
Studio Art	3	ART ELECTIVE	3
US History	3	HIST 2111	3
	5	HIST 2111, HIST 2112	6
World History	3	HIST 1111	3
	5	HIST 1111, HIST 1112	6

* This elective may be used in the Core Curriculum Area E to satisfy three hours of the "choose 6 hours" requirement.

**LANG 21XX and LANG 22XX may be used in the Core Curriculum Area C to satisfy the "foreign language (2001 or higher)" elective.

INTERNATIONAL BACCALAUREATE (IB) CREDITS

When appropriate and **evidence is provided that the course work is comparable to a college course**, ABAC will award college course credit for IB credit following the guidelines outlined below.

- Semester credit hours and course credit will be given for **IB Diploma completers only**. Please visit http://apps.abac.edu/registrar/IB_Credits/IBCourseEquivalents.pdf for details.

- The particular courses for which students receive college credit may vary from institution to institution, depending on what courses the institution offers – determinations of course comparability will be made by the respective departments; the range in credit hours allows for a match with particular courses, including labs.
- The **total college course credits awarded for IB assessments may not exceed 24 credit hours.**
- Students may opt not to take the credit.

In addition, the following may be allowed.

- After the appropriate core courses are credited, if students (diploma completers) have additional acceptable IB assessment scores (minimum 4 for HL, minimum 5 for SL) that have not been awarded course credits, ABAC may award credit for other lower-division courses outside of the core for up to a maximum of 24 total credits.
- ABAC may choose to award credit to students who did not complete the diploma program but were awarded a certificate for completion of a specific subject area for higher level courses with a minimum assessment score of 4.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Students enrolled at the College may earn full credit for certain courses by achieving acceptable scores on the College Level Examination Program tests. With a few exceptions, adequate test scores will match and substitute for specific courses in the current catalog. CLEP Tests are computer-based and individually administered by the Student Development Office staff. If credit is earned, the results are recorded by course, course number, and semester hours earned. A grade of K is awarded for successful CLEP exams in which students earn the minimum score stated below. Students interested in learning more about CLEP should contact the Office of Student Development. Pre-registration and payment are required. Official College Board transcripts with the CLEP score(s) will be required for any CLEP credit to be awarded.

CREDIT BY CLEP EXAMINATION SCORE REQUIREMENTS TABLE

Composition And Literature	Minimum Score	ABAC Course Credit	Semester Hours
American Literature	50	ENGL 2131/2132	3
Analyzing and Interpreting Literature	50	No Credit	---
College Composition	50	ENGL 1101	3
English Composition w/Essay ***	50	ENGL 1101	3
English Literature	50	ENGL 2121/2122	3
Humanities	50	HUMN 2221, HUMN 2222	6
Foreign Languages	Minimum Score	ABAC Course Credit	Semester Hours
French Language – Level 1 (two semesters)	50	LANG 11XX, LANG 12XX *	6
French Language – Level 2 (four semesters)	59	LANG 11XX, LANG 12XX, LANG 21XX, LANG 22X *	12
German Language – Level 1 (two semesters)	50	LANG 11XX, LANG 12XX *	6
German Language – Level 2 (four semesters)	60	LANG 11XX, LANG 12XX, LANG 21XX, LANG 22X *	12
Spanish Language – Level 1 (two semesters)	50	SPAN 1001, SPAN 1002	6
Spanish Language – Level 2 (four semesters)	63	SPAN 1001, SPAN 1002 SPAN 2001, SPAN 2002	12
Social Sciences and History	Minimum Score	ABAC Course Credit	Semester Hours
American Government	50	POLS 1101	3
US History I: Early Colonization to 1877	50	HIST 2111	3
US History II: 1865 to the Present	50	HIST 2112	3
Human Growth and Development	50	PSYC 2103	3
Introduction to Educational Psychology	50	No Credit	---
Principles of Macroeconomics	50	ECON 2105	3
Principles of Microeconomics	50	ECON 2106	3

Introductory Psychology	50	PSYC 1101	3
Social Sciences and History	50	No Credit	---
Introductory Sociology	50	SOCI 1101	3
Western Civilization I: Ancient Near East to 1648	50	Area E Elective **	3
Western Civilization II: 1648 to Present	50	Area E Elective **	3
Science and Mathematics	Minimum Score	ABAC Course Credit	Semester Hours
Biology	50	BIOL 1107, BIOL 1107L	4
Calculus	50	MATH 2053	4
Chemistry	50	CHEM 1211, CHEM 1211L	4
College Algebra	50	MATH 1111	3
College Algebra-Trigonometry ***	50	MATH 1113	4
Natural Sciences	50	No Credit	---
Precalculus	50	MATH 1113	4
Trigonometry ***	50	MATH 1112	3
Business	Minimum Score	ABAC Course Credit	Semester Hours
Principles of Accounting ***	50	ACCT 2101, ACCT 2102	6
Financial Accounting	50	ACCT 2101	3
Introductory Business Law	50	BUSA 2155	3
Information Systems & Computer Applications	50	CISM 2201	3
Principles of Marketing	50	MKTG 2175	3

* LANG 21XX and LANG 22XX may be used in the Core Curriculum Area C to satisfy the "foreign language (2001 or higher)" elective.

** This elective may be used in the Core Curriculum Area E to satisfy 3 hours of the electives.

*** Exam no longer available. Information provided for students who have already taken the exam.

DSST (FORMERLY DANTES) PROGRAM

Students enrolled at the College may earn full credit for certain courses by achieving minimum scores on the DSST (formerly DANTES) Tests. Minimum test scores will match and substitute for specific courses in the current catalog. DSST tests are paper-and-pencil and individually administered by the Student Development Office staff. If credit is earned, the results are recorded by course, course number, and semester hours earned. A grade of K is awarded for successful DSST exams in which students earn the minimum score stated below. DSST credit may be transferable but the student must check with the receiving institution to verify credit acceptance. Students interested in learning more about the DSST Program should contact the Student Development Office. Pre-registration and payment are required. Official DSST transcripts with the DSST score(s) will be required for any DSST credit to be awarded.

CREDIT BY DSST EXAMINATION SCORE REQUIREMENTS TABLE

DSST Test Number and Title	ACE Minimum Score	ABAC Course Credit	Semester Hours
461 Art of the Western World	48	ARTS 2213	3
815 Principles of Public Speaking (with satisfactory speech)	47	COMM 1100	3
498 Criminal Justice	49 (400*)	CRJU 1100	3
497 Intro to Law Enforcement	45	CRJU 1125	3
470 Human/Cultural Geography	48	GEOG 1101	3
508 Here's to Your Health	48 (400*)	PHED 1100	2
490 Lifespan Developmental Psychology	46	PSYC 2103	3
496 Intro to World Religions	49 (400*)	RELG 1101	3

*ACE Score Rating beginning 2008

Note: Minimum scores are based upon American Council on Education (ACE) recommended scores.

HIGH SCHOOL EDUCATION PATHWAY

In 2008, the University System of Georgia approved a policy to award high school students who successfully completed the Education Pathway three (3) college credit hours in lieu of EDUC 2110 Investigating Critical and Contemporary Issues in Education.

For students enrolling in USG institutions (prior to fall 2011) and meeting all the criteria for successful completion outlined below with the exception of passing the statewide assessment, USG institutions may award credit based on agreements with local school systems.

For students enrolling at USG institutions in the fall of 2011 or later, credit will be awarded for all students from any Georgia public school who satisfy the criteria for successful completion outlined below. Students should contact their high school and request required documentation be provided to the Registrar's Office.

Successful completion is defined as follows:

1. Passing the three Education Pathway courses with a minimum grade of C,
 - 13.01100 – Examining the Teaching Profession
 - 13.01200 – Contemporary Issues in Education
 - 13.52100 – Teaching as a Profession Internship in Education
2. Completion of a portfolio as part of the Pathway course requirements, and
3. Passing of the statewide assessment (unless prior to fall 2011).

AUDITING A CLASS

Students interested in auditing a class must indicate to the instructor their intention to do so during the first five days of the term.

Instructors should complete the "Request to be considered an Auditor" form, obtain the student's signature, and forward the forms to the Registrar's Office. A grade of V will be automatically assigned to auditing students. No credit is granted when the course is completed. Students cannot change from audit to credit status while enrolled in a course as an auditor. Students interested in obtaining credit for a class which has been audited will be required to take the course under non-audit status in a later term. **Fees are calculated the same for an audit course as for a credit course.**

STUDY ABROAD PROGRAM

ABAC students have an opportunity to study in a wide variety of international locations. Students can register for ABAC credit for core general education classes and classes for some majors through programs offered by ABAC, through summer study programs sponsored by the European Council of the University System of Georgia, or other USG study abroad consortia. Students can also arrange other study abroad opportunities through the campus Study Abroad Coordinator. Financial aid is available for many of the programs. For further information, students should contact the Study Abroad Coordinator, located in the Academic Support Center on the ground floor of the Carlton Center.

ECORE CLASSES

eCore is an abbreviation for electronic core curriculum which allows University System of Georgia (USG) students the opportunity to complete the first two years of their collegiate careers (Core Curriculum) in an online environment. eCore courses are taught entirely online, except for occasional proctored exams. eCore courses are designed, developed, taught and supported by faculty and staff from the USG.

eCore is a convenient and adaptable option for getting started in college, taking a class close to home during summer, or resuming college after a break. Not all Core Curriculum classes are available via eCore, and students may need to take some core classes in a traditional classroom setting.

Visit ABAC's eCore website, <http://www.abac.edu/academics/ecore>, for more information.

ACADEMIC SUPPORT CENTER

The Academic Support Center, located on the ground floor of the Carlton Center, includes various departments, all of which center on academics at ABAC. The Academic Support Center consists of the following: Tutoring Services (Academic Achievement Center), Academic Placement Testing, and Learning Support. In addition, the Center has Academic Support Counselors available for all current ABAC students' academic needs, which include but are not limited to dropping/adding a class, completing withdrawals, transient permission, registration, graduation, and supplemental academic advising.

Learning Support is a program of courses and advisement to help build the foundational skills needed for success in college-level courses. Special academic advising is provided by Academic Support to speed students' progress toward enrollment in college credit courses.

Tutoring services are available at no cost to all ABAC students. Tutoring is provided on a drop-in basis. A detailed tutor schedule and subject list are provided each term in the Academic Achievement Center and on the center's website (<http://www.abac.edu/academics/academicsupport/tutoring>). Writing tutors serve the needs of student writers across the curriculum. Students receive assistance with all aspects of writing, from developing a thesis to reviewing a draft. Math tutoring is provided for all levels of math courses from developmental through calculus. Although ABAC does not guarantee that tutoring is available for all subjects, tutors can generally assist in most subjects. The AAC is an internationally certified tutoring center through the College Reading and Learning Association and its tutors meet the requirements of this certifying body.

GRADES AND FINAL EXAMINATIONS

Grades are based on performance by students in the classroom and laboratory as shown through tests, oral responses and other class work, outside assignments, experiments, term papers, other acceptable academic procedures, and final examinations. The grade is intended to reflect student progress toward objectives of the course.

All students are required to take final examinations in courses each semester in accordance with the published final exam schedule. No instructor shall deviate from the published schedule of final exams for a class or individual student without the written approval of the school dean.

THE GRADING SYSTEM

All institutions of the University System of Georgia shall use a 4.0 grade point average (GPA) system. The following grades are approved for use in institutions of the University System of Georgia and are included in the determination of the grade point average.

A	Excellent	4.0
B	Good	3.0
C	Satisfactory	2.0
D	Passing	1.0
F	Failure	0.0
WF	Withdrew Failing	0.0

*Although a grade of D is considered passing, a grade of D may not be acceptable for progression in certain courses and/or majors. See course descriptions for specific information.

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

I	This grade indicates that students are producing satisfactory work, but for non-academic reasons beyond their control, were unable to satisfy the full requirements of the course. If a grade of I is not satisfactorily removed after 12 months, the Registrar will change the grade of I to the grade of F. Grades of I cannot be removed by re-enrolling in and completing a course.
W	This grade indicates that students were permitted to withdraw without penalty. Withdrawals without penalty will not be permitted after the mid-point of the semester except in cases of hardship as determined by the Provost and Vice President for Academic Affairs.
WM	This grade indicates students were permitted to withdraw under the Board of Regents policy for military service refunds. The use of this grade indicates that students were permitted to withdraw without penalty at any time during the term.
S	This grade indicates that credit has been given for completion of degree requirements other than academic course work. The use of this grade is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, and proficiency requirements in graduate programs. Exceptions to the use of this grade for academic course work must be submitted to the Chancellor for approval.
S^	This grade is used for Learning Support courses and indicates satisfactory progress toward completion of the course.

U	This grade indicates unsatisfactory performance in an attempt to complete degree requirements other than academic course work. The use of this grade is approved for dissertation and thesis hours, student teaching, clinical practicum, internship, and proficiency requirements in graduate programs. Exceptions to the use of this grade for academic course work must be submitted to the Chancellor for approval.
U^	This grade is used for Learning Support courses and indicates unsatisfactory progress toward completion of the course.
V	This grade indicates that students were given permission to audit the course. Students may not transfer from audit to credit status.
K	This grade indicates that students were given credit for the course via a credit by examination program (CLEP, AP, DSST, Proficiency, etc.).

TRANSIENT PERMISSION

To be eligible for transient permission at another institution, students must have completed at least one term at ABAC and must have attended ABAC within the past three terms and be in good academic standing. If students have any outstanding financial obligations to ABAC, they will not be approved for transient permission. Permission to enroll on a transient basis at another institution for the purpose of transferring credits back to ABAC must be secured in advance of such enrollment. Transient permission originates with the student's academic advisor and must be approved by the school dean before submission of the Transient Permission Request form to the Academic Support Center. Permission will be granted only for courses equivalent to an ABAC course. **Students may not take any 3000-4000 level courses required for their major as a Transient Student at another institution.** Exceptions may be granted only with permission from the Provost and Vice President for Academic Affairs. For more information, contact the Academic Support Center. Students must request a copy of the transcript from the other institution to be sent to ABAC at the end of the transient term.

GRADE POINT AVERAGES (GPA)

Institutional GPA. The institutional grade point average (IGPA) includes ABAC courses in which students earn a grade of A, B, C, D, F and WF. For repeated ABAC courses, only the most successful grade earned for repeated courses will be used in the IGPA calculation. Beginning fall semester 2016, all grades earned in repeated courses will be used in the IGPA calculation. Courses repeated prior to fall semester of 2016 will be treated per the 2014-2015 ABAC catalog.

Semester Institutional GPA. The semester institutional grade point average (SIGPA) is the institutional GPA for a single semester (not overall).

Regents' GPA. The Regents' grade point average (RGPA) includes all ABAC courses in which students earn a grade of A, B, C, D, F and WF. The Regents' GPA is on the official transcript but is not used by ABAC.

Transfer GPA. The transfer grade point average (TGPA) includes all earned transfer credits accepted by ABAC in which students earn a grade of A, B, C, D, F, and WF.

Overall GPA. The overall grade point average (OGPA) includes all ABAC earned hours and all earned transfer credits accepted by ABAC with grades of A, B, C, D, F, and WF. Beginning fall semester 2016, all grades earned in repeated courses will be used in the OGPA calculation. Courses repeated prior to fall semester of 2016 will be treated per the 2014-2015 ABAC catalog.

REPORTING OF GRADES

Mid-term advisory grades are reported in Banner Web to students who have a grade of C, D, F or U in a class. These grades are not entered on students' permanent records.

Final grades are reported by the instructor to the Registrar's Office within 24 hours following the end of the examination schedule. Final grades are then processed by the Registrar and made available in Banner Web. Students are notified by email when grades are available to view. Students have the responsibility to check their final grades in Banner Web.

Final grades submitted by the instructor cannot be changed except when special circumstances merit. A formal grade change request must be submitted to the Registrar by the instructor after the change is approved by the department head and the dean of the academic school.

APPEAL OF GRADES

Students wishing to contest a grade must initiate the appeal in writing to the instructor within 30 calendar days from the last day of class of the term in which the grade was recorded. Students must first appeal the matter in writing to the instructor(s) who taught the course. The appeal must specify reasons the assigned grade is incorrect or inappropriate. The instructor(s) will respond to the student in writing within 10 working days of the date of the appeal. Should this response not satisfy the appeal, the student can appeal in writing within 10 working days from the date of the instructor's response to the department head/dean of the academic school in which the course was taught. The department head/dean may conduct a conference including the dean, the department head, the student, and the instructor. The department head/dean may convene an impartial committee in the discipline to review pertinent documents. Within 10 working days from the date of the student's appeal to the department head/dean, the department head/dean will respond to the student in writing. Should this procedure fail to resolve the appeal, the student must provide a written appeal to the Provost and Vice President for Academic Affairs within ten working days from the date of the school department head/dean's response. The Provost and Vice President for Academic Affairs will take the appeal to the Academic Review Committee, where further hearings may be conducted. Should this procedure fail to resolve the appeal, the student must provide a written appeal to the President of the College within 10 working days of the Provost's response. The judgment of the President will be considered the final and binding decision on the matter.

The appeals process is intended to provide a venue whereby students may voice a claim of discrimination, capricious or unfair dealings, or denial of due process.

ACADEMIC STANDING

The College recognizes five categories of academic standing: Good Standing, Academic Probation, Academic Suspension 1, Academic Suspension 2, and Learning Support Suspension.

Good Standing. Students are required to maintain a minimum Institutional Grade Point Average (IGPA) of 2.0 to obtain and maintain good standing.

Academic Probation. Students are required to maintain a minimum Institutional Grade Point Average (IGPA) of 2.0. When students' IGPA falls below 2.0, they will be placed on probation. Freshmen who are placed on probation for the first time will automatically be enrolled in an Academic Success Seminar. All students who are on academic probation will be restricted to taking no more than 14 semester credit hours and are encouraged to seek assistance through the Academic Support Center. Students on academic probation may be in jeopardy of losing Federal Financial Aid.

Students earning a semester (term) Institutional GPA (SIGPA) of 2.0 or greater the semester immediately following a probation will be removed from probation if their IGPA is 2.0 or greater. If the IGPA remains below 2.0, they will remain on probation.

Any student whose semester (term) Institutional GPA (SIGPA) is less than 2.0 during the semester following probation will be suspended in accordance with ABAC's academic standing policy.

Academic Suspension. Students not attaining minimum academic standards subsequent to being placed on academic probation will be suspended from the College. The minimum standard for avoiding academic suspension is an IGPA of 2.0. Consecutive terms of probation in which students continue to earn a SIGPA of 2.0 or greater will prevent suspension. However, failure to earn a SIGPA of 2.0 in a subsequent term will result in a suspension.

Students with a SIGPA below 2.0 will be suspended from the College after one term of probation. The first suspension will be for one semester; subsequent suspensions will be for one calendar year (3 terms).

Appeal of Academic Suspension. Students may appeal academic suspension by notifying in writing the Office of Academic Affairs. This appeal will be heard by the Academic Review Committee. An additional appeal may be submitted to the Provost and Vice President for Academic Affairs. Should the decision of the Provost and Vice President for Academic Affairs fail to resolve the appeal, the student must provide a written appeal to the President of the College within 10 working days of the Provost's response. The judgment of the President will be considered the final and binding decision on the matter.

The appeals process is intended to provide a venue whereby students may voice a claim of discrimination, capricious or unfair dealings, or denial of due process.

Students returning to ABAC after suspension will be placed on post-suspension probation and be subject to probation requirements as noted above. Students on post-suspension probation status and earning a

minimum SIGPA of 2.0 or higher will be allowed to continue in the probationary status until the IGPA of 2.0 for good academic standing is reached.

LEARNING SUPPORT SUSPENSION

ABAC adheres to the policy set forth by the University System of Georgia. Please visit this web page for policies relating to Learning Support: http://www.usg.edu/academic_affairs_handbook/section2/C769/

ACADEMIC RENEWAL

Students who are either returning to ABAC or transferring from a regionally accredited institution of higher education to ABAC may be eligible for Academic Renewal. Academic Renewal for the student signals the initiation of a new grade point average to be used for determining academic standing. This provision allows University System of Georgia degree-seeking students who earlier experienced academic difficulty to make a fresh start and have one final opportunity to earn an associate or bachelor's degree.

Procedures

1. Applying for Academic Renewal Status
 - a) Students are encouraged to apply for Academic Renewal status at the time of re-enrollment or enrollment as a transfer student at ABAC. Students who do not request Academic Renewal status at that time may do so up to one calendar year after enrollment.
 - b) The application for Academic Renewal is available through the Registrar's Office or online at http://apps.abac.edu/registrar/Student_Resources/AcademicRenewal.pdf
 - c) The denial of a request for Academic Renewal status can be appealed to the Provost and Vice President for Academic Affairs.
 - d) A student can be granted Academic Renewal status only one time
2. All previously attempted coursework continues to be recorded on the student's official transcript.
 - a) A Renewal GPA is begun when the student resumes taking coursework following approval for Academic Renewal.
 - b) The Academic Renewal GPA will be used for determining academic standing and eligibility for graduation.
 - To earn a degree from ABAC, a student must meet the Institution's residency requirements after acquiring Academic Renewal status.
 - The student's overall GPA, not the Academic Renewal GPA, will be used for determining honors for graduation.
 - c) Academic credit for previously completed coursework, including transfer and transient coursework, will be retained only for courses in which a grade of A, B, or C has been earned.
 - Retained grades are not calculated in a Renewal 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 Renewal institution if they are required in the student's degree program.
 - Applicability of retained credit to degree requirements will be determined by the degree requirements in effect at the time Academic Renewal status is conferred on the student. Specific institutional program regulations must also be met.
3. Students who are transferring to ABAC or are returning to ABAC may be eligible for Academic Renewal for coursework taken prior to the period of absence.
 - a) Readmitted Students
 - Students who return to ABAC may be eligible for Academic Renewal for coursework taken prior to the period of absence.
 - i. Students must have been absent from ABAC for a minimum period of five (5) years
 - ii. Transfer credit for any coursework taken during the period of absence will be granted according to ABAC policies regarding transfer credits.
 - b) Transfer Students
 - Students who leave a regionally accredited institution of higher education and transfer to ABAC may be eligible for Academic Renewal for coursework taken prior to a period of time equal to the period of absence required for Academic Renewal eligibility for readmitted students, which is five (5) years.

- i. Only coursework completed five years or more prior to transfer to ABAC can be considered for Academic Renewal.
 - ii. Courses taken more recently than five years prior to the date of transfer to ABAC are ineligible for consideration for Academic Renewal. However, transfer credit for coursework taken within the five year period will be granted according to ABAC policies regarding transfer credits.
4. Any academic suspensions that occurred in the past shall remain recorded on the student's permanent record. If a suspension (either first or second) is on the record and the student encounters subsequent academic difficulty after having been granted Academic Renewal, the next suspension subjects the student to dismissal.
5. The Renewal GPA begins with the semester following re-enrollment.
6. Re-entry into any program is not automatic.
7. The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress.
8. The granting of Academic Renewal 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.
9. Academic Renewal status granted by one USG institution shall be honored at all other USG institutions.

INSTITUTIONAL POLICY UNDER THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. (An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution.) These rights include the following:

1. The right to inspect and review the student's education records within 45 days after the day Abraham Baldwin Agricultural College 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 school 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 school official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the school to amend a record should write the school 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 school decides not to amend the record as requested, the school 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.
3. The right to provide written consent before Abraham Baldwin Agricultural College discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.
The school 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 Abraham Baldwin Agricultural College in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person serving on the board of trustees; or a student serving on an official committee, such as a disciplinary or grievance committee. A school official also may include a volunteer or contractor outside of Abraham Baldwin Agricultural College who performs an institutional service or function for which the school would otherwise use its own employees and who is under the direct control of the school with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist 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 to fulfill his or her professional responsibilities for Abraham Baldwin Agricultural College.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College 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

Source: <http://www2.ed.gov/policy/gen/guid/fpco/ferpa/ps-officials.html>

ACADEMIC FREEDOM POLICY

ABAC subscribes to the "1940 Statement of Principles on Academic Freedom and Tenure" published by the American Association of University Professors. With respect to academic freedom and related responsibilities, these principles are as follows:

- The purpose of this statement is to promote public understanding and support of academic freedom and tenure and agreement upon procedures to assure them in colleges and universities. Institutions of higher education are conducted for the common good and not to further the interest of either the individual teacher or the institution as a whole. The common good depends upon the free search for truth and its free exposition.
- Academic freedom is essential to these purposes and applies to both teaching and research. Freedom in research is fundamental to the advancement of truth. Academic freedom in its teaching aspect is fundamental for the protection of the rights of the teacher in teaching and of the student to freedom in learning. It carries with it duties correlative with rights.
 - Teachers are entitled to full freedom in research and in the publication of the results, subject to the adequate performance of their other academic duties; but research for pecuniary return should be based upon an understanding with the authorities of the institution.
 - Teachers are entitled to freedom in the classroom in discussing their subject, but they should be careful not to introduce into their teaching controversial matter which has no relation to their subject. Limitations of academic freedom because of religious or other aims of the institution should be clearly stated in writing at the time of the appointment.
 - College and university teachers are citizens, members of a learned profession, and officers of an educational institution. When they speak or write as citizens, they should be free from institutional censorship or discipline, but their special position in the community imposes special obligations. As scholars and educational officers, they should remember that the public may judge their profession and their institution by their utterances. Hence they should at all times be accurate, should exercise appropriate restraint, should show respect for the opinions of others, and should make every effort to indicate that they are not speaking for the institution.

In the classroom, faculty members should make every effort to create an environment in which intellectual diversity is valued and students have the assurance that they will not be penalized for expressing opinions or beliefs that differ from others' views.

Students who feel they have been penalized because of expressed opinions or beliefs have the right to file a formal written complaint to this effect with the appropriate school dean. The complaint will be investigated and a determination will be made as to whether disciplinary action is necessary. If students remain unsatisfied with the outcome of the investigation, they have the right to appeal in writing to the Provost and Vice President for Academic Affairs.

Source: <http://www.aaup.org/report/1940-statement-principles-academic-freedom-and-tenure>

TRANSCRIPTS AND TRANSFER OF RECORDS

A transcript is a document containing the student's permanent academic record. The transcript contains a minimum amount of personal data about the student and a chronological account of the student's academic history.

Any current or former students who wish to have a transcript released must make the request at the

following web page <http://www.abac.edu/academics/registrar/transcripts>. Outstanding financial obligations on a student's record will prevent a student's transcript from being released.

PRESIDENT'S HONOR LIST

Superior achievement in academics is recognized each semester by the publication of a President's Honor List, which includes those students who complete 12 or more non-Learning Support credit hours with a semester institutional grade point average (IGPA) of 4.0.

Excluded from the selection criteria:

- I grades and credit hours
- LS grades and credit hours
- Repeated courses with excluded grades and credit hours
- Grade changes processed after grades are posted in Banner

DEAN'S HONOR LIST

Excellence in scholastic achievement is recognized each semester by the publication of a Dean's Honor List, which includes those students who complete 12 or more non-Learning Support credit hours with a minimum semester institutional grade point average (IGPA) of 3.5.

Excluded from the selection criteria:

- I grades and credit hours
- LS grades and credit hours
- Repeated courses with excluded grades and credit hours
- Grade changes processed after grades are posted in Banner

DISTINGUISHED ACHIEVEMENT LIST

Excellence in scholastic achievement among part-time students is recognized each semester by the publication of a Distinguished Achievement List. To be included on the Distinguished Achievement List, students must complete between 6 and 11 semester hours of non-Learning Support course work with a minimum semester institutional grade point average (IGPA) of 3.5.

Excluded from the selection criteria:

- I grades and credit hours
- LS grades and credit hours
- Repeated courses with excluded grades and credit hours
- Grade changes processed after grades are posted in Banner

HONORS PROGRAM

The Honors Program offers academically talented students a combination of specially designed academic experiences along with advanced professional opportunities. As a living and learning community, honor students develop social networks with other students who share their same academic skills.

All courses in the Honors Program encourage student participation through interactive classroom techniques and require students to engage in research and/or use of sources beyond the assigned textbook to supplement and enhance students' understanding of the course material and assignments.

The Honors Program requires the completion of a minimum of 15 credit hours from the Honors courses listed below, and those hours must include HUMN 1100H and HNRS 1102. These courses are scheduled with other courses required for completion of the student's degree.

Membership in the Honors Program is gained by invitation from or application to the Honors Director. For further information, contact the Honors Program Director.

CORE CURRICULUM HONORS COURSES

BIOL 1107H Principles of Biology I (Honors)	4 hours
BIOL 1108H Principles of Biology II (Honors)	4 hours
CHEM 1211H Principles of Chemistry I (Honors)	4 hours
CHEM 1212H Principles of Chemistry II (Honors)	4 hours
COMM 1100H Human Communication (Honors)	3 hours

ECON 2105H Principles of Macroeconomics (Honors)	3 hours
ENGL 1101H Composition I (Honors)	3 hours
ENGL 1102H Composition II (Honors)	3 hours
ENGL 2115H World Literature II 15th – 18th Century (Honors) OR	3 hours
ENGL 2116H World Literature III 19th Century to Present (Honor)	
HIST 2111H United States History I (Honors)	3 hours
HIST 2112H United States History II (Honors)	3 hours
POLS 1101H American Government (Honors)	3 hours

HONORS SEMINARS

HNRS 1102 Honors Seminar	1 hour
HNRS 2101 Honors Seminar	1 hour
HNRS 2102 Honors Seminar	1 hour
HUMN 1100H Topics in the Humanities	1 hour

Additional Honors Program hours can be earned through the Enhanced Experience Honors Contract arranged by the student, the course instructor, and the Honors Program Director. For further information, contact the Honors Program Director.

HONORS DAY

Honors Day was introduced to give public recognition to students who achieve high scholastic records. Students are selected for honors on the basis of the following criteria.

1. Completing 15 non-Learning Support semester hours at Abraham Baldwin with a minimum 3.2 overall grade point average (OGPA) recognizes a student as an Honor Student.
2. Completing 15-44 non-Learning Support semester hours at Abraham Baldwin with a minimum 3.75 overall grade point average (OGPA) recognizes a student as a Superior Honor Student.
3. Completing 45 non-Learning Support semester hours at Abraham Baldwin with a minimum 3.75 overall grade point average (OGPA) recognizes a student as a Distinguished Honor Student.

REQUIREMENTS FOR GRADUATION

Bachelor degrees and associate degrees in Arts, in Science, and in Applied Science are awarded at the end of the spring, summer, and fall semesters to those students meeting degree requirements. Participation in the graduation ceremony at the end of spring and fall semesters is encouraged.

Students must meet the graduation requirements as listed in a single ABAC Catalog which is not more than five years old at the time of their graduation and which is in effect for a term during which they earned academic credit at ABAC. There will be no exceptions unless specifically approved by the Provost and Vice President for Academic Affairs.

Students who are candidates for a degree must satisfy the following criteria.

1. Complete the required exams, courses, and credit hours outlined in the Catalog for the degree and major for which they are candidates.
2. Have a 2.0 or higher overall grade point average (OGPA) and have completed a minimum of 60 semester hours of non-Learning Support academic work for an Associate's degree or 120 semester hours of non-Learning Support academic work for a Bachelor's degree, plus physical education courses (see Physical Education Requirements section). Students who meet requirements for graduation based on a catalog in which eligibility for graduation was calculated using the institutional grade point average (IGPA) will have the option of using the overall grade point average (OGPA) or institutional grade point average (IGPA) to calculate the minimum 2.0 GPA requirement.
3. Earn at least 30 non-Learning Support semester hours at ABAC which are applicable to the Bachelor's degree or earn at least 20 semester hours at ABAC which are applicable to the A.A. or A.S. degree, or 30 hours at ABAC which are applicable to the A.F.A.M. or A.A.S. degree for which students are candidates. Transfer, CLEP, DD 214, Advanced Placement, physical education, freshman seminar, and academic renewal credit do not count as resident credit. (See Residency Requirements for Graduation section).

4. Comply with the Georgia law which requires a minimum level of competence in Georgia and U.S. History and in Georgia and U.S. Constitution through examination or through specified courses.
5. Complete required physical education or have a specifically approved exemption filed with the Registrar's Office (see Physical Education Requirements section).
6. Complete all three areas of the USG overlay requirements (US Perspectives, Global Perspectives, and Critical Thinking). Refer to the Core Curriculum in this catalog for a list of courses that satisfy each area.
 - Students who were enrolled in any University System of Georgia school before fall 2012 are exempt from the USG overlay requirements.
 - All A.A.S. programs are exempt from the USG overlay requirements.
7. Satisfy all obligations (financial, equipment, academic, etc.) to the College.
8. Apply for graduation with the Academic Support Center:
 - Fall Semester – by the 5th Friday after classes begin
 - Spring Semester – by the 5th Friday after classes begin
 - Summer Semester – by the 3rd Friday after classes begin

Applications received after the ceremony will be evaluated with the subsequent semester's applications.
9. If students are completing graduation requirements at another institution, they must have the other institution send an attendance verification letter to ABAC within one week of ABAC's graduation date. For the students to participate in ABAC's graduation ceremony, the Registrar's Office must receive verification that the students remain enrolled in the required course(s) after the other institution's mid-term withdrawal deadline. This verification should be received no later than the last day of classes for the ABAC graduation term.

Students who do not satisfy the graduation requirements in the term specified on the graduation application should contact the Registrar's Office and inform of plans for completing the degree requirements. The graduation application of these students will be kept in the Registrar's Office for one calendar year. If students do not satisfy all of the graduation requirements within one calendar year of the original intended term of graduation, the student will be required to submit another graduation application.

Students may earn any combination of the following:

1. Students may earn multiple B.A. and B.S. degrees.
2. Students may earn multiple B.A.S. degrees.
3. Students are allowed to receive only one A.A. degree.
4. Students are allowed to receive only one A.S. degree.
5. Students may earn multiple A.A.S. degrees.

Students must submit a graduation application for each degree. Students' legal names will be printed on the diploma (no nicknames).

HONOR GRADUATES

Honor graduates are selected based on their overall GPA (OGPA) at the end of the previous term and on the following criteria.

- Honors for Baccalaureate Degrees

Cum Laude	3.50 – 3.69
Magna Cum Laude	3.70 – 3.89
Summa Cum Laude	3.90 – 4.00
- Honors for Associate Degrees

With Merit	3.50 – 3.69
With Distinction	3.70 – 3.89
With Honors	3.90 – 4.00

After graduation, posting of final grades, and verification of all degree requirements, honor status will be calculated and added to diplomas and transcripts of students who qualify.

STATUS OF GRADUATES

Students who are awarded associate degrees from Abraham Baldwin Agricultural College are not automatically entitled to transfer to another college or university. Students who wish to transfer must satisfy the admissions requirements, course requirements, and grade requirements of that institution receiving transfer.

ACADEMIC PROGRAMS

To meet the educational needs of its students, Abraham Baldwin Agricultural College offers a range of degrees. Academic programs are housed in six schools: the School of Agriculture and Natural Resources, the School of Human Sciences, the School of Liberal Arts, the School of Nursing and Health Sciences, the School of Science and Mathematics, and the Stafford School of Business.

Baccalaureate degrees -- The College offers the Bachelor of Arts degree (B.A.), the Bachelor of Science degree (B.S.) and the Bachelor of Applied Science degree (B.A.S.) in selected fields: agriculture, biology, business and economic development, natural resource management, rural studies, and turfgrass and golf course management. To earn a bachelor's degree, students must complete the requirements of the Core Curriculum, which supports the attainment of the college-level learning competencies, 18 credit hours of discipline-related electives in the lower division, and 60 hours of appropriate course work at the 3000 and 4000 level in the program of study. See program details in the following sections.

Students may earn a minor in discipline areas where majors are offered at the bachelor's level if they complete the required 15 to 18 semester hours of coursework, 9 semester hours of which must be 3000- or 4000-level courses. Courses taken in Core Areas A through E may not be counted as course work in the minor.

Associate degrees -- The College offers three transfer associate degrees. The Associate of Arts degree (A.A.) and the Associate of Science degree (A.S.) prepare the student for further study in many disciplines at ABAC or other colleges or universities. The College also offers the Associate of Fine Arts in Music (A.F.A.M.), in which students must follow a prescriptive course of study that allows for completion of some areas of the Core Curriculum at a college or university to which they transfer to complete a bachelor's degree in music.

In addition, the College offers a limited number of career associate degrees. With the exception of nursing, students who complete the requirements for this degree will earn the Associate of Applied Science degree (A.A.S). Students who complete the required coursework leading to licensure as a Registered Nurse will earn the Associate of Science in Nursing (A.S.N.).

CORE CURRICULUM

BACCALAUREATE AND ASSOCIATE DEGREE STUDENTS

All students enrolled in baccalaureate and transfer associate programs must complete the University System of Georgia-approved Core Curriculum, which was developed to

1. Foster institutional accountability for learning,
2. Incorporate learning requirements in global perspectives and critical thinking,
3. Allow institutional flexibility in tailoring courses to the institution's mission, and
4. Ensure transferability to another University System of Georgia institution.

The USG-approved Core Curriculum is divided into the following areas:

Area A1 – Communication Outcomes

Area A2 – Quantitative Outcomes

Area B – Institutional Options

Area C – Humanities, Fine Arts, and Ethics

Area D – Natural Science, Mathematics, and Technology

Area E – Social Sciences

Area F – Transfer pathways or prerequisite courses for the major for students completing baccalaureate degrees at ABAC

SCIENCE VERSUS NON-SCIENCE DEGREE PROGRAMS

In general, students pursuing Bachelor of Arts, Bachelor of Applied Science, and Associate of Arts degrees will follow the non-science guidelines for the Core Curriculum.

The Core Curriculum track for students pursuing the Bachelor of Science and Associate of Science degrees will depend on the major for baccalaureate students and on the transfer pathway for the Associate of Science degree.

The following areas constitute the College's Core Curriculum.

Area A1: Communication Outcomes:		6 hours
ENGL 1101	Composition I	3
ENGL 1102	Composition II*	3
Area A2: Quantitative Outcomes:		3 hours
<i>Choose one of the following:</i>		
MATH 1001	Quantitative Reasoning**	3
MATH 1111	College Algebra**	3
MATH 1112	Trigonometry	3
MATH 1113	Pre-Calculus Mathematics***	4
MATH 2053	Calculus I	4

*ENGL 1102 satisfies the Critical Thinking overlay requirement.

**Natural Resources Management majors must earn a minimum grade of C.

***Only Science majors who take a four- hour MATH will have one hour that may be counted in Area F.

Science Majors

MATH 1112 or MATH 1113 is required for further study in physical education and allied health.

MATH 1112 or MATH 1113 with a minimum grade of C is required for B.S. Biology majors.

MATH 2053 is required for further study in engineering and biological and agricultural engineering.

MATH 1112 or MATH 1113 is required for all other Science majors and transfer pathways, and either course serves as an immediate prerequisite to MATH 2053.

Area B: Institutional Options:**3- 6 hours***Choose one of the Communication classes below:*

COMM 1100	Human Communication	3
COMM 1110	Public Speaking	3

In addition, students may also choose any of the following:

AGRI 2209	Agricultural Seminar	1
BUSA 1101	Business Seminar	1
CISM 2201	Fundamentals of Computer App	3
HUMN 1100	Topics in the Humanities	1
HUSC 2114	Wellness and Human Experience	3
SCIE 1000	Addressing Environmental Issues	1
SOSC 1100	Values, Issues, & Perspectives in Social Sciences	1

Area C: Humanities, Fine Arts, and Ethics:**6 hours***Choose one of the following World Literature courses:*

ENGL 2114	World Literature I Beginnings – 15th Century	3
ENGL 2115	World Literature II 15th - 18th Century	3
ENGL 2116	World Literature III 19th Century - Present	3

Choose one of the following Fine Arts electives:

ARTS 2211	Art History I	3
ARTS 2212	Art History II	3
ARTS 2213	Art Appreciation	3
ENGL 2114	World Literature I Beginnings – 15th Century	3
ENGL 2115	World Literature II 15th - 18th Century	3
ENGL 2116	World Literature III 19th Century - Present	3
Foreign language (2001) or higher		3
HUMN 2221	Western World Humanities I	3
HUMN 2222	Western World Humanities II	3
MUSC 1100	Music Appreciation	3
THEA 1100	Theatre Appreciation	3

Courses that satisfy the Global Perspectives overlay requirement: ARTS 2213, ENGL 2114, ENGL 2115, ENGL 2116, HUMN 2221, HUMN 2222, or MUSC 1100.

Area D: Natural Science, Mathematics, & Technology:**11-12 hours****I. Non-Science Majors:***Choose two of the following lab science courses* (8 hours):*

BIOL 1107 & lab	Principles of Biology I	3/1
BIOL 1108 & lab	Principles of Biology II	3/1
PHSC 1011 & lab	Physical Science I	3/1
PHSC 1012 & lab	Physical Science II	3/1
SCIE 1005 & lab	Environmental Science	3/1

Plus one course from the following:

Any course from the above list not already counted to satisfy core requirements	3-4
CSCI 1100 Introduction to Computing	3
SCIE 1005 (w/o lab) Environmental Science	3
SCIE 1006 Marine Science**	3
SCIE 1007 Introductory Geology**	3
MATH 1112 or higher (except MATH 2008)***	3 – 4

*Non-science majors may alternately choose 8 hours from the list of courses for science majors in Area D.

**Either of the PHSC classes can serve as a pre-requisite for SCIE 1006 or SCIE 1007.

***Math electives may be discipline specific.

Students changing from a science to a non-science major or transferring from another USG institution may use courses taken in Area D part II, to satisfy the Core Area D part I requirement.

II. Science Majors: **Choose any sequence from the following:*

BIOL 1107 & lab	Principles of Biology I AND	3/1
BIOL 1108 & lab	Principles of Biology II	3/1
CHEM 1211 & lab	Principles of Chemistry I AND	3/1
CHEM 1212 & lab	Principles of Chemistry II	3/1
PHYS 1111 & lab	Introductory Physics I AND	3/1
PHYS 1112 & lab	Introductory Physics II	3/1
PHYS 2211 & lab	Principles of Physics I AND	3/1
PHYS 2212 & lab	Principles of Physics II	3/1

Plus 3-4 hours from the following:**

Any lecture and lab course from the above list not already counted to satisfy core requirements	4
Any MATH higher than 1113 (Except MATH 2003 and 2008)***	3 – 4

MATH 2053 is required for further study in mathematics, chemistry, computer science, physics, and B.S. Biology majors.

MATH 2054 is required for further study in engineering and biological and agricultural engineering.

Student choosing the transfer pathway in agricultural education are exempt from the Area D sequence requirement for science majors.

*B.S. Biology majors are required to earn a minimum grade of C in Area D courses.

**Science majors who choose 4 hours may have one hour to be counted in Area F.

***MATH 1112 or MATH 1113 is required for further study in physical education and allied health.

Area E: Social Sciences:		9-12 hours
HIST 2111	United States History I OR	
HIST 2112	United States History II	3
POLS 1101	American Government*	3
<i>Choose 3-6 hours from the following courses:</i>		
AECO 2258	Applied Economics OR	
ECON 2106**	Principles of Microeconomics	3
ECON 2105**	Principles of Macroeconomics	3
GEOG 1101	Introduction to Human Geography	3
GNDR 1101	Introduction to Gender Studies	3
HIST 1111	World History I	3
HIST 1112	World History II	3
HIST 2111	United States History I	3
HIST 2112	United States History II	3
HIST 2201	African-American History	3
HIST 2232	Minorities in American History	3
POLS 2401	Global Issues	3
PSYC 1101	Introduction to General Psychology	3
PSYC 2101	Introduction to the Psychology of Adjustment	3
PSYC 2103	Human Growth and Development	3
RELG 1100	Introduction to World Religions	3
SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3

*POLS 1101 satisfies the U.S. Perspectives overlay requirement.

**Students may not simultaneously enroll in ECON 2105 and ECON 2106.

Courses that satisfy the Global Perspectives overlay requirement: GEOG 1101, HIST 1111, HIST 1112, POLS 2401 or RELG 1100

Areas A-E: **must total 42 hours**

Area F: Transfer pathways or prerequisite courses for the major for students completing baccalaureate degrees at ABAC: **18 hours**

Students should consult with their advisor, review advising sheets, and contact the transfer institution for specific course requirements.

HUMANITIES ELECTIVES FOR A.A.S. MAJORS

Humanities electives required for Associate of Applied Science programs may be chosen from the following list, unless otherwise noted.

ARTS 2211	Art History I	3
ARTS 2212	Art History II	3
ARTS 2213	Art Appreciation	3
ENGL 2114	World Literature I Beginnings – 15th Century	3
ENGL 2115	World Literature II 15th - 18th Century	3
ENGL 2116	World Literature III 19th Century – Present	3
HUMN 2221	Western World Humanities I	3
HUMN 2222	Western World Humanities II	3
MUSC 1100	Music Appreciation	3
THEA 1100	Theatre Appreciation	3

Board of Regents Policy Manual 3.3.1 Core Curriculum

In addition to Areas A-E, three additional learning goals--US Perspectives, Global Perspectives, and Critical Thinking--are added to the core. US Perspectives and Global Perspectives are overlay requirements and each institution must designate some courses in Areas A-E that satisfy these learning requirements. Each institution must also develop a plan to insure that students who complete Areas A-E acquire foundational critical thinking skills. Courses designated as meeting the US Perspectives and Global Perspectives overlay requirements, and institutional Critical Thinking overlay requirements must be approved by the Council of General Education.

Source: <http://www.usg.edu/policymanual/section3/C338/>

The list of ABAC courses that fulfill the USG overlay requirements follows.

US Perspectives

POLS 1101 American Government

Critical Thinking

ENGL 1102 Composition II

Global Perspectives

ARTS 2213 Art Appreciation

ENGL 2114 World Literature I

ENGL 2115 World Literature II

ENGL 2116 World Literature III

GEOG 1101 Introduction to Human Geography

HIST 1111 World History I

HIST 1112 World History II

HUMN 2221 World Humanities I

HUMN 2222 World Humanities II

MUSC 1100 Music Appreciation

POLS 2401 Global Issues

RELG 1100 Introduction to World Religions

THE SCHOOL OF AGRICULTURE AND NATURAL RESOURCES

The School of Agriculture and Natural Resources consists of two academic departments: Agriculture and Forest Resources. The mission of the school is to serve all businesses in agriculture and forest resources by providing high quality employees through the professional development and personal growth of motivated and talented graduates. Students successfully completing a degree program find employment solving critical issues associated with adequate, nutritious and safe food supplies; sustainable utilization of natural resources; and promotion of economic development in their communities. The foundational courses and the extensive experiential learning opportunities contribute to the student's achievements. The departments offer bachelor degrees in diversified agriculture, natural resource management, and turfgrass & golf course management. In addition, the School offers Associate of Applied Science degrees designed to prepare students for entry-level careers in diversified agriculture, golf & sports turf management, landscape design & grounds management, and forestry.

DEGREE PROGRAMS OFFERED

BACCALAUREATE DEGREES

Degree Type	Major	Track
Bachelor of Applied Science (B.A.S.)	Diversified Agriculture	General Agriculture Ag Business Crop Production Crop & Soil Science Livestock Production
	Natural Resource Management	Forestry Wildlife
	Turfgrass & Golf Course Management	

ASSOCIATE DEGREES

Degree Type	Major	Track
Associate of Applied Science (A.A.S.)	Diversified Agriculture	
	Environmental Horticulture Technology	Golf & Sports Turf Management Landscape Design & Grounds Management
	Forestry	

Degree: Bachelor of Applied Science (B.A.S.)
Major: Diversified Agriculture
Track: General Agriculture

Diversified Agriculture can be focused on a number of careers within agribusiness, which has an economic impact of over \$70 billion in Georgia and over \$100 billion in Florida. Sixteen percent of Georgia's employment base is associated with agriculture. Career targets include agriculture supply and manufacturing companies; cotton gins; financial institutions servicing agriculture, including local commercial banks; agriculture related marketing businesses; seed stock sales companies and livestock cooperatives; food processors; and agriculture production firms such as farms, ranches and livestock feeding companies. Students will learn the principles of managing land, people, money, and other resources to produce a profit while servicing the consuming public and conserving natural renewable resources.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, using Area D Non-Science option) **42 hours**

Area F and Major Course: **78 hours**

Required Career Block 39 hours

Credit from the career block portion of an appropriate A.A.S.* will be applied toward the completion of the major requirement.

Required courses in the Career Block: AECO 1150, AECO 2200 **OR** ACCT 2101, AECO 2260, AENT 1113, AGRP 1125, AGRY 2020, ASLH 2010, HORT 2201

Required Courses: 24 hours

AECO 3430	Agricultural Financial Management	3
AECO 3800	Food and Agriculture Marketing	3
AGRP 3240	Weed Management	3
AGRY 3510	Soil Management	3
AENG 3300	Precision Agriculture	3
ASLH 3120	Herd Health	3
ASLH 4405	Applied Animal Nutrition	3
AGRI 4500	Farm Operations OR	
AGRI 4600	Experiential Learning in Agriculture	3

Choose 15 hours from the following:

AECO 3265	Advanced Agricultural Marketing Practicum	3
AECO 4100	Agribusiness Management	3
AECO 4710	Food and Agricultural Policy	3
AENG 3101	Metal Fabrication	3
AENG 3201	Biofuels Technology	3
AGRP 3320	Plant Disease Management	3
AGRP 4422	Insect Pest Management	3
AGRY 3030	Field Crop Production	3
AGRY 3110	Forage Crops and Pastures	3
HORT 3033	Fruit and Vegetable Production	3
AGRY 4890/91/92	Special Topics in Crop Science	3
ASLH 3110	Food Animal Evaluation and Selection	3
ASLH 3318	Physiology of Reproduction	3
ASLH 4110	Meat Production, Processing and Marketing	3
ASLH 4205	Beef Production	3
ASLH 4890/91/92	Special Topics in Animal Science	3
GLST 3700(A or B)	Global Experiential Learning	3
MGMT 3670	Human Resource Management	3
MKTG 3800	Principles of Marketing	3

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

*Appropriate A.A.S. degree is Diversified Agriculture

Degree: Bachelor of Applied Science (B.A.S.)
Major: Diversified Agriculture
Track: Ag Business

Successful completion of the Ag Business track within Diversified Agriculture will prepare students for a wide array of exciting and challenging careers. Career possibilities include sales and marketing in agriculture-related businesses, extension and other government service careers, agricultural economics, and positions at commercial agricultural production firms such as farms, ranches, poultry, swine, dairy and beef operations. Students will learn the principles of managing land, livestock, people, money, and other resources as they prepare to be tomorrow's agricultural leaders who will help feed and clothe an ever increasing population.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, use the non-science Area D option*) **42 hours**

Area F and Major Courses: **78 hours**

Required Courses: 63 hours

AECO 1150	Introduction to Agribusiness Management	3
AECO 2200 or ACCT 2101	Agricultural Records I or Principles of Accounting I	3
AECO 2258	Applied Economics	3
AECO 2260	Agricultural Marketing	3
AENT 1113	Power Equipment	3
AGRI 2207	Internship	9
AGRP 1125	Fundamentals of Plant Protection	3
AGRY 2020	Soils and Fertilizer	3
ASLH 2010	Introduction to Animal Science	3
HORT 2201	Principles of Plant Science	3
AECO 3200	Agricultural Records II	3
AECO 3430	Agricultural Financial Management	3
AECO 3800	Food and Agriculture Marketing	3
AECO 4100	Agribusiness Management	3
AECO 4710	Food and Ag Policy	3
AECO 3410	Commodity Marketing	3
AGRI 4500 or 4600	Farm Operations or Experiential Learning in Agriculture	3
ENGL 4010	Introduction to Professional Writing	3
MGMT 3670	Human Resource Management	3

Choose 15 hours from the following list (12 hours must be from 3000 or 4000 level courses):

AECO 2265	Agricultural Marketing Practicum	3
AECO 3265	Advanced Agricultural Marketing Practicum	3
AENG 3201	Biofuels Technology	3
AENG 3300	Precision Agriculture	3
AGRI 4500	Farm Operations	3
AGRI 4600	Experiential Learning in Agriculture	3
AGRP 3240	Weed Management	3
AGRP 3320	Plant Disease Management	3
AGRP 4422	Insect Pest Management	3
AGRY 3110	Forage Crops and Pastures	3
AGRY 3030	Field Crop Production	3
AGRY 3510	Soil Management	3
ASLH 1125	Introduction to Poultry Science	3
ASLH 2203	Elements of Dairying	3
ASLH 3110	Food Animal Evaluation and Selection	3
ASLH 3120	Herd Health	3
ASLH 3318	Physiology of Reproduction	3
ASLH 4110	Meat Production, Processing and Marketing	3
ASLH 4405	Applied Animal Nutrition	3
ASLH 4300A	Livestock Judging I	3
ASLH 4300B	Livestock Judging II	3
HORT 3033	Fruit and Vegetable Production	3

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

*Students should follow closely their advisor's recommendations for appropriate selections in Core Curriculum Areas B, D and E.

Degree: Bachelor of Applied Science (B.A.S.)
Major: Diversified Agriculture
Track: Crop Production

Successful completion of the Crop Production track of Diversified Agriculture will prepare students for careers such as crop production; sales and marketing in agriculture-related businesses; extension and other government service careers; crop consulting; precision agriculture; agricultural economic; and positions in commercial agricultural production. Students will learn the principles of managing land, crops, pests, people, money, and other resources as they prepare to be tomorrow's agricultural leaders who will help feed and clothe an ever increasing population.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, using Area D Non-Science option*) **42 hours**

Area F and Major Courses: **78 hours**

Required Courses: 66 hours

AECO 1150	Introduction to Agribusiness Management	3
AECO 2200 or ACCT 2101	Agricultural Records or Principles of Accounting I	3
AECO 2260	Agricultural Marketing	3
AENT 1113	Power Equipment	3
AGRP 1125	Fundamentals of Plant Protection	3
AGRY 2020	Soils and Fertilizer	3
ASLH 2010	Introduction to Animal Science	3
HORT 2201	Principles of Plant Science	3
AECO 3430	Agricultural Financial Management	3
AECO 3800	Food and Agriculture Marketing	3
AECO 4100	Agribusiness Management	3
AECO 4710	Food and Ag Policy	3
AENG 3300	Precision Agriculture	3
AENT 3200	Drainage, Irrigation and Erosion	3
AGRI 4500 or 4600	Farm Operations or Experiential Learning in Agriculture	3
AGRP 3240	Weed Management	3
AGRP 3320	Plant Disease Management	3
AGRY 3510	Soil Management	3
AGRP 4422	Insect Pest Management	3
AGRY 3030	Field Crop Production	3
HORT 3033	Fruit and Vegetable Production	3
MGMT 3670	Human Resource Management	3

Choose 12 hours from the following:

AECO 2265	Agricultural Marketing Practicum	3
AECO 3200	Agricultural Records II	3
AECO 3265	Advanced Agricultural Marketing Practicum	3
AECO 3410	Commodity Marketing	3
AENG 3201	Biofuels Technology	3
AENT 2113	Power Equipment II	3
AGRI 2207	Internship	9
AGRI 4500	Farm Operations	3
AGRI 4600	Experiential Learning in Agriculture	3
AGRY 3110	Forage Crops and Pastures	3
ASLH 1125	Poultry Science	3
ASLH 2203	Elements of Dairying	3

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

*Students should follow closely their advisor's recommendations for appropriate selections in Core Curriculum Areas B, D and E.

Degree: Bachelor of Applied Science (B.A.S.)
Major: Diversified Agriculture
Track: Crop and Soil Science

Successful completion of the Crop and Soil Science track of Diversified Agriculture will prepare students for careers such as crop production; sales and marketing in agriculture-related businesses; extension and other government service careers; crop consulting; precision agriculture; agricultural economics; and other positions in commercial agricultural production. In addition to learning the principles of managing land, crops, pests, people, money and other resources students will also take the courses necessary to prepare for entry into the Master of Plant Protection and Pest Management (MPPPM) degree as well as other master's programs in plant and soil sciences.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, use the non-science Area D option*)

42 hours

Area F and Major Courses:

78 hours

Required Courses: 69 hours

AECO 1150	Introduction to Agribusiness Management	3
AECO 2200 or ACCT 2101	Agricultural Records or Principles of Accounting I	3
AECO 2260	Agricultural Marketing	3
AENT 1113	Power Equipment	3
AGRP 1125	Fundamentals of Plant Protection	3
AGRY 2020	Soils and Fertilizer	3
ASLH 2010	Introduction to Animal Science	3
CHEM 1211/L	Principles of Chemistry I	4
CHEM 1212/L	Principles of Chemistry II	4
CHEM 2040/L	Fundamental Organic Chemistry	4
HORT 2201	Principles of Plant Science	3
AENG 3300	Precision Agriculture	3
AENT 3200	Drainage, Irrigation and Erosion	3
AGRI 4500 or 4600	Farm Operations or Experiential Learning in Agriculture	3
AGRP 3240	Weed Management	3
AGRP 3320	Plant Disease Management	3
AGRY 3510	Soil Management	3
AGRP 4422	Insect Pest Management	3
AGRY 3030	Field Crop Production	3
BIOL 3200	Genetics	3
HORT 3033	Fruit and Vegetable Production	3
MGMT 3670	Human Resource Management	3

Choose 9 hours from the following (6 hours must be from 3000 or 4000 level courses):

AECO 2265	Agricultural Marketing Practicum	3
AECO 3265	Advanced Agricultural Marketing Practicum	3
AECO 3430	Agricultural Financial Management	3
AECO 3800	Food and Agriculture Marketing	3
AECO 4100	Agribusiness Management	3
AECO 4710	Food and Ag Policy	3
AENG 3201	Biofuels Technology	3
AENT 2113	Power Equipment II	3
AGRI 4600	Experiential Learning in Agriculture	3
AGRY 3110	Forage Crops and Pastures	3
BIOL 2050/L	Microbiology and Health Care	4
BIOL 2070	Botany	4
BIOL 3100	Introductory Biochemistry & Molecular Biology	3
Upper Level BIOL courses	Choose any 3000 or 4000 Biology Course	1-4

Total hours required for the degree:

120 hours

Plus PHED 1100 and two PE activities courses.

*Students should follow closely their advisor's recommendations for appropriate selections in Core Curriculum Area D.

Degree: Bachelor of Applied Science (B.A.S.)
Major: Diversified Agriculture
Track: Livestock Production

Successful completion of the Livestock Production track of Diversified Agriculture will prepare students for careers in livestock production; sales and marketing in agriculture-related businesses; extension and other government service careers; agricultural economics; and positions at commercial agricultural production firms such as farms, ranches, poultry, swine, dairy, and beef operations. Students will learn the principles of managing land, livestock, people, money and other resources as they prepare to be tomorrow's agricultural leaders who will help feed and clothe an ever increasing population.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, use the non-science Area D option*) **42 hours**

Area F and Major Courses: **78 hours**

Required Courses: 57 – 63 hours (The range in hours required depends on whether students choose AGRI 2207 or 4600.)

AECO 1150	Intro to Agribusiness Management	3
AECO 2200 or ACCT 2101	Agricultural Records or Principles of Accounting I	3
AECO 2260	Ag Marketing	3
AENT 1113	Power Equipment	3
AGRI 2207 or 4600	Internship or Experiential Learning in Agriculture	9 or 3
AGRP 1125	Fundamentals of Plant Protection	3
AGRY 2020	Soils and Fertilizer	3
ASLH 2010	Introduction to Animal Science	3
HORT 2201	Principles of Plant Science	3
AECO 3430	Agricultural Financial Management	3
AECO 4100	Agribusiness Management	3
AGRY 3110	Forage Crops and Pastures	3
ASLH 3110	Food Animal Evaluation and Selection	3
ASLH 3120	Herd Health	3
ASLH 3318	Physiology of Reproduction	3
ASLH 4110	Meat Production, Processing and Marketing	3
ASLH 4205	Beef Production	3
ASLH 4405	Applied Animal Nutrition	3
MGMT 3670	Human Resource Management	3

Choose 15 - 21 hours from the following list (At least 6-9 hours must be from 3000 or 4000 level courses):

(The range in hours required depends on whether students choose AGRI 2207 or 4600 above.)

AECO 2265	Agricultural Marketing Practicum	3
AECO 3200	Agricultural Records II	
AECO 3265	Advanced Agricultural Marketing Practicum	3
AECO 3800	Food and Agriculture Marketing	3
AECO 4710	Food and Ag Policy	3
AENT 2113	Power Equipment II	3
AENG 3101	Metal Fabrication	3
AENT 3200	Drainage, Irrigation and Erosion	3
AENG 3300	Precision Agriculture	3
AGRI 2207	Internship	9
AGRI 4500	Farm Operations	3
AGRI 4600	Experiential Learning in Agriculture	3
AGRP 3240	Weed Management	3
AGRY 3030	Field Crop Production	3
AGRY 3510	Soil Management	3
ASLH 1125	Introduction to Poultry Science	3
ASLH 2203	Elements of Dairying	3
ASLH 4300A	Livestock Judging I	3
ASLH 4300B	Livestock Judging II	3

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

*Students should follow closely their advisor's recommendations for appropriate selections in Core Curriculum Area D.

Degree: Bachelor of Applied Science (B.A.S.)
Major: Natural Resource Management
Track: Forestry

The Forestry track of Natural Resource Management is designed to educate students in the management of forest resources in the Southeast and in the management of forest-based businesses. This track builds on ABAC's Associate of Applied Science degree program with a major in forestry and its experiential learning model. A minimum grade of C is required in all Forest Resources (FRSC prefix) courses.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, using Area D option for Non-Science majors)* **42 hours**

Area F Major Courses: **18 hours**

FRSC 1170	Dendrology	3
FRSC 2265	Silviculture	4
FRSC 2250	Forest Protection	2
FRSC 2280	Forest Harvesting	2
CHEM 1211 & lab	Principles of Chemistry I	3/1
FRSC 1140	Forest Measurements and Mapping	3

Required Major Courses: **60 hours**

FRSC 2200	Soils in Forest Resources	3
FRSC 2240	Forest Safety	1
FRSC 2243	Geographic Information Systems	4
FRSC 2255	Forest Mensuration	5
FRSC 2275	Forest Industries	2
FRSC 2285	Forestry Seminar	1
FRSC 2290	Timber Management	5
FRSC 3130	Endangered Species Management	2
FRSC 3150	Wildlife Management Principles	3
FRSC 3300	Fire Ecology and Management	4
FRSC 3520	Forest Hydrology and Wetlands Management	4
FRSC 4125	Fiber Procurement	2
FRSC 4350	Forest Nursery and Seed Orchard Management	3
FRSC 4370	Natural Resources Recreation	2
FRSC 4630	Senior Project	4
FRSC 4890/91/92	Special Topics in Forest Resources	3
FRSC 4910	Natural Resources Policy and Law	3
FRSC 4250	Forest Resources Business Management	3
FRSC 3170	Advanced Forest Ecology	3
FRSC 4265	Advanced Silviculture	3

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

*Students should follow closely their advisors' recommendations for appropriate selections in Core Curriculum Area D.

Degree: Bachelor of Applied Science (B.A.S.)
Major: Natural Resource Management
Track: Wildlife

The Wildlife track of Natural Resource Management is designed to educate students in the conservation and management of wildlife resources in the Southeast. Lab activities and field trips focus on experiential learning. A minimum grade of C is required in all Forest Resources (FRSC prefix) courses.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, using Area D option for Non-Science Majors)* **42 hours**

Area F: Major Courses: **18 hours**

FRSC 1170	Dendrology	3
FRSC 1192	Wildlife Ecology and Management I	3
FRSC 2265	Silviculture	4
FRSC 2100	Herbaceous Plant Communities	3

Choose 2 hours from the following:

FRSC 2260	Conservation Law Enforcement	2
FRSC 2266	Aquatic Habitats	2

Choose 3 hours from the following:

FRSC 1190	Natural Resource Conservation	3
SCIE 1005	Environmental Science	3

Required Major Courses: **60 hours**

FRSC 1140	Forest Measurements and Mapping	3
FRSC 2200	Soils in Forest Resources	3
FRSC 2261	Wildlife Ecology and Management II	3
FRSC 1150	Equipment Operation in Forest Resources	3
FRSC 3262	Introduction to Fisheries	3
FRSC 3363	Techniques in Wildlife Management	4
FRSC 3135	Nongame Wildlife Conservation and Management	2
FRSC 3243	Geographic Information Systems	4
FRSC 4150	Wildlife Measurements	4
FRSC 4910	Natural Resources Policy and Law	3
FRSC 3520	Forest Hydrology and Wetlands Management	4
FRSC 3130	Endangered Species Management	2
FRSC 4370	Forest Recreation and Ecotourism	2
FRSC 3300	Fire Ecology and Management	4
FRSC 4510	Vertebrate Natural History	3
FRSC 4630	Senior Project	4

Choose 9 hours from the following:

FRSC 3200	Wildlife Damage Management	3
FRSC 3400	Techniques in Fisheries Management	3
FRSC 4250	Forest Resources Business Management	3
FRSC 3770	Ornithology	3
FRSC 3600	Waterfowl Management	3
FRSC 3700	Upland Game Bird Management	3
FRSC 4450	Forest Resources Internship	3
FRSC 3880	Herpetology	3

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

*Students should follow closely their advisors' recommendations for appropriate selections in Core Curriculum Area D.

Students interested in earning the Certified Wildlife Biologist credential should also take FRSC 3770 Ornithology and FRSC 2266 Aquatic Habitats.

Degree: Bachelor of Applied Science (B.A.S.)
Major: Turfgrass & Golf Course Management

Turfgrass and Golf Course Management offers education in golf turf, sports turf, professional lawn care, turf production, and grounds management. Employment opportunities in the green industry are readily available for graduates. Students are encouraged to network with the related national and state professional associations as student members. Specific scholarships may be available from these industry and professional organizations.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, using Area D Non-Science option)* **42 hours**

Area F and Major Courses: **78 hours**

Required Career Block: 39 hours

Credit from the career block portion of an appropriate A.A.S.** will be applied toward the completion of the major requirement.

Required Courses: 15 hours

HORT 3310	Best Management Practices in Turfgrass	3
HORT 3520	Computations in Turfgrass Maintenance	3
HORT 4320	Management of Fine Turf	3
HORT 4600	Experiential Learning in Turf	3
HORT 4610	Turfgrass Resources	3

Choose 24 hours from the following:

AECO 3430	Agricultural Financial Management	3
AECO 4100	Agribusiness Management	3
AENG 3201	Biofuels Technology	3
AENG 3300	Precision Agriculture	3
AENT 3200	Drainage, Irrigation & Erosion Control	3
AENG 3101	Metal Fabrication	3
AGRP 3240	Weed Management	3
AGRY 3510	Soil Management	3
BUSA 3150	Business Finance	3
BUSA 3200	Small Business Accounting	3
COMM 3850	Intro to Public Relations	3
GLST 3700(A or B)	Global Experiential Learning	3
HORT 3230	Insect and Nematode Management	3
HORT 3236	Environmental Issues in Urban Agriculture	3
HORT 3250	Turfgrass Diseases	3
HORT 4330	Construction, Renovation and Grow-In	3
HORT 4890/91/92	Special Topics in Horticulture	3
MGMT 3670	Human Resources Management	3
MGMT 4260	Small Business Management	3
MGMT 4400	Family Business Management	3
MKTG 3800	Principles of Marketing	3

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

* Students should follow closely their advisors' recommendations for appropriate selections in Core Curriculum Area D.

A minimum grade of C is required in ENGL 1101 and ENGL 1102 in addition to MATH 1001, MATH 1111, MATH 1112, MATH 1113 or MATH 2053.

**Appropriate A.A.S. degree is Environmental Horticulture Technology.

Degree: Associate of Applied Science (A.A.S.)
Major: Diversified Agriculture

The A.A.S. in Diversified Agriculture is designed to prepare students for entry-level careers in production agriculture and agribusiness. This curriculum also satisfies the lower division requirements for the Bachelor of Applied Science in Diversified Agriculture, thus providing a gateway to the bachelor degree program.

Required Courses:		67 hours
CISM 2201	Fundamentals of Computer Applications	3
COMM 1100	Human Communication	3
ENGL 1101*	Composition I	3
ENGL 1102*	Composition II	3
HIST 2111	United States History I OR	
HIST 2112	United States History II	3
Humanities Elective	See Humanities Electives for AAS Majors	3
MATH 1001**	Quantitative Reasoning (or higher)	3
POLS 1101	American Government	3
AECO 1150	Introduction to Agribusiness Management	3
AECO 2200	Agricultural Records OR	
ACCT 2101	Principles of Accounting I	3
AECO 2258	Applied Economics	3
AECO 2260	Agricultural Marketing	3
AENT 1113	Power Equipment	3
AENT 2113	Power Equipment II	3
AGRI 2207***	Internship	9
AGRI 2209	Agricultural Seminar	1
AGRP 1125	Fundamentals of Plant Protection	3
AGRY 2020	Soils and Fertilizers	3
ASLH 2010	Intro to Animal Science	3
FRSC 1190	Natural Resource Conservation	3
HORT 2201	Principles of Plant Science	3

Total hours required for the degree: 67 hours

Plus PHED 1100 and two PE activities courses.

*Minimum grade of C in ENGL 1101 and ENGL 1102 is required.

**Excluding MATH 2008

***Students must complete 30 hours of course work before taking any internship course.

Degree: Associate of Applied Science (A.A.S.)
Major: Environmental Horticulture Technology
Track: Golf & Sports Turf Management

Environmental Horticulture Technology offers education in the specialized areas of golf and sports turf management and landscape design and grounds management. The Golf and Sports Turf Management track provides students with a detailed understanding of the technical requirements of the industry and helps students develop the skills needed as golf course superintendents, sports field managers, professional lawn care managers, turf production managers, landscape designers and managers, and horticulturalists. Students training in this program will find employment with golf courses, sports fields, commercial properties, contract maintenance, athletic and recreational areas, schools/colleges, lawn maintenance and landscape companies, and related horticultural and agronomic service.

Required Courses:		67 hours
AECO 1150	Introduction to Agribusiness Management	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2111	United States History I OR	
HIST 2112	United States History II	3
Humanities Elective	See Humanities Electives for AAS Majors	3
MATH 1001	Quantitative Reasoning (or higher)*	3
POLS 1101	American Government	3
COMM 1100	Human Communication OR	
COMM 1110	Public Speaking	3
AENT 1113	Power Equipment	3
AGRP 1125	Fundamentals of Plant Protection	3
AGRY 2020	Soils and Fertilizers	3
AGRI 2209	Agricultural Seminar	1
HORT 2230**	Turf Intern (Experiential Learning)	9
HORT 2231	Turfgrass Science and Technology	3
HORT 2232	Turf and Ornamental Pest Management	3
HORT 2233	Golf Course Design & Management	3
HORT 2237	Sports Turf Management	3
HORT 2239	Grounds Irrigation Systems	3
HORT 2270	Woody Ornamental Plant Identification	3

Choose 6 hours from below with advisor approval:

AECO 2200	Agricultural Records OR	
ACCT 2101	Principles of Accounting I	3
AENT 2113	Power Equipment II	3
CISM 2201	Fundamentals of Computer Applications	3
HORT 2201	Principles of Plant Science	3
HORT 2202	Grounds Maintenance Equipment	3
HORT 2208	Experiential Learning in Turfgrass	3
HORT 2215	Landscape Design	3
HORT 2241	Grounds Management	3
SPAN 1110	Spanish for Green Industry Professionals	3

Total hours required for the degree: 67 hours

Plus PHED 1100 and two PE activities courses.

*Excluding MATH 2008

**Students must complete 30 semester hours of course work and receive advisor approval before taking HORT 2230.

A minimum grade of C is required in ENGL 1101, ENGL 1102, and MATH 1001 or higher.

Degree: Associate of Applied Science (A.A.S.)
Major: Environmental Horticulture Technology
Track: Landscape Design & Grounds Management

Environmental Horticulture Technology offers training and education in the specialized area of landscape design and grounds management. This program provides the student with a detailed understanding of the technical requirements of the industry and helps students develop the skills needed as professional lawn care managers, turf production managers, landscape designers and managers, and horticulturalists. Students training in this program will find employment with golf courses, sports fields, commercial properties, contract maintenance, athletic and recreational areas, schools/colleges, lawn maintenance and landscape companies, and related horticultural and agronomic service.

Required Courses:		67 hours
AECO 1150	Introduction to Agribusiness Management	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2111	United States History I OR	
HIST 2112	United States History II	3
Humanities Elective	See Humanities Electives for AAS Majors	3
MATH 1001	Quantitative Reasoning (or higher)*	3
POLS 1101	American Government	3
COMM 1100	Human Communication OR	
COMM 1110	Public Speaking	3
AGRP 1125	Fundamentals of Plant Protection	3
AGRY 2020	Soils and Fertilizers	3
AGRI 2209	Agricultural Seminar	1
HORT 2215	Landscape Design	3
HORT 2231	Turfgrass Science and Technology	3
HORT 2232	Turf and Ornamental Pest Management	3
HORT 2239	Grounds Irrigation Systems	3
HORT 2240**	Landscape Intern (Experiential Learning)	9
HORT 2241	Grounds Management	3
HORT 2270	Woody Ornamental Plant Identification	3

Choose 6 hours from below with advisor approval:

AECO 2200	Agricultural Records OR	
ACCT 2101	Principles of Accounting I	3
AENT 2113	Power Equipment II	3
CISM 2201	Fundamentals of Computer Applications	3
HORT 2201	Principles of Plant Science	3
HORT 2202	Grounds Maintenance Equipment	3
HORT 2207	Experiential Learning in Landscaping	3
HORT 2233	Golf Course Design and Management	3
HORT 2271	Herbaceous Ornamental Plant Identification	3
SPAN 1110	Spanish for Green Industry Professionals	3

Total hours required for the degree: 67 hours

Plus PHED 1100 and two PE activities courses.

*Excluding MATH 2008

**Students must complete 30 semester hours of course work and receive advisor approval before taking HORT 2240.

A minimum grade of C is required in ENGL 1101, ENGL 1102, MATH 1001 or a higher MATH.

Degree: Associate of Applied Science (A.A.S.)
Major: Forestry

The A.A.S. in Forestry educates students in the basic concepts and practical techniques of forestry. Graduates are trained to function in a supporting capacity to professional foresters in private, state, and federal organizations.

Required Courses:		70-71 hours
ENGL 1101	Composition I	3
MATH 1001	Quantitative Reasoning (or higher)*	3
FRSC 1190	Natural Resource Conservation	3
FRSC 1150	Equipment Operation in Forest Resources	3
HIST 2111	United States History I OR	
HIST 2112	United States History II	3
ENGL 1102	Composition II	3
COMM 1100	Human Communication	3
POLS 1101	American Government	3
Humanities Elective	See Humanities Electives for AAS Majors	3
FRSC 1155	Computers in Forest Resources OR	
CISM 2201	Fundamentals of Computer Applications	2-3
FRSC 1170	Dendrology	3
FRSC 2225	Forest Measurements I	2
FRSC 2230	Forest Ecology & Soils	4
FRSC 2235	Forest Surveying & Mapping	4
FRSC 2240	Forest Safety	1
FRSC 2243	Geographic Info Systems	4
FRSC 2250	Forest Protection	2
FRSC 2255	Forest Mensuration	5
FRSC 2265	Silviculture	4
FRSC 2270	Principles of Supervision	2
FRSC 2275	Forest Industries	2
FRSC 2280	Forest Harvesting	2
FRSC 2285	Forestry Seminar	1
FRSC 2290	Timber Management	5

Total hours required for the degree: 70-71 hours

Plus PHED 1100 and two PE activities courses.

*Excluding MATH 2008

A minimum grade of C is required in ENGL 1101, MATH 1001 (or higher) and all Forest Resources (FRSC prefix) courses. ENGL 1101, MATH 1001 (or higher), FRSC 1190 and AENT 1113 should be completed prior to taking the second year courses.

THE STAFFORD SCHOOL OF BUSINESS

The Stafford School of Business provides students with various opportunities to excel in the business and economic development fields. Students have the opportunity to obtain a Bachelor of Science in Business and Economic Development.

DEGREE PROGRAMS OFFERED

BACCALAUREATE DEGREES

Degree Type	Major	Track
Bachelor of Science (B.S.)	Business & Economic Development	

Degree: Bachelor of Science (B.S.)
Major: Business & Economic Development

The Bachelor of Science degree with a major in Business & Economic Development builds upon the knowledge, skills, and values provided by the Core Curriculum while preparing students for a wide range of careers as well as for graduate study in numerous fields. The program develops students with general business management skills that will enable them to lead companies, start and build their own businesses, manage and lead family businesses, and create job growth in communities. The curriculum is built with flexibility so that students can focus their curriculum to fit their future career and business objectives. Real world experience is critical for a successful educational experience; thus, internships and hands-on class projects are a key part of the curriculum which emphasizes critical thinking skills, creative problem solving, appreciation of cultural diversity, and social responsibility.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, using Area D Non-Science option) **42 hours**

Area F: Major Courses: **18 hours**

(A minimum grade of C is required in these courses.)

ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106*	Principles of Microeconomics	3

*If ECON 2106 is used in Area E then must choose 9 hours from the following

Choose 6 hours from the following:

BUSA 1105	Introduction to Business	3
BUSA 2106	The Environment of Business	3
CISM 2201	Fundamentals of Computer Applications	3

Concentration Courses: **33 hours**

Choose 33 hours from the following: (A minimum grade of C is required in these courses.)

BUSA 3050	Business Statistics	3
BUSA 3106	Advanced Legal Environment of Business	3
BUSA 3150	Business Finance	3
BUSA 3200	Small Business Accounting	3
BUSA 4000	International Business	3
BUSA 4100	Social Media and Business	3
CISM 3201	Small Business Technology	3
ECON 3300	Contemporary Economic Issues	3
ECON 3101	American Economic History	3
ECON 4710	Rural Economic Development	3
ECON 4850	Economics of the Welfare State	3
ECON 4900	Community Development Strategies	3
MGMT 3600	Principles of Management	3
MGMT 3610	Operations Management	3
MGMT 3670	Human Resources Management	3
MGMT 4000	Leadership and Ethics	3
MGMT 4190	Strategic Management	3
MGMT 4260	Small Business Management	3
MGMT 4300	Selling and Negotiating	3
MGMT 4400	Family Business Management	3
MKTG 3800	Principles of Marketing	3

Foundation Courses: **12 hours**

(A minimum grade of C is required in these courses.)

COMM 3100	Professional Communication Methods	3
ENGL 4010	Introduction to Professional Writing	3
BUSA 4790(A,B or C)	Business Internship	3
BUSA 4980	Capstone Seminar: Senior Project	3

Elective courses: **15 hours**

General elective courses may be from any area of courses 1000 or higher. (Exceptions: ABAC 1000, ABAC 1100, SPAN 1001, or PHED courses do not count as general electives.)

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

THE SCHOOL OF HUMAN SCIENCES

The School of Human Sciences offers a track in Social and Community Development within the Bachelor of Arts and Bachelor of Science degrees in Rural Studies. In addition, students may obtain an Associate of Science or Arts degree in Core Curriculum preparing them for further study in such Human Sciences fields as criminal justice, education, family and consumer sciences, human services (social work), physical education, psychology, and sociology.

DEGREE PROGRAMS OFFERED

BACCALAUREATE DEGREES

Degree Type	Major	Track
Bachelor of Arts (B.A.)	Rural Studies	Social and Community Development
Bachelor of Science (B.S.)	Rural Studies	Social and Community Development

Degree: Bachelor of Arts or Science (B.A. or B.S.)
Major: Rural Studies
Track: Social & Community Development

The School of Human Sciences offers a track in Social and Community Development within the Bachelor of Arts and Bachelor of Science degrees in Rural Studies. This interdisciplinary degree focuses on equipping students with the skills and abilities to create positive change in the social, economic, political, and cultural aspects of rural communities. The program emphasizes critical thinking skills, cultural understanding, and social responsibility and provides opportunities for hands-on learning and internships. Students are prepared to pursue a variety of career paths in community planning, non-profits, public administration, governmental agencies, chambers of commerce, and agencies serving individuals and families or for graduate study in psychology, sociology, and human services among others.

Rural Studies - Social & Community Development - Curriculum

Core Curriculum: Areas A-E (See ABAC Core Curriculum, using Area D Non-Science option) **42 hours**

Bachelor of Science degree-seeking students

Core Curriculum Area F **18 hours**

Choose 6 courses from the following list of courses not taken in other areas of the core:

BIOL 1107/1107L, BIOL 1108/1108L, BIOL 2011/2011L, BIOL 2012/2012L, CISM 2201, CRJU 1100, CRJU 1170, CRJU 2230, ECON 2105, ECON 2106 or AECO 2258, EDUC 2110, EDUC 2120, FACS 1151, FACS 2220, FACS /SOCI 2293, GEOG 1101, GNDR 1101, HIST 1111, HIST 1112, HIST 2111, HIST 2201, HIST 2232, MATH 2000, POLS 2101, POLS 2201, POLS 2210, POLS 2401, PSYC 1101, PSYC 2101, PSYC 2103, PSYC 2201, RELG 1100, SOCI 1101, SOCI 1160, SOCI 2500, Foreign Language 1002 or higher.

Bachelor of Arts degree-seeking students

Core Curriculum Area F **18 hours**

Foreign Language through 2002 (Required): 9 hours

Choose 3 courses from the courses above not taken in other areas of the core 9 hours

Foundation Courses: **15 hours**

COMM 3100	Professional Communication Methods	3
ENGL 4010	Introduction to Professional Writing	3
RLST 3000	Introduction to Rural Studies	3
RLST 4790(A,B or C)	Rural Studies Internship	3
RLST 4980	Capstone Seminar: Senior Project OR	
RLST 4990	Capstone Seminar	3

Track Courses: **30 hours**

RLST 3060	Research Methods OR	
RLST 3065	Community Research Methods	3

Choose 27 hours from the following:

AECO 4710	Food and Agricultural Policy	3
ECON 3300	Contemporary Economic Issues in Rural Societies	3
ECON 4710	Rural Economic Development	3
ECON 4900	Community Development Strategies	3
EDUC 3140	Education in Rural Contexts	3
ENGL 3115	Visual Rhetoric of Document Design	3
FACS 4100	Community Context of Individual & Family Well-Being	3
GEOG 4001	Issues in Rural Geography	3
GEOG 4020	Sustainable Communities	3
HIST 4110	Rural Communities in Historical Study	3
PADM 3500	Introduction to Public Administration	3
PADM 3520	Public Finance Administration	3
PADM 4320	Organizational Theory	3
POLS 3570	Introduction to Public Policy	3
POLS 4080	Political Communication	3
PSYC 3000	Psychology in the Rural Community	3
PSYC 4150	Psychology in the Workplace	3
PSYC 4250	Rural Experiences with Race, Class, Gender, & Sexuality	3
RLST 3050	Practical Applications in Community Organizations	3
RLST 3070	Issues in Rural Health	3
RLST 4020	Proposal and Grant Writing	3
SOCI 3000	Rural Sociology	3
SOCI 3500	Rural Demography	3
SOCI 4750	Social Policy for Rural Communities	3

General Rural Studies Elective Courses: **15 hours**

(Must be comprised of courses numbers 3000 or above from any Rural Studies curriculum and not used in the above areas, or GLST 3700(A or B) Global Experiential Learning).

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

THE SCHOOL OF LIBERAL ARTS

The School of Liberal Arts offers tracks in Politics and Modern Cultures and Writing and Communication within the Bachelor of Arts and Bachelor of Science degrees in Rural Studies. In addition, students may obtain an Associate of Arts degree in Core Curriculum preparing them for further study in such fields as art, communication, English, foreign language, history, journalism, music, and political science. A student augments Liberal Arts course work by extensive practical experience, by co-curricular activity, and by participating in the arts programming offered by the School: Concert Band, Concert Choir, Jazz Ensembles, Baldwin Players, *The Stallion*, *Pegasus*, and Visual Art displays among others.

DEGREE PROGRAMS OFFERED

BACCALAUREATE DEGREES

Degree Type	Major	Track
Bachelor of Arts (B.A.)	Rural Studies	Politics & Modern Cultures Writing and Communication
Bachelor of Science (B.S.)	Rural Studies	Agricultural Communication Politics & Modern Cultures Writing and Communication

ASSOCIATE DEGREES

Degree Type	Major	Track
Associate of Fine Arts in Music (A.F.A.M.)	Music	Vocal Instrumental

Degree: Bachelor of Science (B.S.)
Major: Rural Studies
Track: Agricultural Communication

The Agricultural Communication track of the Rural Studies major prepares students to work in ag-related agencies and enterprises that focus on production agriculture, such as farm broadcasting, agricultural chemical sales, agricultural publications related to specific or broad-based agricultural specialties; and to serve as communication specialists or public relations agents for agricultural commodity organizations, businesses, or non-profits. It also prepares students to enter graduate school in Ag Communication.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, Area B using at least 4 hours **AND** Area D Non-Science option) **42 hours**

Core Curriculum Area F: **18 hours**

Choose 3 courses from the following list of courses:

(Select courses that will meet prerequisite requirements for the senior level diversified agriculture courses).

AECO 1150, AECO 2200 or ACCT 2101, AECO 2260, AENT 1113, AGRP 1125, AGRY 2020, ASLH 2010, HORT 2201

Choose 3 courses from the following list of courses not used elsewhere in the core or Area F.

AECO 1150, AECO 2200 or ACCT 2101, AECO 2260, AENT 1113, AGRP 1125, AGRY 2020, ASLH 2010, AENT 1113, BUSA 2105, CISM 2201, COMM 1110, COMM 2100, COMM 2300, ENGL 2401, ENGL 2402, JRNL 1101, JRNL 2510, JRNL 2610

*See advisor for assistance with Area F course selection.

Foundation Courses: **15 hours**

COMM 3100	Professional Communication Methods	3
ENGL 4010	Introduction to Professional Writing	3
RLST 3000	Introduction to Rural Studies	3
RLST 4790(A, B or C)	Rural Studies Internship	3
RLST 4980	Capstone Seminar: Senior Project	3

Track Courses: **30 hours**

Choose 30 hours from the following:

COMM 3325	Intercultural Communication	3
COMM 3850	Introduction to Public Relations	3
COMM 4000	Mass Media Industries	3
COMM 4210	Communication Ethics	3
COMM 4500	Persuasive Communication	3
ENGL 3020	Advanced Composition	3
ENGL 3050	Writing the Rural Life	3
ENGL 3115	Visual Rhetoric and Document Design	3
ENGL 3125	Writing for Contemporary Media	3
ENGL 3300	Literature of Rural America	3
ENGL 3325	Literature and Film: Representing the Rural	3
ENGL 4760	Survey of Southern Literature	3
ENGL 4010	Professional Writing	3
ENGL 4030	Editing	3
ENGL 4310	Topics in Rural Literature	3
RLST 4020	Proposal and Grants Writing	3

Diversified Agriculture Courses: upper division course work required **9 hours**

Choose 9 hours from the following:

(Prerequisites for these courses should be considered when choosing Area F Core Curriculum Courses).

AECO 3430, AECO 3800, AGRP 3240, AGRY 3510, AENG 3300, ASLH 3120, ASLH 4405, AGRI 4500, AECO 4100, AECO 4710, AENG 3101, AENG 3201, AGRP 3320, AGRP 4422, AGRY 3030, ASLH 3110, ASLH 3318, ASLH 4110, ASLH 4205, GLST 3700(A or B), MGMT 3670, MKTG 3800.

General Rural Studies Elective Courses: **6 hours**

(Must be comprised of courses numbers 3000 or above from any Rural Studies curriculum and not used in the above areas, or GLST 3700(A or B) Global Experiential Learning).

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

Degree: Bachelor of Arts or Science (B.A. or B.S.)
Major: Rural Studies
Track: Politics and Modern Cultures

The Politics and Modern Cultures track of the Rural Studies major prepares students for work in government, non-profit, and private sector organizations that deal with rural issues, such as Habitat for Humanity, the University of Georgia (UGA) extension service, the Southern Rural Development Center, Main Street programs, and others of similar nature or for work in museums and archives; or be ready to enter graduate school programs in areas such as historic preservation, global studies, journalism, law, and others. Politics and Modern Cultures emphasizes critical thinking skills, encourages an appreciation of diverse cultural perspectives, and develops a greater understanding of the issues particular to the rural environment to provide an avenue of self-knowledge, cultural understanding, and social responsibility.

Rural Studies - Politics and Modern Cultures - Curriculum

Core Curriculum: Areas A-E (See ABAC Core Curriculum, Area B using at least 4 hours **AND** Area D Non-Science option) **42 hours**

Bachelor of Science degree-seeking students

Core Curriculum Area F: **18 hours**

Choose 6 courses from the following list of courses not taken in other areas of the core:

ARTS 2211, ARTS 2212, ARTS 2213, COMM 2100, COMM 2300, CSCI 1100, ECON 2105, ECON 2106 or AECO 2258, ENGL 2131, ENGL 2132, ENGL 2401, GEOG 1101, HIST 1111, HIST 1112, HIST 2201, HIST 2232, HUMN 2221, HUMN 2222, ITEC 2215, MATH 2000 (strongly encouraged), MUSC 1100, POLS 2401, PSYC 1101, RELG 1100, SOCI 1101, THEA 1100.

Bachelor of Arts degree-seeking students

Core Curriculum Area F: **18 hours**

Foreign Language through 2002 (Required): 9 hours

Choose 3 courses from the courses above not taken in other areas of the core: 9 hours

Foundation Courses: **15 hours**

COMM 3100	Professional Communication Methods	3
ENGL 4010	Introduction to Professional Writing	3
RLST 3000	Introduction to Rural Studies	3
RLST 4790(A, B or C)	Rural Studies Internship	3
RLST 4980	Capstone Seminar: Senior Project OR	
RLST 4990	Capstone Course	3

Track Courses: 30 hours

RLST 3060	Research Methods OR	
RLST 3065	Community Research Methods	3

Choose 27 hours from the following:

ARTS 4300	Rural Arts: Global Connections and Variations	3
EDUC 3140	Education in Rural Contexts	3
ENGL 3325	Film and Literature: Representing the Rural	3
ENGL 4310	Topics in Rural Literature	3
GEOG 3050	Economic Geography	3
GEOG 4001	Issues in Rural Geography	3
GEOG 4020	Sustainable Communities	3
HIST 3000	History of Rural America	3
HIST 3050	Borderlands in a Rural World	3
HIST 3100	Introduction to Public History	3
HIST 3280	Farms, Factories, and Food: A Global Perspective	3
HIST 4080	History of Science and Technology in the Modern World	3
HIST 4110	Rural Communities in Historical Study	3
HIST 4230	Slavery and the Early Modern World	3
HIST 4280	Social Movements in Rural America	3
MUSC 4300	American Popular Music: Multicultural Study	3
PADM 3500	Introduction to Public Administration	3
PADM 3520	Public Finance Administration	3
POLS 3060	Rural Political Development: Foundations of the Modern World	3
POLS 3065	Principles of Political Thought: From Agrarian to Cosmopolitan	3
POLS 3570	Introduction to Public Policy	3
POLS 4080	Political Communication	3
POLS 4350	Fundamentals of International Relations	3
RLST 3070	Issues in Rural Health	3

General Rural Studies Elective Courses: **15 hours**

(Must be comprised of courses numbers 3000 or above from any Rural Studies curriculum and not used in the above areas, or GLST 3700(A or B) Global Experiential Learning)

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

Degree: Bachelor of Arts or Science (B.A. or B.S.)
Major: Rural Studies
Track: Writing and Communications

The Writing and Communications track of the Rural Studies major addresses issues related to identifying the rural audience and shaping and publishing materials for that audience in meaningful ways. It emphasizes the social and cultural aspects of rural development and prepares students to identify needs and to offer workable solutions for issues of the changing rural landscape. The track prepares students for work in public and private sector communications departments such as government agencies, hospitals, non-profit organizations, businesses that deal with rural issues or operate in a rural setting, and others of similar nature; or be ready to enter graduate school programs in areas such as writing, communication, journalism, law, and others. The track emphasizes critical thinking skills, encourages an appreciation of diverse cultural perspectives, and develops a greater understanding of the issues particular to the rural environment to provide an avenue of self-knowledge, cultural understanding, and social responsibility.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, Area B using at least 4 hours **AND** Area D Non-Science option) **42 hours**

Bachelor of Science degree-seeking students

Core Curriculum Area F: **18 hours**

Choose 6 courses from the following list of courses not taken in other areas of the core:

ARTS 2211, ARTS 2212, ARTS 2213, BUSA 2105, COMM 2100, COMM 2300, CSCI 1100, ENGL 2114, ENGL 2115, ENGL 2116, ENGL 2131, ENGL 2132, ENGL 2401, ENGL 2402, GEOG 1101, HIST 1111, HIST 1112, HIST 2201, HIST 2232, HUMN 2221, HUMN 2222, ITEC 2215, JRNL 1101, JRNL 2510, MATH 2000 (strongly encouraged) MUSC 1100, POLS 2401, PSYC 1101, RELG 1100, SOCI 1101, THEA 1100.

Bachelor of Arts degree-seeking students

Core Curriculum Area F: **18 hours**

Foreign Language through 2002 (Required): 9 hours

Choose 3 courses from the courses above not taken in other areas of the core: 9 hours

Foundation Courses: **15 hours**

COMM 3100	Professional Communication Methods	3
ENGL 4010	Introduction to Professional Writing	3
RLST 3000	Introduction to Rural Studies	3
RLST 4790(A, B or C)	Rural Studies Internship	3
RLST 4980	Capstone Seminar: Senior Project OR	
RLST 4990	Capstone Seminar	3

Track Courses: **30 hours**

Choose 30 hours from the following:

COMM 3325	Intercultural Communication	3
COMM 3850	Introduction to Public Relations	3
COMM 4000	Mass Media Industries	3
COMM 4210	Communication Ethics	3
COMM 4500	Persuasive Communication	3
ENGL 3020	Advanced Composition	3
ENGL 3050	Writing the Rural Life	3
ENGL 3115	Visual Rhetoric and Document Design	3
ENGL 3300	Literature of Rural America	3
ENGL 3325	Literature and Film: Representing the Rural	3
RLST 4020	Proposal and Grants Writing	3
ENGL 4030	Editing	3
ENGL 4310	Topics in Rural Literature	3
ENGL 4760	Survey of Southern Literature	3
JRNL 3125	Writing for Contemporary Media	3

General Rural Studies Elective Courses: **15 hours**

(Must be comprised of courses numbers 3000 or above from any Rural Studies curriculum and not used in the above areas, or GLST 3700(A or B) Global Experiential Learning).

Total hours required for the degree: **120 hours**

Plus PHED 1100 and two PE activities courses.

Degree: Associate of Fine Arts (A.F.A.M.)
Major: Music

The Associate of Fine Arts degree in Music is a broad-based approach to music experience with an emphasis on music performance. This program prepares students to transfer into the Bachelor of Fine Arts programs at senior institutions in either vocal or instrumental music at the junior level. The AFA in music provides focused personal instruction and experience in performance as an individual and with large and small ensembles. It also provides the full range of music theory and skill training expected in the first two years of a Bachelor of Fine Arts degree.

Area A: Essential Skills:		9 hours
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
MATH	Course approved for Area A Math	3

Area B: Institutional Options:		3 hours
COMM 1100	Human Communication OR	
COMM 1110	Public Speaking	3

Area C: Humanities/Fine Arts:		3 hours
One approved course from Fine Arts listing (prefer MUSC 1100)		3

(Remaining Area C requirements to be completed at institution of transfer)

Area D: Science, Mathematics, & Technology:		4 hours
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One approved lab science from the course listings - Non-Science major courses preferred. 3/1

(Remaining Area D requirements are to be completed at institution of transfer.)

Area E: Social Science:		9 hours
HIST 2111	United States History I OR	
HIST 2112	United States History II	3
POLS 1101	American Government	3
One Approved Area E Elective		3
(Remaining Area E requirements to be completed at institution of transfer)		

Area F: Major courses:		32 hours
MUSC 1134*	Music Theory I	3
MUSC 1135*	Music Theory II	3
MUSC 2234*	Music Theory III	3
MUSC 2235*	Music Theory IV	3
MUSC 1134L	Aural & Sight-Singing Lab I	1
MUSC 1135L	Aural & Sight-Singing Lab II	1
MUSC 2234L	Aural & Sight-Singing Lab III	1
MUSC 2235L	Aural & Sight-Singing Lab IV	1
MUSC 1182A & B	Applied Music	4
MUSC 2282A & B	Applied Music	4
MUSC 2080**	Concert Band OR	
MUSC 2090**	Concert Choir OR	
MUSC 2290**	Jazz Ensemble OR	
MUSC 2292**	Jazz Combo	4
MUSC*	Secondary Applied	4

Total hours required for the degree:		60 hours
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Plus PHED 1100 and two PE activities courses.

*MUSC 1001 or MUSC 1181A or 1181B or MUSC 2281A or 2281B (Secondary Applied Music Piano) is a co-requisite and must be taken concurrently with these courses. Music majors take MUSC 1001 or MUSC 1182 and/or MUSC 2282 (Applied Piano) each semester or satisfy the requirement via a proficiency exam.

**Instrumental music majors are required to take MUSC 2080, vocal music majors MUSC 2090, and jazz majors MUSC 2290 or MUSC 2292 each semester of attendance.

THE SCHOOL OF NURSING AND HEALTH SCIENCES

The School of Nursing and Health Sciences offers two tracks leading to eligibility to take the licensing examination to be a Registered Nurse (RN). The first track is the one-year registered nurse track, commonly known as the bridge track, in which licensed practical nurses, registered paramedics, and registered respiratory therapists may qualify for advanced placement into the Associate of Science in Nursing degree program after they complete all of the core courses. The nursing courses are completed in three semesters (one calendar year). The second track is the traditional or generic track, which can be completed in as few as two semester of pre-requisites and four semesters of nursing courses for a total of six semesters.

DEGREE PROGRAMS OFFERED

ASSOCIATE OF SCIENCE IN NURSING

Degree Type	Major	Track
Associate of Science in Nursing (A.S.N.)	Nursing	One-year Registered Nurse (Bridge)
		Generic

Degree: Associate Science in Nursing (ASN)
Major: Nursing
Track: One-Year Registered Nurse (Bridge)

The ASN (one-year registered nurse bridge) is designed to prepare students with previous training in certain health fields for entry into the nursing field. After completion of degree requirements, students may seek licensure as a registered nurse.

Required Courses:		61 hours
BIOL 2011 & lab*	Human Anatomy & Physiology I	3/1
BIOL 2012 & lab*	Human Anatomy & Physiology II	3/1
BIOL 2050 & lab	Microbiology and Health Care	3/1
ENGL 1101*	Composition I	3
ENGL 1102	Composition II	3
FINE ARTS	(Choose one of the Fine Arts Electives for AAS Majors)	3
HIST 2111	United States History I OR	
HIST 2112	United States History II	3
MATH 1001*	Quantitative Reasoning OR	
MATH 1111*	College Algebra	3
PNUR 1104*	Pharmacology for Health Professions	2
POLS 1101	American Government	3
PSYC 1101*	Introduction to Psychology OR	
PSYC 2103*	Human Growth and Development	3
NURS 1109B	Nursing I-Health & Physical Assessment	3
NURS 1115B	Nursing II- Transition Associate Degree Nursing	3
NURS 2207B	Nursing III- Medical/Surgical II	6
NURS 2208B	Nursing IV- Maternal-Child & Women's Health	4
NURS 2209B	Nursing V- Pediatrics	4
NURS 2210B	Nursing VI- Medical/Surgical III	6
Successful completion of the Competency Validation Exit Exam		

Total hours required for the degree: 61 hours

Plus two PE activity courses are required. Wellness courses do not fulfill the PE requirement.

Students will be required to schedule a minimum of FOUR days during the program for observation in specialty units, clinical experiences, examinations and/or preceptorships.

*These courses are required prior to taking Nursing Courses in the One-Year Registered Nurse (Bridge) Track

Degree: Associate Science in Nursing (ASN)

Major: Nursing

Track: Generic

The ASN generic track is designed to prepare students for entry into the nursing field. After completion of degree requirements, students may seek licensure as a registered nurse.

Required Courses:		70 hours
BIOL 2011 & lab*	Human Anatomy & Physiology I	3/1
BIOL 2012 & lab*	Human Anatomy & Physiology II	3/1
BIOL 2050 & lab	Microbiology and Health Care	3/1
ENGL 1101*	Composition I	3
ENGL 1102	Composition II	3
FINE ARTS	(Choose one of the Fine Arts Electives for AAS Majors)	3
HIST 2111	United States History I OR	
HIST 2112	United States History II	3
MATH 1001*	Quantitative Reasoning OR	
MATH 1111*	College Algebra	3
PNUR 1104*	Pharmacology for Health Professions	2
POLS 1101	American Government	3
PSYC 1101*	Introduction to Psychology OR	
PSYC 2103*	Human Growth and Development	3
NURS 1108	Nursing I – Fundamentals	6
NURS 1109	Nursing I-Health & Physical Assessment	3
NURS 1110	Nursing III- Medical/Surgical I	6
NURS 2207	Nursing III- Medical/Surgical II	6
NURS 2208	Nursing IV- Maternal-Child & Women's Health	4
NURS 2209	Nursing V- Pediatrics	4
NURS 2210	Nursing VI- Medical/Surgical III	6
Successful completion of the Competency Validation Exit Exam		

Total hours required for the degree:

70 hours

Plus two PE activity courses are required. Wellness courses do not fulfill the PE requirement.

*These courses are required prior to taking Nursing Courses in the Generic Track

THE SCHOOL OF SCIENCE AND MATHEMATICS

The School of Science and Mathematics offers a Bachelor of Science in Biology degree and prepares students for further study in engineering, chemistry, and physics. The School of Science and Mathematics is committed to producing biology graduates who have a strong understanding and mastery of the organization and processes of life from the molecular to ecosystem levels. Biology graduates who fulfill the core values of the program will be strong scientists capable of competing with peers in graduate/professional programs or entering the job market with the skills necessary to work individually or collaboratively within a laboratory setting.

DEGREE PROGRAMS OFFERED

BACCALAUREATE DEGREES

Degree Type	Major	Track
Bachelor of Science (B.S.)	Biology	General
		Pre-professional

Degree: Bachelor of Science (B.S.)
Major: Biology
Track: General Biology

The School of Science and Mathematics offers a program of study leading to a B.S. degree with a major in Biology. There are two tracks within the biology degree: a general track and a pre-professional track. The general track will prepare students for graduate school and work as biologists. Biologists are involved in research which seeks to discover ways of curing disease, eliminating famine, minimizing man's effect on the climate, increasing life expectancy, and utilizing biological knowledge and understanding to improve our lives while at the same time protecting the environment. Consequently, biologists are employed by governmental agencies, the military, and private industry in such diverse fields as agriculture, wildlife biology, genetics, pharmaceuticals, law, and many others.

Biology - General Biology – Curriculum

Core Curriculum: Areas A-E (See ABAC Core Curriculum, using Area D Science option)
(Area D: CHEM 1211/1211L and CHEM 1212/1212L are strongly recommended.)

42 hours

General

Area F: Major courses: (A minimum grade of C is required in all of these courses.)

18 hours

Required Courses: 8 hours

BIOL 1107 & lab	Principles of Biology I	3/1
BIOL 1108 & lab	Principles of Biology II	3/1

Choose a minimum of 10 hours from the following:

CHEM 1211 & lab	Principles of Chemistry I	3/1
CHEM 1212 & lab	Principles of Chemistry II	3/1
CHEM 2040 & lab	Fundamental Organic Chemistry I	3/1
CHEM 2041	Fundamental Organic Chemistry II	3
MATH 2000	Statistics	3
Hours from Areas A and D		1-2

Senior College Curriculum (required for both tracks):

37 hours

(A minimum grade of C is required in all of these courses).

BIOL 2070	Botany	4
BIOL 2080	General Zoology	4
BIOL 3100	Introductory Biochemistry & Molecular Biology	4
BIOL 3200	Genetics	4
BIOL 3350	Ecology and Evolution	4
BIOL 3500	Microbiology	4
BIOL 3850*	Comparative Vertebrate Anatomy	4
BIOL 4100	Cell and Molecular Biology	4
BIOL 4250*	Animal Physiology	4
BIOL 4900	Senior Seminar	1

*Note: General Track may substitute BIOL 3800 for BIOL 3850, and BIOL 4200 for BIOL 4250

General Track:

23 hours

Choose 23 hours from the following:

PHYS 1111 or 2211	Physics I	3/1
PHYS 1112 or 2212	Physics II	3/1
BIOL 3030	Mycology	4
BIOL 3040	Plant Pathology	4
BIOL 3060	Entomology	4
BIOL 3070	Animal Behavior	4
BIOL 3090	Invertebrate Zoology	4
BIOL 3101	Biochemistry II	3
BIOL 3180	Field Botany	4
BIOL 3250	Toxicology	3
BIOL 3800	Plant Anatomy OR	
BIOL 3850	Comparative Vertebrate Anatomy	4
BIOL 4150	Neuroscience	4
BIOL 4200	Plant Physiology OR	
BIOL 4250	Animal Physiology	4
BIOL 4300	Parasitology	4
BIOL 4350	Population Genetics	3
BIOL 4400	Immunology	4
BIOL 4600	Biological Research Methods	2
BIOL 4601	Biological Research	2
BIOL 4890/91/92	Special Topics in Biology	1-4
ENGL 3010	Technical Writing	3
BIOL 3770	Ornithology	3
BIOL 3880	Herpetology	3
CHEM 2040L	Organic Chemistry Lab II	1
SCIE 1003	Medical Terminology	1
BIOL 4500	Internship	1-3

Total hours required for the degree:

120

Plus PHED 1100 and two PE activities courses.

Degree: Bachelor of Science (B.S.)
Major: Biology
Track: Pre-Professional

The School of Science and Mathematics offers a program of study leading to a B.S. degree with a major in Biology. There are two tracks within the biology degree: a general track and a pre-professional track. The pre-professional track is designed for students interested in pursuing professional education in medicine, veterinary medicine, dentistry, pharmacy, optometry, forensic science, and other clinically related fields.

Core Curriculum: Areas A-E (See ABAC Core Curriculum, using Area D Science option) **42 hours**
 (Area D: CHEM 1211/1211L and CHEM 1212/1212L are strongly recommended.)

Pre-Professional Track

Area F: Major courses: (A minimum grade of C is required in all of these courses.) **18 hours**

Required Courses: 8 hours

BIOL 1107 & lab	Principles of Biology I	3/1
BIOL 1108 & lab	Principles of Biology II	3/1

Choose a minimum of 10 hours from the following:

CHEM 1211 & lab	Principles of Chemistry I	3/1
CHEM 1212 & lab	Principles of Chemistry II	3/1
CHEM 2040 & lab	Fundamental Organic Chemistry I	3/1
CHEM 2041	Fundamental Organic Chemistry II	3
MATH 2000	Statistics	3
Hours from Areas A and D		1-2

Senior College Curriculum (required for both tracks): **37 hours**
 (A minimum grade of C is required in all of these courses).

BIOL 2070	Botany	4
BIOL 2080	General Zoology	4
BIOL 3100	Introductory Biochemistry & Molecular Biology	4
BIOL 3200	Genetics	4
BIOL 3350	Ecology and Evolution	4
BIOL 3500	Microbiology	4
BIOL 3850*	Comparative Vertebrate Anatomy	4
BIOL 4100	Cell and Molecular Biology	4
BIOL 4250*	Animal Physiology	4
BIOL 4900	Senior Seminar	1

*Note: General Track may substitute BIOL 3800 for BIOL 3850, and BIOL 4200 for BIOL 4250

Pre-professional Track: **23 hours**
 Required Courses: 8 hours (A minimum grade of C is required in these courses)

PHYS 1111 or 2211	Physics I	3/1
PHYS 1112 or 2212	Physics II	3/1

Electives: Choose 15 hours from the following:

BIOL 3030	Mycology	4
BIOL 3060	Entomology	4
BIOL 3070	Animal Behavior	4
BIOL 3101	Biochemistry II	3
BIOL 3250	Toxicology	3
BIOL 4150	Neuroscience	4
BIOL 4300	Parasitology	4
BIOL 4350	Population Genetics	3
BIOL 4400	Immunology	4
BIOL 4600	Biological Research Methods	2
BIOL 4601	Biological Research	2
BIOL 4890/91/92	Special Topics in Biology	1-4
ENGL 3010	Technical Writing	3
CHEM 2041L	Organic Chemistry Lab II	1
BIOL 3880	Herpetology	3
SCIE 1003	Medical Terminology	1
BIOL 4500	Internship	1-3

Total hours required for the degree: **120**

Plus PHED 1100 and two PE activities courses.

COURSE DESCRIPTIONS

COLLEGE-WIDE COURSE DESIGNATION ABBREVIATIONS

Abbreviation	Subject Area	Abbreviation	Subject Area
ABAC	Orientation/Study Skills	HMSR	Human Services
ACCT	Accounting	HNRS	Honors
AECO	Agricultural Economics	HORT	Horticulture
AENG	Agricultural Engineering	HUMN	Humanities
AENT	Agricultural Technology	HUSC	Human Sciences
AGRI	Agriculture	ISCI	Integrated Science
AGRP	Agricultural Pest Mgmt.	ITEC	Information Technology
AGRY	Agronomy	JRNL	Journalism
ARTS	Art	MATH	Mathematics
ASLH	Animal Science & Livestock Health	MGMT	Management
BIOL	Biology	MKTG	Marketing
BUSA	Business Administration	MUSC	Music
CHEM	Chemistry	NURS	Nursing
CISM	Computer Information System	PADM	Public Administration
COMM	Communications	PHED	Physical Education
CRJU	Criminal Justice	PHSC	Physical Science
CRSS	Plant Science	PHYS	Physics
CSCI	Computer Science	PNUR	Pre-Nursing
ECON	Economics	POLS	Political Science
EDSV	Educational Service Learning	PSYC	Psychology
EDUC	Education	READ	Reading
ENGL	English	RELG	Religion
FACS	Family and Consumer Sciences	RLST	Rural Studies
FRSC	Forest Resources	SCIE	Science
GEOG	Geography	SOCI	Sociology
GLST	Global Studies	SOSC	Social Science
GNDR	Gender Studies	SPAN	Spanish
HIST	History	THEA	Drama

COLLEGE-WIDE COURSE NUMBERING

Courses numbered 1000-2999 are lower-level semester courses; 3000-4999 are upper-level semester courses. Courses numbered less than 1000 are institutional or Learning Support courses.

ABAC 1000 FRESHMAN SEMINAR. 1 hour. Two hours of lecture each week for the first half of the semester. This course is designed to provide orientation to the institution and to college living that will aid students in transition to the college environment. Fall, Spring and Summer.

ABAC 1100 ACADEMIC SUCCESS SEMINAR. 1 hour. One hour credit course designed to teach the skills necessary to become successful college students who maintain a good academic standing. The course is designed to help students succeed at ABAC by learning and using practical strategies and skills. Students must receive a referral for this course from the Academic Affairs office. Fall and Spring.

ACCT 2101 PRINCIPLES OF ACCOUNTING I. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. A study of the underlying theory and application of financial accounting concepts. Not open to students with credit for AEEO 2200. Fall, Spring and Summer.

ACCT 2102 PRINCIPLES OF ACCOUNTING II. 3 hours. Prerequisite: ACCT 2101 with a minimum grade of C. A study of the underlying theory and application of managerial accounting concepts. Fall, Spring and Summer.

AEEO 1150 INTRODUCTION TO AGRIBUSINESS MANAGEMENT. 3 hours. A study of agribusiness management with major emphasis upon decision-making and efficient use of agribusiness resources. Fall and Spring.

AEEO 2200 AGRICULTURAL RECORDS. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. A study of the accounting and financial data in agriculture and how it may be used to manage various agricultural organizations through the preparation and analysis of financial statements. Not open to students with credit for ACCT 2101. Fall and Spring.

AEEO 2258 APPLIED ECONOMICS. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. A study of the economic principles of Agricultural Economics and the application of these principles to the solution of agricultural and farm business problems. Not open to students with credit for ECON 2106. Fall and Spring.

AEEO 2260 AGRICULTURAL MARKETING. 3 hours. A technical course of marketing methods, practices and policies in agriculture. The course emphasizes the management applications of marketing techniques in an agricultural environment. Fall and Spring.

AEEO 2265 AGRICULTURAL MARKETING PRACTICUM. 3 hours. Prerequisite: AEEO 2258 or ECON 2106 with a minimum grade of C. The goal of this course is to give students experience preparing and presenting a marketing plan for an agricultural product. Students will work heavily with industry professionals to research, develop and write a marketing plan for a new agricultural product. Spring.

AEEO 3200 AGRICULTURAL RECORDS II. 3 hours. Prerequisite: AEEO 2200 or ACCT 2101 with a minimum grade of C. This is a course in the application of managerial accounting principles relevant to the financial performance and position of the business. Valuation and inventory management are emphasized. Fall.

AEEO 3265 ADVANCED AGRICULTURAL MARKETING PRACTICUM. 3 hours. Prerequisite: AEEO 2265 with a minimum grade of C. This course is to enhance students' experience by coordinating, leading, and developing a marketing plan for an agricultural product. Students will serve as team leaders organizing the actions and efforts of fellow team members. Spring.

AECO 3410 COMMODITY MARKETING. 3 hours. Prerequisite: AECO 2260 with a minimum grade of C. This course introduces students to the workings of the commodity futures market and various marketing tools applied to marketing agricultural commodities in today's marketplace. The course examines the factors affecting price of agricultural products; marketing efficiency; and market information necessary for today's agriculture professional. Spring.

AECO 3430 AGRICULTURAL FINANCIAL MANAGEMENT. 3 hours. Prerequisite: ACCT 2101 or AECO 2200 with a minimum grade of C. Introductory course in finance as used in agribusiness, farming, financial institutions, and more broadly in the financial services industry. Emphasis will be placed on reading and interpreting financial statements, analyzing investment opportunities, and understanding financial issues. Fall.

AECO 3800 FOOD AND AGRICULTURE MARKETING. 3 hours. Prerequisite: AECO 2260 with a minimum grade of C. An introductory course to the marketing functions and agencies involved in moving farm products to consumers. Course will examine application of marketing and economic principles to decision making in agribusiness firms. Spring.

AECO 4100 AGRIBUSINESS MANAGEMENT. 3 hours. Prerequisite: AECO 1150 with a minimum grade of C. Basic economic and managerial concepts, procedures, and techniques in agribusiness management. Emphasis will be placed on the techniques of planning, organization, directing, controlling, and staffing functions of management. Spring.

AECO 4710 FOOD AND AGRICULTURAL POLICY. 3 hours. Prerequisite: AECO 2258 or ECON 2106 with a minimum grade of C. A survey of the historical development and analysis of public programs and/or policies affecting the food and fiber sector. The course surveys U.S. food and agricultural policy through and analysis of the economic and political forces affecting policy decision making and the policy instruments that have been and are being used. Fall.

AENG 1109 ENGINEERING GRAPHICS. 3 hours. Prerequisite: Completion or exemption from English Learning Support requirements and MATH 1001 or MATH 1111 with a minimum grade of C. A course designed to teach the use of computer aided drafting for lettering, detailing, orthographic and pictorial methods of presentations; and the representation of geometrical magnitudes by means of points, lines, planes and solids and their application in the solution of problems is also covered. Fall.

AENG 3101 METAL FABRICATION. 3 hours. Prerequisite: AENT 1113 with a minimum grade of C. Class designed to provide students with skills needed in agricultural equipment maintenance, repair, and fabrication. Students will experience design of metal characteristics needed in metal usages in fabrication, maintenance, and repair. Fall.

AENG 3201 BIOFUELS TECHNOLOGY. 3 hours. Students will gain a basic knowledge of the importance, uses, sources, production, economics and environmental impacts of biofuels. In addition the course will cover the mechanics of bio-fuel production equipment and the procedures to properly operate the equipment. Students will be actively involved in the production of a small quantity of biodiesel. Quality assurance and testing of the final product will be discussed. Spring.

AENG 3300 PRECISION AGRICULTURE. 3 hours. Prerequisite: AENT 1113 with a minimum grade of C. The intent of this course is to provide students with a comprehensive understanding of the basic principles and components of a precision agriculture system. The implementation of a precision agriculture system into an agriculture production system will be discussed as well as the economic benefits of precision agriculture. Fall and Spring.

AENG 4890/4891/4892 SPECIAL TOPICS IN AGRICULTURAL ENGINEERING. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue independent study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

AENT 1113 POWER EQUIPMENT. 3 hours. A course designed to teach the operation and maintenance of equipment used in agricultural production and natural resource management. Includes electrical power applications in agricultural processes, mobile equipment and metal fabrication. Fall, Spring and Summer.

AENT 2113 POWER EQUIPMENT II. 3 hours. Prerequisite: AENT 1113 with a minimum grade of C. The study of the theory, operation, maintenance and repair of agricultural equipment. Includes discussion of diesel fuel systems, gas engine systems, principles of hydraulic systems and operation of agricultural equipment. Fall and Spring.

AENT 3200 DRAINAGE, IRRIGATION AND EROSION CONTROL. 3 hours. Prerequisite AGRY 2020 with a minimum grade of C. This course includes many of the practical and theoretical aspects as well as field techniques of soil and water conservation with an emphasis on those aspects important to the Southeast. A study is made of the nature of the erosion processes and the need for conservation practices. The design and construction of terraces, waterways, drainage systems, irrigation systems and farm ponds are covered. Spring.

AGRI 2201 SPECIAL PROBLEMS IN AGRICULTURE. 3 hours. The course will be conducted in an informal manner with no regularly scheduled classes. Assignments and work will depend upon project and staff member involved. A written report will be required. Objectives are to provide students an opportunity to become acquainted with research and problem solving in all areas of agriculture. Fall, Spring and Summer.

AGRI 2207 INTERNSHIP. 9 hours. Prerequisite: A minimum 2.0 overall grade point average and a minimum 30 overall earned credit hours. An internship for students in the Diversified Agriculture program. Fall, Spring and Summer.

AGRI 2209 AGRICULTURAL SEMINAR. 1 hour. An industry-awareness and exploration course consisting of various topics associated with the agricultural industry. Fall and Spring.

AGRI 4500 FARM OPERATIONS. 3 hours. Prerequisite: Senior standing, and the following courses: AGRY 3510, and ASLH 2010 all with a minimum grade of C. This capstone course involves students in all aspects of a diversified farm operation: crop production, animal management, and equipment use and business management. Fall, Spring, and Summer.

AGRI 4600 EXPERIENTIAL LEARNING IN AGRICULTURE. 3 hours. Prerequisite: A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours. Advanced experiential learning experience selected by students and their advisor will form the basis of this course allowing students to apply learned technical knowledge and experience related to agriculture. Fall, Spring and Summer.

AGRP 1125 FUNDAMENTALS OF PLANT PROTECTION. 3 hours. A combined lecture and laboratory course embracing the basic principles of insects, disease and weed control in field crops and turfgrass. Emphasis is given to widely applicable control principles and the practical application of control methods. Fall and Spring.

AGRP 3240 WEED MANAGEMENT. 3 hours. Prerequisite: AGRP 1125 or HORT 2232 with a minimum grade of C. Managing weeds, weed life cycles and identification, safeguarding the environment, weed specificity, grass and grass-like plants, broadleaf plants, herbicide selectivity and specificity, cultural and biological management, plant growth regulators, and integrated weed management programs will be discussed. Spring and Summer.

AGRP 3320 PLANT DISEASE MANAGEMENT. 3 hours. Prerequisite: AGRP 1125 with a minimum grade of C. This course is designed to familiarize students with the basic concepts of plant pathology and the management techniques used to reduce damage caused by plant diseases to an acceptable level. Each of the major groups of plant pathogenic organisms will be discussed, with an emphasis on biology of the pathogens, disease diagnosis and sound disease management practices. Plant disease management using ecologically sound, integrated techniques will be discussed. Fall.

AGRP 4422 INSECT PEST MANAGEMENT. 3 hours. Prerequisite: AGRP 1125 with a minimum grade of C. Management and identification of insect pests in row crops and animal agriculture in the south. Emphasis will be made on integrated insect pest management utilizing techniques that are environmentally sound, including biological, cultural, and chemical methods. Spring.

AGRY 2020 SOILS AND FERTILIZERS. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. A lecture course with a laboratory component designed to complement and support course work in the School's various agricultural programs. Emphasis is placed on the more important soil properties, the nutrient requirements of plants, and fertilizers. Fall and Spring.

AGRY 3030 FIELD CROP PRODUCTION. 3 hours. Prerequisite: AGRY 2020 and AGRP 1125 with a minimum grade of C. A lecture course with a laboratory component designed to familiarize students with the principles and theories for modern field crop production. Emphasis is placed on the major field crops of Georgia and the Southeast. All aspects of production are covered from initial planning to market. Spring.

AGRY 3110 FORAGE CROPS AND PASTURES. 3 hours. Prerequisite: BIOL 1107, BIOL 1107L, ASLH 2010 and HORT 2201 all with a minimum grade of C. A lecture course with a laboratory component designed to familiarize students with forage crops pertaining to livestock production. Emphasis is placed on forage selection based on use and geographical location, forage establishment and maintenance, forage harvesting and storage for livestock use, grazing practices, and skills to successfully produce and use forages for livestock in the southeastern United States. Fall.

AGRY 3510 SOIL MANAGEMENT. 3 hours. Prerequisite: AGRY 2020 with a minimum grade of C. Management of soils used in turfgrass, vegetable and crop production. Topics include Soil Use, Alkaline/Acid Soils, Salt-affected Soils, Soil Conservation, Problem Soils, Fertilizers, and Fertility Programs. Fall, and Summer.

AGRY 4890/4891/4892 SPECIAL TOPICS IN CROP SCIENCES. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue independent study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

ARTS 1010 DRAWING. 3 hours. 6 hours lab per week. An introduction to the techniques, principles and materials of drawing. A foundation course in which concepts of composition, figure/ground, line, and value plus the techniques of contour and gesture drawing and the conventions of linear and aerial perspective are studied using a variety of traditional and non-traditional drawing techniques. Fall.

ARTS 1020 TWO DIMENSIONAL DESIGN. 3 hours. 6 hours lab per week. An elementary course in formal elements of art and principles of two-dimensional design and an introduction to color theory. Fall.

ARTS 1030 THREE DIMENSIONAL DESIGN. 3 hours. 6 hours lab per week. A course in principles of three-dimensional design. An introduction to the methods, materials, tools and safety-procedures of sculpture. Spring.

ARTS 1040 INTRODUCTION TO CAREERS IN VISUAL ART. 1 hour. An introduction to the options for professional training and careers in the visual arts. Fall.

ARTS 2030 COMPUTER ARTS. 3 hours. 6 hours lab per week. An introductory course to develop basic skills in computer applications used in the visual arts. Students explore the computer and digital technologies as tools to produce digital images for commercial and fine art. Spring.

ARTS 2211 ART HISTORY I. 3 hours. A survey of western art from prehistoric through medieval times. The formal characteristics of the painting, sculpture, architecture, and some of the minor arts will be analyzed. An introduction to the basic knowledge necessary for painting, sculpture, and the related arts. A study of outstanding examples of painting, sculpture, and the related arts. Spring even-numbered years.

ARTS 2212 ART HISTORY II. 3 hours. A survey of western art from the early Renaissance to the present. The formal characteristics of the painting, sculpture, architecture, and some of the minor arts will be analyzed. An introduction to the basic knowledge necessary for the understanding and appreciation of the visual arts. A study of outstanding examples of painting, sculpture, and the related arts. Spring odd-numbered years.

ARTS 2213 ART APPRECIATION. 3 hours. An introduction to the basic knowledge necessary for the understanding and appreciation of the visual arts. A study of outstanding examples of painting, sculpture, and the related arts. Fall and Spring.

ARTS 2217 PAINTING. 3 hour. 6 hours lab per week. An introduction to the techniques, principles and materials of painting. Fall.

ARTS 2240 CERAMICS. 3 hours. 6 hours lab per week. An introduction to basic clay hand building techniques, glazing processes, kiln firing methods and hand-building techniques, including pinch, coil, and slab construction. Spring.

ARTS 2241 CERAMICS II. 3 hours. 6 hours lab per week. Course focuses on functional pottery. Students will learn wheel-throwing techniques and a variety of glazing and firing techniques. Students will be involved in the studio aspects of ceramics including clay constitution, kiln loading, and kiln firing. As needed.

ARTS 2242 CERAMICS III. 3 hours. 6 hours lab per week. Course focuses on aspects of ceramic sculpture. Students practice a variety of building processes and forming techniques, ceramic surfacing techniques, and some non-ceramic surfacing techniques. Students will be involved in the studio aspects of ceramics including clay constitution, kiln loading, and kiln firing. As needed.

ARTS 4300 RURAL ARTS: GLOBAL CONNECTIONS & VARIATIONS. 3 hours. A study of individuals, communities, regions, and global perspectives connected to rural arts. Spring.

ARTS 4890/4891/4892 SPECIAL TOPICS IN ART. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

ASLH 1125 INTRODUCTION TO POULTRY SCIENCE. 3 hours. An introductory course designed to cover the basics of the poultry industry including breeds, basic nutrition, and the biology of the domestic fowl and the application of the factors to the poultry industry. Fall.

ASLH 2000 PRACTICUM IN ANIMAL SCIENCE. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements ; ASLH 2010 with the minimum grade of C. Care and techniques of farm animal management, handling, movement, restraint and facilities needed for efficient and profitable animal production. Fall and Spring.

ASLH 2010 INTRODUCTION TO ANIMAL SCIENCE. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. A study of basic principles of animal genetics, selection, nutrition, growth, reproduction and lactation. Economic importance of livestock and poultry are emphasized. Fall and Summer.

ASLH 2203 ELEMENTS OF DAIRYING. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. A minimum grade of C in ASLH 2010. An elementary course dealing with dairying and its relationship to agriculture. Includes the areas of breeding, nutrition, marketing of milk, facilities, and the management of the dairy herd. Spring.

ASLH 3110 FOOD ANIMAL EVALUATION AND SELECTION. 3 hours. Prerequisite: ASLH 2010 and BIOL 1107/BIOL 1107L with a minimum grade of C. Students will learn the factors affecting the value of market and breeding beef cattle and swine, and learn the process of predicting genetic differences and product differences among a population. Problem solving and decision making will be utilized. Fall.

ASLH 3120 HERD HEALTH. 3 hours. Prerequisite: ASLH 2010 and BIOL 1107/BIOL 1107L with a minimum grade of C. Causes, clinical signs, treatments and prevention of the economically important diseases of beef and dairy cattle as well as swine. Emphasis on management practices that prevent disease. Fall and Spring.

ASLH 3318 PHYSIOLOGY OF REPRODUCTION. 3 hours. Prerequisite: ASLH 2010 and BIOL 1107/BIOL 1107L all with a minimum grade of C. Principles of reproduction in farm animals including factors related to the estrous cycle, gestation/pregnancy, lactation, gametogenesis, fertilization, and parturition. Spring.

ASLH 4110 MEAT PRODUCTION, PROCESSING AND MARKETING. 3 hours. Prerequisite: ASLH 2010, and BIOL 1107/BIOL 1107L all with a minimum grade of C. Integrated studies of the science, technology and management involved in the utilization of livestock for human food with an emphasis on meat value, processing, merchandising, wholesomeness and consumption. Spring.

ASLH 4205 BEEF PRODUCTION. 3 hours. Prerequisite: ASLH 3110, ASLH 3120, ASLH 3318, and ASLH 4405 with a minimum grade of C. Beef Production is a senior level capstone course for the BAS Diversified Agriculture student. It is designed to draw on students' educational background and experiences, as well as employ critical thinking and problem solving to make and defend management decisions. The course will focus on the many resources utilized within a beef cattle operation, the interactions of biological principles and the resulting economic implications. Travel will be required of students over spring break to beef cattle operations. Spring.

ASLH 4300A LIVESTOCK JUDGING I. 3 hours. Prerequisite: ASLH 3110 with a minimum grade of C. Evaluation and selection of beef, hogs, and sheep pre and post-harvest for the production of human food with an emphasis on live and carcass value. Fall.

ASLH 4300B LIVESTOCK JUDGING II. 3 hours. Prerequisite: ASLH 4300A with a minimum grade of C. Evaluation and selection of beef, hogs, and sheep pre and post-harvest for the production of human food with an emphasis on live and carcass value. Spring.

ASLH 4405 APPLIED ANIMAL NUTRITION. 3 hours. Prerequisite: the following courses with a minimum grade of C: ASLH 2010, BIOL 1107/BIOL 1107L, and MATH 1001 or equivalent math. A review of applied nutritional practices and management, and ration formulation for beef and dairy cattle, horses, swine, and poultry. Fall.

ASLH 4890/4891/4892 SPECIAL TOPICS IN ANIMAL SCIENCE. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue independent study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

BIOL 1107 PRINCIPLES OF BIOLOGY I. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Co-requisite: BIOL 1107L. Three hours of lecture each week. An integrated introduction to modern biology from atomic particles to evolution. General topics to be considered include chemical, molecular and cellular basis of life, photosynthesis, cell metabolism, cell division, genetics, biotechnology, and evolution. This course provides content appropriate for science and non-science majors. Fall, Spring and Summer.

BIOL 1107L PRINCIPLES OF BIOLOGY I LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 1107. Fall, Spring and Summer.

BIOL 1107H PRINCIPLES OF BIOLOGY I (HONORS). 4 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Three hours of lecture and two hours of lab each week. An integrated introduction to modern biology from atomic particles to evolution. General topics to be considered include chemical, molecular and cellular basis of life, photosynthesis, cell metabolism, cell division, genetics, biotechnology, and evolution. This course provides content appropriate for science and non-science majors. Restricted to members of Honors Program or permission of Science Department Head. Fall.

BIOL 1108 PRINCIPLES OF BIOLOGY II. 3 hours. Co-requisite: BIOL 1108L. Prerequisite: BIOL 1107/BIOL 1107L with a minimum grade of C. Three hours of lecture each week. General topics to be considered include domain/kingdom diversity and classification, plant and animal structure and physiology, plant and animal reproduction, animal homeostasis, responsiveness, coordination, and ecology. This course provides content appropriate for science and non-science majors. Fall, Spring and Summer.

BIOL 1108L PRINCIPLES OF BIOLOGY II LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 1108. Fall, Spring and Summer.

BIOL 1108H PRINCIPLES OF BIOLOGY II (HONORS). 4 hours. Prerequisite: BIOL 1107 & BIOL 1107L with a minimum grade of B or BIOL 1107H with a minimum grade of C. Three hours of lecture and two hours of lab each week. General topics to be considered include Domain/Kingdom diversity and classification, plant and animal structure and physiology, plant and animal reproduction, animal homeostasis, responsiveness, coordination, and ecology. This course provides content appropriate for science and non-science majors. Restricted to members of Honors Program or permission of Science Department Head. Spring.

BIOL 2011 HUMAN ANATOMY AND PHYSIOLOGY I. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Co-requisite: BIOL 2011L. Three hours of lectures each week. A detailed, integrated study of the structure and function of the human body including basic chemistry of living systems, study of the cell; tissues; and the integumentary, skeletal, muscular, nervous, and endocrine systems. Fall, Spring and Summer.

BIOL 2011L HUMAN ANATOMY AND PHYSIOLOGY I LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 2011. Fall, Spring and Summer.

BIOL 2012 HUMAN ANATOMY AND PHYSIOLOGY II. 3 hours. Co-requisite: BIOL 2012L. Prerequisite: BIOL 2011/2011L with a minimum grade of C. Three hours of lecture each week. A continuation of BIOL 2011 including study of the cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Fall, Spring and Summer.

BIOL 2012L HUMAN ANATOMY AND PHYSIOLOGY II LABORATORY. 1 hour. One two-hour laboratory period each week to accompany BIOL 2012. Fall, Spring and Summer.

BIOL 2050 MICROBIOLOGY AND HEALTH CARE. 3 hours. Co-requisite: BIOL 2050L. Prerequisite: BIOL 1107/1107L with a minimum grade of C or BIOL 2012/2012L with a minimum grade of C. Three hours of lectures each week. A study of the basic microorganism including pathogens, culturing, methods of staining, disinfection and disease. Fall, Spring and Summer.

BIOL 2050L MICROBIOLOGY AND HEALTH CARE LABORATORY. 1 hour. Two one-hour laboratory periods each week to accompany BIOL 2050. Fall, Spring and Summer.

BIOL 2070 BOTANY. 4 hours. Prerequisite: BIOL 1108/1108L with a minimum grade of C. Three hours of lecture and three hours of lab each week. Survey of plants, emphasizing evolution, variation and reproductive cycles of the major groups. Additional topics will include development, structure and function, as related to the vascular plants. This course is intended for science related majors. Spring.

BIOL 2080 GENERAL ZOOLOGY. 4 hours. Prerequisite: BIOL 1108/1108L with a minimum grade of C. Three hours of lecture and three hours of lab each week. A survey of the diversity of invertebrate and vertebrate phyla with emphasis on morphology, physiology, life histories, taxonomy and systematic. Laboratory will emphasize the identification and dissection of common vertebrates and invertebrates as well as examine the relationships between morphology and taxonomy. Fall.

BIOL 3030 MYCOLOGY. 4 hours. Prerequisite: BIOL 2070 with a minimum grade of C. Three hours of lecture and three hours of lab each week. An introduction to various taxonomic groups of Fungi, emphasizing morphology, taxonomy, evolution, physiology, economic and ecological importance; includes the roles of fungi as both beneficial organisms and as causal agents in plants and animal diseases. Laboratory experiences will include classic morphological taxonomy, microscopic preparations and examination of specimens, selection of culture media, culture and identification of yeast, dermatophytes, and systemic and opportunistic fungi. Fall.

BIOL 3040 PLANT PATHOLOGY. 4 hours. Prerequisite: BIOL 2070 with a minimum grade of C. Three hours of lecture and three hours of lab each week. An introduction to the principles and concepts of phytopathology. These topics will include: historical impact of plant diseases, microbial biology and life cycles for the various classes of organisms that cause plant diseases, disease development, environmental interactions, and disease control strategies. Emphasis will be placed on broad concepts rather than diagnosis and control of specific diseases. Laboratory exercises will augment topics covered in the lecture. Fall.

BIOL 3060 ENTOMOLOGY. 4 hours. Prerequisite: BIOL 2080 with a minimum grade of C. Three hours of lecture and three hours of lab each week. The study of insects including: taxonomy, morphology, physiology, behavior and evolution. The lab will focus on identification of the different groups with an emphasis on economically important species. An insect collection will be required. Fall.

BIOL 3070 ANIMAL BEHAVIOR. 4 hours. Prerequisite: BIOL 2080 with a minimum grade of C. Three hours of lecture and three hours of lab each week. An introduction to the major concepts of ethology and behavioral ecology. The behavior of social animals will be emphasized. Topics include communication, reproduction, sociality, foraging, defense, migration, habitat selection and learning. Laboratory and field activities emphasize a quantitative, hypothesis testing approach to observing the behavior of animals. Data analysis and written communication of experimental results are incorporated. Spring.

BIOL 3090 INVERTEBRATE ZOOLOGY. 4 hours. Prerequisite: BIOL 2080 with a minimum grade of C. Three hours of lecture and three hours of lab each week. This course entails a survey of the evolution, morphology, diversity, and ecology of invertebrates. Spring.

BIOL 3100 (CHEM 3100) INTRODUCTORY BIOCHEMISTRY AND MOLECULAR BIOLOGY. 4 hours. Prerequisites: BIOL 1108/1108L and CHEM2041/2041L with a minimum grade of C. Four hours of lecture per week. A one-semester survey of the basic principles of biochemistry that emphasizes a broad understanding of chemical events in living systems in terms of metabolism and structure-function relationships of biologically important molecules. The descriptive chemistry of amino acids and proteins, carbohydrates, lipids, and nucleic acids will be discussed. Fall.

BIOL 3101 (CHEM 3101) BIOCHEMISTRY II. 3 hours. Prerequisites: BIOL 3100 or CHEM 3100 with a minimum grade of C. Continuation of BIOL 3100 Introductory Biochemistry and Molecular Biology with a focus on metabolism and the transfer of information from DNA to RNA to protein. Spring.

BIOL 3180 FIELD BOTANY. 4 hours. Prerequisite: BIOL 2070 with a minimum grade of C. Three hours of lecture and three hours of lab each week. Introductory plant taxonomy with emphasis on laboratory and field study; principles of plant identification, classification, and rules of nomenclature; use of keys; collecting techniques; survey of major flowering plant families; field trips and laboratory work on collections. Spring.

BIOL 3200 GENETICS. 4 hours. Prerequisites: MATH 1112 or MATH 1113, BIOL 1108/1108L and CHEM 2040/2040L with a minimum grade of C. Three hours of lecture and three hours of lab each week. A survey of modern genetics including: classical Mendelian, population, and molecular genetics. Selected topics include protein synthesis, gene regulation, chromosomal inheritance and variation, linkage and mapping. Deoxyribonucleic acid (DNA) replication, evolutionary genetics, and genetic engineering. Spring.

BIOL 3250 TOXICOLOGY. 3 hours. Prerequisites: BIOL 1108/1108L and CHEM 2040/2040L all with a minimum grade of C. A study of the basic principles of toxicology, toxic agents in the environment, and the biological processes associated with toxic agents. Toxicology applies basic biochemical, chemical, pathological, physiological, and epidemiological knowledge to gain an understanding of why certain substances cause an alteration in biological systems. Fall.

BIOL 3350 PRINCIPLES OF ECOLOGY & EVOLUTION. 4 hours. Prerequisites: BIOL 2070, BIOL 2080, BIOL 3200, and CHEM 1212/1212L all with a minimum grade of C. Three hours of lecture and three hours of lab each week. A study of ecological principles with emphasis on the interaction of individuals, populations and communities in the context of biotic and abiotic components of ecosystems. Subject matter includes adaptation and evolution; distribution and abundance of species; structure, dynamics, and regulation of populations; structure and development of communities; ecosystem energetic and nutrient cycling. Fall.

BIOL 3500 INTRODUCTORY MICROBIOLOGY. 4 hours. Prerequisites: BIOL 1108/1108L and CHEM 2041/2041L with a minimum grade of C. Three hours of lecture and three hours of lab each week. An introduction to the structure and function of microorganisms. Topics will include; morphology, nutrition, physiology, genetics and molecular biology of microorganisms with an emphasis on prokaryotes; and their roles in nature and in infection and immunity. Spring.

BIOL 3770 (FRSC 3770) ORNITHOLOGY. 3 hours. Prerequisite: BIOL 1108/1108L with a minimum grade of C. Course lectures will focus on the physiology, morphology, evolution, ecology, and behavior of birds. Lab emphasizes gross anatomy and identification of southeastern species by sight and sound. Students will be required to walk long distances, often through inhospitable terrain. A weekend trip will be required; other Saturday trips will be offered. A pair of binoculars and a field guide will also be required. Spring odd-numbered years.

BIOL 3800 PLANT ANATOMY. 4 hours. Prerequisite: BIOL 2070 with a minimum grade of C. Three hours of lecture and three hours of lab each week. Cells, tissues, and organs. Their development in vegetative and reproductive structures of vascular plants. Emphasis on seed plants. Spring.

BIOL 3850 COMPARATIVE VERTEBRATE ANATOMY. 4 hours. Prerequisite: BIOL 2080 with a minimum grade of C. Three hours of lecture and three hours of lab each week. A comparative study of the taxonomy, functional morphology, development, ecology and phylogeny of chordate and vertebrate organisms. Laboratory will have students dissecting selected vertebrate organisms and examining evolutionary adaptations and changes in morphology and anatomy. Spring.

BIOL 3880 (FRSC 3880) HERPETOLOGY. 3 hours. Prerequisite: BIOL 1108/1108L with a minimum grade of C. A course in the evolution, ecology, and conservation of amphibians and reptiles. Identification, taxonomy, and natural history of southeastern species will also be included. Spring even-numbered years.

BIOL 4100 CELL & MOLECULAR BIOLOGY. 4 hours. Prerequisites: BIOL 3100 and BIOL 3500 with a minimum grade of C. Three hours of lecture and three hours of lab each week. This course covers the novel concepts in molecular mechanisms essential to structures and functions of eukaryotic and prokaryotic cells. Topics will include: organization and maintenance of cellular structure, metabolism, regulatory pathway, transcriptional regulation, protein synthesis, cell signaling and cell cycle. The laboratory will provide an introduction to techniques used to interpret molecular functions of eukaryotic and prokaryotic cells. Topics will include selected experiment protocols on: Deoxyribonucleic acid (DNA) and Ribonucleic acid (RNA) extractions, DNA sequencing, recombinant DNA methods, restriction enzyme endonuclease digestion, gel electrophoresis, polymerase chain reaction, southern blotting, analysis and reporting of gene expression and protein chemistry. Fall.

BIOL 4150 NEUROSCIENCE. 4 hours. Prerequisite: BIOL 2080 and BIOL 3100 with a minimum grade of C. Three hours of lecture and three hours of lab each week. This course will introduce students to neuroscience by examining the brain and its relationship to behavior. The topics covered will range from neuroanatomy and nervous system development to cell structure, function and signaling, associated sensory systems and information processing, in addition to executive functions such as learning, memory, cognitive, and speech. Emphasis will be placed on broad concepts. Laboratory exercises will augment topics covered in lecture. Spring.

BIOL 4200 PLANT PHYSIOLOGY. 4 hours. Prerequisite: BIOL 2070 with a minimum grade of C. Three hours of lecture and three hours of lab each week. Cell and organismal physiology of plants, metabolic processes, water relations, mineral nutrition, morphogenesis. Also, the effects of age, light, natural rhythms, temperature, and other environmental factors on plant growth. Fall.

BIOL 4250 ANIMAL PHYSIOLOGY. 4 hours. Prerequisites: BIOL 2080 and BIOL 3100 with a minimum grade of C. Three hours of lecture and three hours of lab each week. The function of major systems in animals, including evolutionary changes and adaptation to specific environments. Fall.

BIOL 4300 PARASITOLOGY. 4 hours. Prerequisites: BIOL 2080 and BIOL 3500 with a minimum grade of C. Three hours of lecture and three hours of lab each week. Development, identification, host-parasite relationships and medical importance of parasitic protozoa, helminthes, and arthropods that infect humans, domestic animals, and wildlife. Spring.

BIOL 4350 POPULATION GENETICS. 3 hours. Prerequisites: BIOL 3200 with a minimum grade of C AND MATH 2000 or MATH 2053 with a minimum grade of a C. This course focuses on the evolutionary processes affecting the distribution of genetic variation in a population of organisms. Topics covered will include Hardy-Weinberg, gene flow, genetic drift, recombination & linkage disequilibrium, natural selection, and the neutral theory of evolution. Fall.

BIOL 4400 IMMUNOLOGY. 4 hours. Prerequisites: BIOL 3100 and BIOL 3500 with a minimum grade of C. Three hours of lecture and three hours of lab each week. This course covers the fundamental principles of the immune systems that deal with both innate and adaptive responses in vertebrates. Emphasis on the study of the structures and functions of the immune systems in relationship to the roles of antigen-antibody responses, immune-competent cells and immunity to infectious diseases. Molecular and cellular basis of immunological concepts will be a part of this course. Topics will include: Antigen and antigenic determinant, Antigen-antibody reaction, antibody structure and formation, cellular and humoral response, complement system, inflammation, allergens and hypersensitivity reaction: Laboratory exercises will focus on experiment protocols on laboratory antigen-antibody reaction, monoclonal antibody formation, serological reaction, complement reaction, immunocytochemistry, immunoassays (ELISA), and selected techniques. Spring.

BIOL 4500 INTERNSHIP. 1 to 3 hours. An internship for students in the Biology program. Fall, Spring and Summer.

BIOL 4510 (FRSC 4510) VERTEBRATE NATURAL HISTORY. 3 hours. Prerequisite: BIOL 1108/1108L with a minimum grade of C. The life histories of vertebrate species are covered, with primary emphasis on the identification, ecology, behavior, taxonomy, and systematic of southeastern wildlife species. Spring.

BIOL 4600 BIOLOGICAL RESEARCH METHODS. 2 hours. Prerequisite: BIOL 1108/1108L, MATH 2000: 20 additional hours of biological science; and permission of the instructor. All prerequisite classes and laboratories must be completed with a minimum grade of C. The class will consist of an introduction to research design and implementation. Fall and Spring as needed.

BIOL 4601 BIOLOGICAL RESEARCH. 2 hours. Prerequisites: BIOL 1108/1108L, BIOL 4600, and 20 additional hours of biological science all with a minimum grade of C, and permission of the instructor. This class consists of a minimum of 6 hours per week working in conjunction with a Ph.D. researcher as part of a new or ongoing research project in a science discipline. Fall and Spring as needed.

BIOL 4890/4891/4892 SPECIAL TOPICS IN BIOLOGY. 1 to 4 hours. Prerequisite: BIOL 1108/1108L and 20 additional hours of biological science with a minimum grade of C. Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue independent study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

BIOL 4900 SENIOR SEMINAR. 1 hour. Must be taken during the spring semester of the senior year. The seminar class provides an opportunity to integrate knowledge from different sub-disciplines of Biology in the analysis of an important biological issue from current events. In addition, students will gain experience in conducting library and online research and in the use of modern presentation techniques. Spring.

BUSA 1101 BUSINESS SEMINAR. 1 hour. Prerequisite: Completion or exemption from English Learning Support requirements. An industry awareness and exploration course consisting of various topics associated with Business and Economics. As needed.

BUSA 1105 INTRODUCTION TO BUSINESS. 3 hours. An integrative survey of the functional areas of business (finance, operations, marketing, human resources, etc.). Fall and Spring.

BUSA 2105 COMMUNICATING IN THE BUSINESS ENVIRONMENT. 3 hours. Prerequisite: Completion or exemption from English Learning Support requirements. Emphasizes both interpersonal and organizational communications as they relate to the business environment; includes delivery of different types of speeches as well as written exercises appropriate to business practice; designed to develop written and oral communication skills including the clear, concise, effective oral presentation of ideas and to develop an acceptable speaking voice. As needed.

BUSA 2106 THE ENVIRONMENT OF BUSINESS. 3 hours. Prerequisite: Completion or exemption from English Learning Support requirements. An introduction to the legal, regulatory, political, social, ethical, cultural, environmental and technological issues which form the context for business; to include an overview of the impact of demographic diversity on organizations. Fall and Spring.

BUSA 2155 BUSINESS LAW. 3 hours. Prerequisite: Completion or exemption from English Learning Support requirements. A general study of law and its relationship to business. Special emphasis is upon the Law of Contracts as related to sales, property, negotiable instruments, and business organization. As needed.

BUSA 3050 BUSINESS STATISTICS. 3 hours. Prerequisites: MATH 1111 and CISM 2201 with a minimum grade of C or permission of the Dean of the Stafford School of Business. Fundamental statistical tools and their use in business and economics. The goal of this course is to ensure that students can select appropriate statistical tools and apply them correctly in the business environment. Spring.

BUSA 3106 ADVANCED LEGAL ENVIRONMENT OF BUSINESS. 3 hours. Prerequisite: BUSA 2106 or ENGL 1102 with a minimum grade of a C or permission of the Dean of the Stafford School of Business. This course will include the legal, regulatory, political, social, ethical, cultural, environmental, and technological issues which form the context for business; to include an overview of the impact of demographic diversity on organizations. Spring.

BUSA 3150 BUSINESS FINANCE. 3 hours. Prerequisite: ACCT 2101 or AECO 2200 and ECON 2106 or AECO 2258 with a minimum grade of C or permission of the Dean of the Stafford School of Business. Introduction to the principles of financial management as applied to the business or organization including financial analysis, acquisition of funds, capital structure, dividend policy, working capital management, and evaluation and assessment. Formerly course number FINC 3100. Fall.

BUSA 3200 SMALL BUSINESS ACCOUNTING. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements; a math course higher than MATH 1001 (except MATH 2008); and CISM 2201. Co-requisite: ACCT 2101. This course will explore the many diverse financial challenges and financial management tools required for small businesses. The areas of discussion will include financial control, financial forecasting, working capital, sources of financing, tax planning, Accounting Information systems, Budgeting and costs analysis. Case studies of small businesses will be examined to understand real world financing issues and solutions. Fall.

BUSA 4000 INTERNATIONAL BUSINESS. 3 hours. Prerequisite: MKTG 3800 or AECO 3800 with a minimum grade of a C or permission of the Dean of the Stafford School of Business. This course will explore for the family and small business owner insights into global expansion of business. This course will answer questions of why global expansion, how to expand globally, and how to manage multi-national organizations. Additionally, key areas of failure will be explored. Students will select a country to expand their business into and report on the key steps necessary to enter the chosen market. Spring.

BUSA 4100 SOCIAL MEDIA AND BUSINESS. 3 hours. Prerequisite: CISM 2201 or CISM 3201 or MKTG 3800 with a minimum grade of a C or permission of the Dean of the Stafford School of Business. This course will explore the role of social media with family and small businesses. It will identify and explore new technologies available to small businesses and discussions and debate on the best tools and proper use. Students will develop a social media plan for a selected business. Spring.

BUSA 4790(A, B, C) BUSINESS INTERNSHIP. 3 hours. This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of study. Internships are supervised by a faculty member. Students and the employer/supervisor must complete additional paperwork (submitted as a final portfolio) as part of the Internship process, to include a project plan that details student goals, work hours, responsibilities, expected outcome; a summative evaluation by the supervisor; and an experiential report from students. Fall, Spring, and Summer.

BUSA 4791 BUSINESS INTERNSHIP. 6 hours. This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of study. Internships are supervised by a faculty member. Students and the employer/supervisor must complete additional paperwork (submitted as a final portfolio) as part of the Internship process, to include a project plan that details student goals, work hours, responsibilities, expected outcome; a summative evaluation by the supervisor; and an experiential report from students. Fall, Spring, and Summer.

BUSA 4890/4891/4892 SPECIAL TOPICS IN BUSINESS. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue independent study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

BUSA 4980 CAPSTONE SEMINAR: SENIOR PROJECT. 3 hours. This seminar places special emphasis on compiling the studies to date to engage in a research project that further prepares them for their career aspirations. Students will be expected to prepare a business plan for a business of their choosing or to design a substantial writing/communication project appropriate to their individual career goals. All projects must have approval of the instructor and the major advisor. Seniors only. Fall, Spring, and Summer.

CHEM 1211 PRINCIPLES OF CHEMISTRY I. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Co-requisite: CHEM 1211L and MATH 1111. Three hours of lecture each week. A general course in chemistry including dimensional analysis, atomic and molecular structures, chemical and physical properties, gas laws, and solutions. Fall, Spring and Summer.

CHEM 1211L PRINCIPLES OF CHEMISTRY I LABORATORY. 1 hour. One three-hour laboratory period each week to accompany CHEM 1211. Fall, Spring and Summer.

CHEM 1211H PRINCIPLES OF CHEMISTRY I (HONORS). 4 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Co-requisite: MATH 1111. Three hours of lecture and three hours of lab each week. A general course in chemistry including dimensional analysis, atomic and molecular structures, chemical and physical properties, gas laws, and solutions. Lab exercises are designed to complement the course material. Restricted to members of Honors Programs or permission of Science Department Head. Fall as needed.

CHEM 1212 PRINCIPLES OF CHEMISTRY II. 3 hours. Co-requisite: CHEM 1212L. Prerequisite: CHEM 1211, CHEM 1211L and MATH 1111 with a minimum grade of C. Three hours of lectures each week. A continuation of CHEM 1211 including thermodynamics, kinetics, equilibrium, and selected descriptive chemistry. Fall, Spring, Summer as needed.

CHEM 1212L PRINCIPLES OF CHEMISTRY II LABORATORY. 1 hour. One three-hour laboratory period each week to accompany CHEM 1212. Fall, Spring, Summer as needed.

CHEM 1212H PRINCIPLES OF CHEMISTRY II (HONORS). 4 hours. Prerequisite: CHEM 1211 & CHEM 1211L or CHEM 1211H and MATH 1111 or higher (except MATH 2003 and MATH 2008). All prerequisite courses require a minimum grade of B. Three hours of lecture and three hours of lab each week. A continuation of CHEM 1211 including thermodynamics, kinetics, equilibrium, and selected descriptive chemistry. Lab exercises are designed to complement the course material. Restricted to members of Honors Program or permission of Science Department Head. Spring as needed.

CHEM 2040 FUNDAMENTAL ORGANIC CHEMISTRY I. 3 hours. Co-requisite: CHEM 2040L. Prerequisite: CHEM 1212 and CHEM 1212L with a minimum grade of C. Three hours of lecture each week. This course covers basic topics of structure and function, organic reaction fundamentals, and stereoisomerism. Aliphatic and cyclic compounds, including alkanes, alkenes, alkyl halides, alcohol, ethers, and alkynes, are studied. Emphasis is placed upon investigating the common types of reactions these compounds undergo. Fall.

CHEM 2040L FUNDAMENTAL ORGANIC CHEMISTRY I LABORATORY. 1 hour. One three-hour laboratory period each week to accompany CHEM 2040. Fall.

CHEM 2041 FUNDAMENTAL ORGANIC CHEMISTRY II. 3 hours. Co-requisite: CHEM 2041L. Prerequisite: CHEM 2040 and 2040L with a minimum grade of C. Three hours of lecture each week. This course is a continuation of CHEM 2040. Selected topics include aromatic compounds, ketones and aldehydes, carboxylic acids, amines, and amides. The structure, function, and reactivity of these compounds are investigated. IR, MS, and NMR spectroscopies are utilized as an aid in determining the structure of simple organic compounds. Spring.

CHEM 2041L FUNDAMENTAL ORGANIC CHEMISTRY II LABORATORY. 1 hour. One three-hour laboratory period each week to accompany CHEM 2041. Spring.

CHEM 3100 (BIOL 3100) INTRODUCTORY BIOCHEMISTRY AND MOLECULAR BIOLOGY. 4 hours. Prerequisites: BIOL 1108/1108L and CHEM2041/2041L with a minimum grade of C. Four hours of lecture per week. A one-semester survey of the basic principles of biochemistry that emphasizes a broad understanding of chemical events in living systems in terms of metabolism and structure-function relationships of biologically important molecules. The descriptive chemistry of amino acids and proteins, carbohydrates, lipids, and nucleic acids will be discussed. Fall.

CHEM 3101 (BIOL 3101) BIOCHEMISTRY II. 3 hours. Prerequisites: BIOL 3100 or CHEM 3100 with a minimum grade of C. Continuation of BIOL 3100 Introductory Biochemistry and Molecular Biology with a focus on metabolism and the transfer of information from DNA to RNA to protein. Spring.

CISM 2201 FUNDAMENTALS OF COMPUTER APPLICATIONS. 3 hours. A course designed to assure a basic level of computer applications literacy to include word processing, spreadsheet, presentation, database, and Internet applications and a brief tour of current trends in productivity software. Fall, Spring and Summer.

CISM 3201 SMALL BUSINESS TECHNOLOGY. 3 hours. Prerequisite: CISM 2201 or AENG 3300 with a grade minimum grade of C or permission of the Dean of the Stafford School of Business. This course will introduce students to the many technology tools available to family and small business owners to more efficiently manage their business and to extend the territory in which they can conduct business. This course will review the current technology available such as cloud computing, Microsoft Office or the latest software available, along with various software programs for small businesses. Fall.

COMM 1100 HUMAN COMMUNICATION. 3 hours. A broad-based oral communication class focusing on public speaking, interpersonal and small group communication. Fall, Spring and Summer.

COMM 1100H HUMAN COMMUNICATION (HONORS). 3 hours. Prerequisite: Honors Program membership or permission of Honors Director. A study of the techniques required in speech research, organization, and argument development. Designed to develop advanced delivery techniques for different types of speeches in various public forums Fall.

COMM 1110 PUBLIC SPEAKING. 3 hours. Students will develop techniques in research, organization and delivery of different types of speeches; to develop communication skills including the clear, concise, effective oral presentations of ideas; and to develop an acceptable speaking voice. Fall, Spring and Summer.

COMM 2100 INTERPERSONAL COMMUNICATION. 3 hours. Prerequisite: COMM 1100 or COMM 1110 and ENGL 1101 with a minimum grade of C. Communication as it occurs in dynamic and small group settings. Primary concern is given to understanding how individuals use both verbal and nonverbal communication to affect relationships and how context affects outcome. Fall.

COMM 2300 COMMUNICATIONS THEORY AND RESEARCH. 3 hours. Prerequisite: COMM 1100 or COMM 1110 and ENGL 1101 with a minimum grade of C. Introduction to the nature of academic inquiry in communications, the basic structure and methodology of professional and academic research, resources available for access to published research, and the major theories that have evolved within the communication discipline as a result of research. Spring.

COMM 3100 PROFESSIONAL COMMUNICATION METHODS. 3 hours. Development, delivery and evaluation of effective means of communication by use of a variety of presentation methods. The use of current technology within different audience dimensions will be a focus. Fall and Spring.

COMM 3325 INTERCULTURAL COMMUNICATION. 3 hours. Study of communication and cultural variables and how intercultural interaction affects participants and messages. Spring.

COMM 3850 INTRODUCTION TO PUBLIC RELATIONS. 3 hours. Designed for those new to public relations, this introductory course will survey the discipline including the professional foundation of ethics, law, and theory as well as the process, audiences, and professional practice areas. Students will focus on the historic and contemporary roles of public relations in society. Spring.

COMM 4000 MASS MEDIA INDUSTRIES. 3 hours. A historical and social overview of the mass media and their relationship to the mass communication process in a modern society. As needed.

COMM 4210 COMMUNICATION ETHICS. 3 hours. This course will explore the practical aspects of moral reasoning related to current issues in professional communications and examine the relationship of personal moral foundations to professional ethical codes in such fields as journalism, digital media, public relations and advertising. The purpose of the course is to discover the essence of reasoning, rationality, and reflection on moral and ethical dilemmas with regard to communications issues. As needed.

COMM 4500 PERSUASIVE COMMUNICATION. 3 hours. A study of persuasive communication and how persuasive messages influence attitudes and behaviors. The course will examine how to effectively evaluate and develop advertisements, campaigns and other persuasive communication. As needed.

COMM 4890/4891/4892 SPECIAL TOPICS IN COMMUNICATIONS. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

CRJU 1100 INTRODUCTION TO CRIMINAL JUSTICE. 3 hours. An examination of the major components of the American criminal justice system at local, state, and federal levels. The course will examine the different functions and interrelationships of police, the courts, prosecutors and defense attorneys, basic criminal law and court procedures, and the adult prison system.

CRJU 1125 INTRODUCTION TO POLICING. 3 hours. This course looks at the day-to-day activities of American-style policing with an emphasis on the duties and responsibilities of a patrol officer: response to criminal complaints, domestic disturbances, traffic stops, drug arrests, as well as other patrol-related functions such as citizen assistance. There will be a field experience program with local law enforcement agencies.

CRJU 1150 DRUGS IN AMERICAN SOCIETY. 3 hours. This course examines drug abuse in American society, past and present. The course will focus on the different categories of drugs, legal and illegal, their effects and potential levels of abuse, the impact of drug abuse on other criminal activity. Domestic and foreign drug production, smuggling and law enforcement interdiction efforts will be examined, along with gangs, organized crime rings, their involvement in the illegal drug culture, and their impact on American society and crime rates.

CRJU 1170 INTRODUCTION TO CORRECTIONS, PROBATION & PAROLE. 3 hours. This course will introduce students to the adult correctional systems used in the United States, the different incarceration categories such as minimum, medium, maximum and “super max” facilities as well as the different alternatives to incarceration such as probation, parole, and intermediate sanctions. The course will provide a historical perspective on the development and evolution of different theories of the purpose, goals, and proper methods of corrections, the different applications, and the results.

CRJU 2065 HOMICIDE INVESTIGATION. 3 hours. This course will provide students with a general knowledge of homicide investigation procedures. Students will become familiar with the distinctions between cause and manner of death and the determinations of homicide, suicide, accidental and undetermined deaths. A particular focus will be on the actual mechanisms of death such as gunshot wounds, edged weapon injuries, blunt force trauma, drowning, burning, poisoning, and various forms of asphyxia.

CRJU 2155 INTRODUCTION TO CRIMINAL PROCEDURE. 3 hours. This course is an examination of the criminal justice processes relating to testimonial and physical evidence. Areas to be covered will be the legal standards for admitting and presenting evidence, the latest key U.S. Supreme Court decisions governing admissibility of evidence, and procedures followed by prosecutors, defense attorneys, and judges before, during, and after the criminal trial.

CRJU 2200 FUNDAMENTALS OF CRIMINAL LAW IN GEORGIA. 3 hours. This course will provide students with knowledge of the principles and sources of criminal law in America, the elements of proof, criminal responsibility, venues and parties to a crime. Students will be able to recognize the appropriate elements of proof required for major felony and misdemeanor crimes under the appropriate section of the Georgia Revised Statutes.

CRJU 2215 FUNDAMENTALS OF CONSTITUTIONAL LAW. 3 hours. This course will provide students with a background into the U.S. Constitution, the Bill of Rights, the protections contained in these documents, and the constraints imposed on law enforcement officers. The primary focus will be detailed examinations of the legal issues involving the 4th, 5th, 6th and 8th Amendments to the U.S. Constitution and similar individual rights protections of the Georgia State Constitution. In addition, students will become familiar with relevant court decisions in the areas of search and seizure, rights against self-incrimination, representation by counsel, prohibitions against cruel and unusual punishments.

CRJU 2230 INTRODUCTION TO CRIME THEORIES. 3 hours. This course is an examination of the different sociological and physiological theories of criminology, as well as a historical perspective of deviant and criminal behaviors in American society. The course focuses on different theories of prevention and intervention, the biological, physiological, social, and environmental causes of criminal behavior and delinquency. The course will also address specific topic areas of personal violence, property and white-collar crimes, crime victims, and crime prevention. Students will be introduced to the concepts of criminal behavior profiling, and several high-profile criminal cases where it was used.

CSCI 1100 INTRODUCTION TO COMPUTING. 3 hours. For non-science majors. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. A course to introduce students to concepts, skills, and capabilities associated with current computer technologies. Fundamentals of computer systems, human-computer interfaces, networking, multi-media, spreadsheet, database, ecommerce, social implications of technology, security, ethics, and web design. Students will be introduced to problem solving techniques and computer programming. CSCI 1100 is not open to students who already have credit for ITEC 2215. Fall and Spring.

CSCI 1301 COMPUTER SCIENCE I. 4 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements as well as MATH 1111. Four hours of lecture/demonstration each week. This course includes an overview of computers and programming; problem-solving and algorithm development; simple data types; arithmetic and logical operators; selection structures; repetition structures; text files; arrays (one- and two-dimensional); procedural abstractions and software design; object-oriented programming techniques. Fall.

CSCI 1302 COMPUTER SCIENCE II. 4 hours. Prerequisite: CSCI 1301. Four hours of lecture/demonstration each week. The course includes an overview of abstract data types (ADTs); arrays (multi-dimensional) and records; sets and strings; binary files; searching and sorting; introductory algorithm analysis (including Big-O); recursion; pointers and linked lists; software engineering concepts; dynamic data structures (stacks, queues, trees). Spring.

ECON 2105 PRINCIPLES OF MACROECONOMICS. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies. (This course may not be taken during the same term as ECON 2106). Fall, Spring and Summer.

ECON 2105H PRINCIPLES OF MACROECONOMICS (HONORS). 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies. (This course may not be taken during the same term as ECON 2106). Fall.

ECON 2106 PRINCIPLES OF MICROECONOMICS. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze structure and performance of the market economy. Not open to students with credit for AEEO 2258. (This course may not be taken during the same term as ECON 2105). Fall, Spring and Summer.

ECON 3101 AMERICAN ECONOMIC HISTORY. 3 hours. Prerequisite: ECON 2105, ECON 2106, or AEEO 2258 with a minimum grade of a C or permission of the Dean of the Stafford School of Business. This course explores the historical foundations of American economic growth and development from the colonial period to the present. Economic factors involved in institutional and structural change and the processes of growth are considered. Special emphasis will be placed on rural development. Fall.

ECON 3300 CONTEMPORARY ECONOMIC ISSUES. 3 hours. Prerequisite: ECON 2105, ECON 2106, or AEEO 2258 with a minimum grade of a C or permission of the Dean of the Stafford School of Business. Apply basic concepts of economic decision-making to a discussion and analysis of contemporary economic issues. Includes supply and demand concepts, health care, unemployment, inflation, taxation, monopoly and competition in certain industries, international trade and trade agreements. Discuss and debate controversial and real world situations requiring the use of economics principles and concepts. Fall.

ECON 4710 RURAL ECONOMIC DEVELOPMENT. 3 hours. Prerequisite: ECON 2105, ECON 2106, or AECO 2258 with a minimum grade of a C or permission of the Dean of the Stafford School of Business. This course is intended to increase students' understanding and awareness of economic conditions of rural communities, the multitude of economic activities affecting them, and the role of government policies in influencing the growth and development of rural America. The course will highlight important definitions, concepts, and theories in economic development and introduce students to tools used in economic development. Spring.

ECON 4850 ECONOMICS OF THE WELFARE STATE: INCOME, WATER, HEALTHCARE AND THE ENVIRONMENT. 3 hours. This course in welfare economics analyzes social welfare and resource distribution that is achieved in imperfect markets. This implies the study of income, environmental and other resource distribution and how this distribution affects the Public good. This course is a methodological approach to assess resource allocations and establish criteria for government intervention and the subsequent outcomes in a private market dominated society. Individual research and group discussion will examine public expenditure programs with attention to investment in human capital, education, training, health, and welfare programs. As needed.

ECON 4890/4891/4892 SPECIAL TOPICS IN ECONOMICS. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue independent study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

ECON 4900 COMMUNITY DEVELOPMENT STRATEGIES. 3 hours. Prerequisite: ECON 2105, ECON 2106, or AECO 2258 with a minimum grade of a C or permission of the Dean of the Stafford School of Business. This intensive course covers the concepts, methods, and strategies of community development and how it supports overall economic development through education, recreation, the arts and other sectors. The course explores application of community development practice to analyze and address issues such as asset-based development, participatory approaches, leadership development, community decision making and the community capital framework. The course will focus on theories of community definition and functioning, building and sustaining community, and the impact of societal change on community processes. Fall.

EDSV 2100 EDUCATIONAL SERVICE LEARNING – A PEER APPROACH. 3 hours. This course will examine traditional and contemporary best practice models, strategies, and programs to help high school students enroll and be successful in postsecondary education. The college students will use a service learning model to apply course content by serving as “college coaches” to identified seniors in local high school. Students will mentor their high school “Near Peer” on topics regarding financial aid, choosing a college, campus visits, housing, campus life, college course work, and college culture. Students are screened and selected for participation in this course. Minimum GPA 2.5 and completion of at least 24 semester hours required. Fall.

EDUC 2110 INVESTIGATING CRITICAL AND CONTEMPORARY ISSUES IN EDUCATION. 3 hours. Prerequisite: ENGL 1101 with a minimum grade of C; at least fifteen semester hours of academic credit with a minimum GPA of 2.0. This course engages students in observations, interactions, and analyses of critical and contemporary education issues. Students will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. Students will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching in a democracy. Ten hours of field experience in an approved educational setting are required.

EDUC 2120 EXPLORING SOCIO-CULTURAL PERSPECTIVES ON DIVERSITY IN EDUCATIONAL CONTEXTS. 3 hours. Prerequisite: ENGL 1101 with a minimum grade of C; at least fifteen semester hours of academic credit with a minimum GPA of 2.0. Given the rapidly changing demographics in our state and country, this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity; and 4) the influences of culture on learning, development and pedagogy. Ten hours of field experience are required.

EDUC 2130 EXPLORING LEARNING AND TEACHING. 3 hours. Prerequisite: ENGL 1101 with a minimum grade of C; at least fifteen semester hours of academic credit with a minimum of a 2.0 GPA. Students enrolled in this course explore key aspects of learning and teaching through examining their own learning processes and those of others, with the goal of applying this knowledge to enhance the learning of all students in a variety of educational settings and contexts. Ten hours of field experience are required.

EDUC 3140 EDUCATION IN RURAL CONTEXTS. 3 hours. This course is for Rural Studies Majors Only. Prerequisite: Reserved for upperclassman. This course will focus on educational issues in rural contexts. Course study will include an examination of the symbiotic relationship between education and the economic and social issues within communities. The influence of the sources of cultural identity such as race, gender, social class, social status, sexuality, religion, and health on education in rural contexts both nationally and internationally will be explored. An examination of how the sources of cultural identity interplay with a community's ability to develop human capital will occur. Community entities and programs aimed at supporting education in rural areas will be explored. Course will include a brief examination of the history of education in rural America and how this history has shaped rural communities today. Students will participate in service learning.

ENGL 0999 SUPPORT OF ENGLISH COMPOSITION I. 1 hour. A lab based tutoring course designed to provide remediation and support for students. Structured to strengthen English composition skills in tandem with enrollment in ENGL 1101 Composition I. Required for students scoring below an established minimum score on the English Placement Index. As needed.

ENGL 1100A ENGLISH SEMINAR. 1 hour. Practical application and study of the publication techniques in the production and operation of student literary Magazine Pegasus. The equivalent of at least twenty internship-oriented hours must be logged by the student each semester. Fall and Spring.

ENGL 1101 COMPOSITION I. 3 hours. A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition and argumentation, and also including introductory use of a variety of research skills. Fall, Spring and Summer.

ENGL 1101H COMPOSITION I (HONORS). 3 hours. Honors Program membership or permission of Honors Director. A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition and argumentation, and also including introductory use of a variety of research skills. This course is taught as a writing seminar and offers greater student interaction. Fall

ENGL 1102 COMPOSITION II. 3 hours. Prerequisite: ENGL 1101 with a minimum grade of C. English 1102 is a composition course in which literature is used as a basis for argument and which emphasizes analysis, interpretation, and evaluation of a variety of texts. The course promotes academic writing and incorporates advanced research methods, including capability in electronic resources and documentation. Students must be readily able to utilize and navigate a WebCT course platform. Fall, Spring and Summer.

ENGL 1102H COMPOSITION II (HONORS). 3 hours. Prerequisite: ENGL 1101 with a minimum grade of C (or exempt status) **and** Honors Program membership or permission of Honors Director. A composition course focusing on academic writing skills that emphasizes interpretation and evaluation of a variety of texts and that incorporates advanced research skills. Spring.

ENGL 2114 WORLD LITERATURE I BEGINNINGS–15TH CENTURY. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 or ENGL 1102H with a minimum grade of C. A study of selected works of literature from the beginning of writing to the mid-15th century (Medieval) presented in their historical and cultural contexts. This course presents myths, epics, dramas, and prose works from Gilgamesh and Homer to the great traditions of Hebrew, Chinese, Indian, Middle Eastern, Greek, and Roman philosophers who laid the foundation for modern, global thoughts. The course also examines ancient and classical poetry from around the world. Fall, Spring and Summer.

ENGL 2115 WORLD LITERATURE II 15TH-18TH CENTURY. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 or ENGL 1102H with a minimum grade of C. A study of selected works of literature from the mid-15th century (Renaissance) through the 18th century Common Era (CE), presented in their historical and cultural contexts. This course includes introductions to Medieval and Early Modern worldviews and presents literary works from India, the Middle East, Africa, China, Japan, and the Americas. Fall, Spring and Summer.

ENGL 2115H WORLD LITERATURE II 15TH-18TH CENTURY (HONORS). 3 hours. Prerequisite: Honors Program membership and ENGL 1101 and ENGL 1102 or ENGL 1102H with a minimum grade of C and permission of Honors Director. A study of selected works of literature from the mid-15th century (Renaissance) through the 18th century Common Era (CE), presented in their historical and cultural contexts. This course includes introductions to Medieval and Early Modern worldviews and presents literary works from India, the Middle East, Africa, China, Japan, and the Americas. Fall, Spring and Summer.

ENGL 2116 WORLD LITERATURE III 19TH CENTURY-PRESENT. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 or 1102H with a minimum grade of C. A study of selected works of world literature from the 19th century to the present, presented in their historical and cultural contexts. Emphasis will be placed on major trends in the development of modern thought. This course includes introductions to major literary developments in Asia, Africa, Europe, and the Americas. Fall, Spring and Summer.

ENGL 2116H WORLD LITERATURE III 19TH CENTURY-PRESENT (HONORS). 3 hours. Prerequisite: Honors Program membership and ENGL 1101 and ENGL 1102 or 1102H with a minimum grade of C. A study of selected works of world literature from the 19th century to the present, presented in their historical and cultural contexts. Emphasis will be placed on major trends in the development of modern thought. This course includes introductions to major literary developments in Asia, Africa, Europe, and the Americas. Fall, Spring and Summer.

ENGL 2121 BRITISH LITERATURE I. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 with a minimum grade of C. A survey of important works of British Literature. Designed to foster in students some knowledge and appreciation of British Literature from Old English through the Neo classical period (Age of Reason). Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes and techniques of literary analysis and to the influence of philosophical, political, social, and religious views on the literature. As needed.

ENGL 2122 BRITISH LITERATURE II. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 with a minimum grade of C. A survey of important works of British Literature. Designed to foster in students some knowledge and appreciation of British Literature from the Romantic period to the present. Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes and techniques of literary analysis and to the influence of philosophical, political, social, and religious views on the literature. As needed.

ENGL 2131 AMERICAN LITERATURE I. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 with a minimum grade of C. A survey of important works of American literature. Designed to foster in students some knowledge and appreciation of American literature from the sixteenth century pre-colonial to the mid-nineteenth century (civil war). Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes and techniques of literary analysis and to the influence of philosophical and religious views on the literature. As needed.

ENGL 2132 AMERICAN LITERATURE II. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 with a minimum grade of C. A survey of important works of American literature. Designed to foster in students some knowledge and appreciation of American literature from the mid-nineteenth century (civil war) through the present. Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes and techniques of literary analysis and to the influence of philosophical and religious views on the literature. As needed.

ENGL 2401 INTRODUCTION TO CREATIVE WRITING. 3 hours. Prerequisite: ENGL 1101 with a minimum grade of C. This serves as an introduction to the craft of creative writing and to the stylistic conventions and techniques of poetry and prose through reading, discussion, and generation of original texts. Course emphasizes peer workshop and analysis of student writing. Course also includes readings from classical and contemporary authors. Fall.

ENGL 2402 WRITING NARRATIVE NONFICTION. 3 hours. Prerequisite: ENGL 1101 with a grade of “C” or higher. This serves as an introduction to writing narrative nonfiction. The course explores classic storytelling technique used by ancient and contemporary writers. Students read and discuss structure, scene, point of view and character as used by leading writers, then generate original texts from their own reporting and research. Fall.

ENGL 3010 TECHNICAL WRITING. 3 hours. Prerequisites: ENGL 1102, BIOL 2070, BIOL 2080 with a minimum grade of C or permission of department head. An introduction to the rhetoric, forms, and practices of the effective handling of technical and scientific information. The course will address forms including, but not limited to, abstracts, reports, proposals and grants, instructions, research-based writing, and oral presentations. Fall.

ENGL 3020 ADVANCED COMPOSITION. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 with a minimum grade of C. This is an intensive writing course designed to help students strengthen their practice as academic writers. Students will advance their understanding of the rhetorical situation (audience, purpose, and context) and refine the strategies and processes they use to produce academic essays. This course will incorporate advanced research methods and frequent peer review and prepare students for expectations in their capstone courses and beyond. As needed.

ENGL 3050 WRITING THE RURAL LIFE. 3 hours. A creative nonfiction writing class focusing on rural memoir, biography, event and place profiles, and other creative nonfiction subgenres relevant to rural concerns. Students will study published model essays and will compose and revise their own contribution to the field. Relevant research skills will be discussed, as well as avenues toward publication. As needed.

ENGL 3115 VISUAL RHETORIC AND DOCUMENT DESIGN. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 with a minimum grade of C. A professional writing course covering the basics of visual rhetoric, rhetorical practice, layout, editing, and design of print and online media. As needed.

ENGL 3300 LITERATURE OF RURAL AMERICA. 3 hours. A lecture course focusing on American literature of the rural experience. This course begins with the colonization of America and traces rural literature through the contemporary era. As needed.

ENGL 3325 LITERATURE AND FILM: REPRESENTING THE RURAL. 3 hours. This is a special topics Rural Studies course focusing on the cinematic representations of rural landscapes and rural life—its culture, people, economies, and politics. As needed.

ENGL 4010 INTRODUCTION TO PROFESSIONAL WRITING. 3 hours. Effective written communication allows individuals to understand each other, encourages people to take action, and motivates others to think creatively and critically. This course introduces students to the practice of using rhetorical principles in the context of business and professional writing. Students in this course will learn to consider audience and purpose to develop an appropriate style as they prepare written documents required in the workplace. Students will produce documents both individually and as part of a group. Students in this course will also be introduced to the basics of writing grant and research proposals. As needed.

ENGL 4030 EDITING. 3 hours. A study of the rhetorical effects of grammatical and stylistic choices on meaning. The course will review principles of Standard Edited English as well as higher stylistic concerns such as figures and tropes, sentence styles, tone, voice, genre, and so on. Students will gain hands-on experience in revising and editing for style as well as practical rhetorical analysis to guide them in doing so. As needed

ENGL 4310 TOPICS IN RURAL LITERATURE. 3 hours. Prerequisite: ENGL 1101 and ENGL 1102 with a minimum grade of C or higher. This special topic class focuses on local, national, and global perspectives of Rural Literature in order to provide students with a broader cultural, historical, and philosophical understanding of rural issues. Class content will be determined by instructor, but will maintain a rural focus. As needed.

ENGL 4760 SURVEY OF SOUTHERN LITERATURE. 3 hours. A survey of the major authors of southern literature within their historical and ideological context. As needed.

ENGL 4890/4891/4892 SPECIAL TOPICS IN ENGLISH. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

FACS 1103 INTRODUCTION TO CHILD DEVELOPMENT. 3 hours. A study of the development and needs of the infant, through teen years and how these needs may be met by the various members of the family and educational institutions.

FACS 1120 TEXTILE CONSTRUCTION. 3 hours. A course designed to teach the fundamentals of clothing based on wardrobe planning, purchase and use of fabrics as well as garment construction. Emphasis upon intellectual reasoning, problem-solving, managing, communicating and manual dexterity is used. Emphasis will also be given to construction of home furnishings and accessories.

FACS 1151 WELLNESS NUTRITION. 3 hours. A study of the basic principles of nutrition and selection of foods to maintain health at various stages of the life cycle.

FACS 2214 CLOTHING AND CONSUMER BEHAVIOR. 3 hours. A study of the selection of clothing and accessories during various life stages based on aesthetic, economic, psychological, and sociological aspects. Including personal grooming, clothing care, repair and storage.

FACS 2220 CONSUMER ECONOMICS. 3 hours. Management of personal income in relation to individual needs and desires, investigation of consumer information sources, and current financial and consumer credit problems which the individual or family may have to face.

FACS 2224 TEXTILES FOR CONSUMERS. 3 hours. A study of textile fibers, yarns, and fabrics; their properties and identification. Selection and care of textiles including their use in home furnishings and wearing apparel.

FACS 2275 HOUSING AND INTERIORS. 3 hours. A course designed for the planning, selection, and placing of household furnishings in the home from the artistic, economic, and practical viewpoints. Students will apply design principles in planning furnishings for the home.

FACS 2293 (SOCI 2293) INTRODUCTION TO MARRIAGE AND FAMILY. 3 hours. An introduction to the structure, processes, problems and adjustments of contemporary marriage and family life. Dual listed as SOCI 2293.

FACS 4100 COMMUNITY CONTEXT OF INDIVIDUAL AND FAMILY WELL-BEING. 3 hours. Impact of community contextual influences on human development and families. Socio-psychological and economic impact of housing and community on children and families will be explored. The family will be examined from an ecological perspective and analyzed as a producing and consuming unit within a community. The course will involve an analysis of conceptual frameworks, methodological approaches, and current research.

FACS 4890/4891/4892 SPECIAL TOPICS IN FAMILY AND CONSUMER SCIENCES. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor.

FRSC 1135 NONGAME WILDLIFE. 2 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This course is designed to acquaint students with wildlife management directed at species whose value lies in nonconsumptive use. Emphasis will be placed on terrestrial and aquatic species important as indicators, or categorized as threatened or endangered. *(Eligible only to wildlife students under a catalog term of Summer 2014 or prior.)* Fall and Spring.

FRSC 1140 FOREST MEASUREMENTS & MAPPING I. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. An introduction to the methods of assessing information on forest resources and presenting relevant information in a map format. Basic instruction will include forest inventory techniques, measuring standing trees, log rules and scaling, growth measurement. Mapping will include basic drafting and plotting techniques, acreage determination, constructing cover maps of forest types and wildlife habitat, and map orientation and interpretation. Fall and Spring.

FRSC 1150 EQUIPMENT OPERATION IN FOREST RESOURCES. 3 hours. Prerequisite: FRSC 2100 or FRSC 2255 with a minimum grade of C. A course designed to teach the operation and maintenance of equipment used in natural resource management. Includes tractor and sprayer operation and calibration, chainsaw operation and maintenance, and small engine repair. Summer.

FRSC 1155 COMPUTERS IN FOREST RESOURCES. 2 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. An introduction to the use of desktop computers in forestry and wildlife management. Included are basic computer concepts and terminology, use of Windows operating systems, electronic mail, word processing, spreadsheets, and internet resources. Spring.

FRSC 1160 FOREST SURVEYING. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. An introduction to surveying which includes surveying terminology, distance and area measurement, coordinate systems, surveying methods and equipment use. Emphasis is placed on use of the hand compass and GPS receivers. *(Eligible only to wildlife students under a catalog term of Summer 2014 or prior.)* Fall.

FRSC 1170 DENDROLOGY. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. An introduction to plant taxonomy and identification. Specific diagnostic features of major forest species will be discussed, with an emphasis on field identification. Fall and Spring.

FRSC 1190 NATURAL RESOURCE CONSERVATION. 3 hours. An introductory course dealing with renewable natural resources and basic concepts of their management. Soil, water, range, forests, wildlife, and fisheries will be emphasized. Fall and Spring.

FRSC 1192 WILDLIFE ECOLOGY AND MANAGEMENT I. 3 hours. An introduction to the basic ecological principles which govern the management of wild animal populations. Emphasis will be placed on those concepts which have given rise to present day management principles. The relationships between wildlife species and other natural forest resources will be presented. Fall and Spring.

FRSC 2100 HERBACEOUS PLANT COMMUNITIES. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Course consists of two hours of lecture and three hours of lab per week. An introduction to field botany that includes: plant taxonomy, plant identification skills, plant ecology, and community development. Emphasis is placed on plants important as wildlife foods, indicator species, invasive species, or protected species. Fall and Spring.

FRSC 2200 SOILS IN FOREST RESOURCES. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Course consists of two hours of lecture and three hours of lab per week. Pedological and edaphological concepts of soil including pedogenesis and fundamentals of soil physical, chemical, and biological properties as related to the growth, development, and productivity of forests. Emphasis on field techniques in taxonomic identification of soils and the relationship to forest management concerns. Fall.

FRSC 2225 FOREST MEASUREMENTS I. 2 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Introduction to forest products measurements, log rules, volume/weight tables and equations, measurement of standing trees, timber stand inventory techniques, and measurement of growth. Fall.

FRSC 2230 FOREST ECOLOGY & SOILS. 4 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements; and FRSC 1190 with a minimum grade of C. This course includes the basic concepts of soil science and forest ecology; soil and vegetation classification; tree variability and diversity; site and climatic influences on tree growth; and the relationship of trees to other organisms. Fall.

FRSC 2235 FOREST SURVEYING & MAPPING. 4 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. An introduction to land surveying, map preparation and map interpretation. Topics included are: surveying terminology, distance and area measurement, surveying methods and equipment use (including global positioning system [GPS] technology), basic map drafting techniques, coordinate systems, and rectangular systems for land referencing. Fall.

FRSC 2240 FOREST SAFETY. 1 hour. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This course will provide students with a general competency in basic first aid, with an understanding of safety guidelines for equipment use and field work, and provide information on the proper handling of hazardous chemicals. Fall and Summer.

FRSC 2243 GEOGRAPHIC INFORMATION SYSTEMS. 4 hours. Prerequisite: FRSC 2235 or FRSC 1140 with a minimum grade of C. This course includes instruction in the following areas: structure and function of Geographic Information Systems (GIS), map projections and coordinate systems, geographic database editing, acquisition and interpretation of aerial photographs, incorporation of Global Positioning System (GPS) coordinate data into a GIS, and production of maps. Course emphasis is on GIS in a land management context. Hands-on experience is provided through laboratory exercises employing GIS software. Spring.

FRSC 2250 FOREST PROTECTION. 2 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This course encompasses identification and control of important forest insects and diseases: fire behavior, weather, and suppression strategies will also be addressed. Spring.

FRSC 2255 FOREST MENSURATION. 5 hours. Prerequisite: FRSC 2225 with a minimum grade of C and FRSC 2235 or FRSC 1140 with a minimum grade of C. Study and application of procedures for determining timber stand volumes, including use of field computers and computation of sampling statistics. Mapping of forest areas is accomplished using global positioning system (GPS) technology as well as traditional methods. Spring.

FRSC 2260 CONSERVATION LAW ENFORCEMENT. 2 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements; FRSC 1140, FRSC 1192 and FRSC 2100 all with a minimum grade of C and successful completion of 45 hours towards the BAS-NRM Wildlife degree. A summer program designed to acquaint students with the modern techniques of game and fish law enforcement. Procedures concerned with the prosecution of game and fish law violations will be covered. Field techniques, gun safety, jurisdiction and legal authority will be included. Summer.

FRSC 2261 WILDLIFE ECOLOGY AND MANAGEMENT II. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements; FRSC 1140, FRSC 1192 and FRSC 2100 all with the minimum grade of C and successful completion of 45 hours towards the BAS-NRM Wildlife degree. Classroom and field instruction in various wildlife management principles, including habitat management techniques, population ecology, and wildlife diseases. Summer.

FRSC 2262 AQUATIC RESOURCE MANAGEMENT. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements; and FRSC 1140 and FRSC 1192. Classroom instruction plus field work under actual working conditions. This includes taking water temperature, dissolved oxygen samples, hardness readings, fish samples, working nets, seining, operating work boats, and fertilizing of ponds. *(Eligible only to wildlife students under a catalog term of Summer 2014 or prior.)* Summer.

FRSC 2263 WILDLIFE MANAGEMENT TECHNIQUES. 3 hours. Prerequisite: FRSC 2261. Designed to give students knowledge pertaining to the practical application of techniques necessary for the management of wildlife populations. Use of wildlife literature, basic physiology, necropsy, sex and age determination, etc. will be incorporated. *(Eligible only to wildlife students under a catalog term of Summer 2014 or prior.)* Fall.

FRSC 2264 WILDLIFE SEMINAR. 1 hour. Prerequisite: FRSC 2261. A capstone course for second-year Wildlife Technology students emphasizing student-lead discussions and demonstrations pertaining to current wildlife management techniques, research, policy, etc. *(Eligible only to wildlife students under a catalog term of Summer 2014 or prior.)* Fall.

FRSC 2265 SILVICULTURE. 4 hours. Prerequisite: FRSC 1170 with a minimum grade of C. An introduction to the basic concepts of silvicultural methods and systems that includes all phases of stand management from nursery work to harvest/regeneration systems. Fall and Spring.

FRSC 2266 AQUATIC HABITATS. 2 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements; FRSC 2100, FRSC 1140, FRSC 1192 all with a minimum grade of C and successful completion of 45 hours towards the BAS-NRM Wildlife degree. This course will focus primarily on the identification and management of aquatic vegetation. Instruction will include training in formulation and application of aquatic herbicides, water chemistry analysis, and manipulation of habitat to benefit desired fish species. Summer.

FRSC 2270 PRINCIPLES OF SUPERVISION. 2 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This course provides students with instruction in the basic concepts of supervision and human relations: personal prejudices, work place diversity, motivation, interviewing skills, conflict management, and performance evaluation. Fall and Spring.

FRSC 2275 FOREST INDUSTRIES. 2 hours. Prerequisite: FRSC 2255. A survey of forest industries, including tours of woodlands operations and manufacturing facilities. Summer.

FRSC 2280 FOREST HARVESTING. 2 hours. Prerequisite: FRSC 2255. A study of timber harvesting techniques and equipment, including logging cost analysis. Summer.

FRSC 2285 FORESTRY SEMINAR. 1 hour. Prerequisite: FRSC 2255. Current research, professional ethics, policy issues, and regional silviculture will be discussed. Summer.

FRSC 2290 TIMBER MANAGEMENT. 5 hours. Prerequisite: FRSC 2243 and FRSC 2255. A course in forestry and business management principles and techniques, including measurement of site productivity, determination of timber stand growth and yield, valuation of forest land and premerchantable timber stands, and forest investment analysis. Summer.

FRSC 3130 ENDANGERED SPECIES MANAGEMENT. 2 hours. Prerequisite: FRSC 2261 or FRSC 2290 with a minimum grade of C. Provides a general background in endangered species ecology and management, explores the history and role of the Endangered Species Act (ESA), including the primary sections of the ESA and the listing process, and the social and economic implications of legislation enacted to conserve endangered species. Fall.

FRSC 3135 NONGAME WILDLIFE CONSERVATION AND MANAGEMENT. 2 hours. Prerequisite: FRSC 2261 with a minimum grade of C. Conservation issues, basic ecology, and management techniques relating to nongame wildlife will be addressed, as well as the role of nongame wildlife species and assemblages in southeastern ecosystems. Summer.

FRSC 3150 WILDLIFE MANAGEMENT PRINCIPLES. 3 hours. Prerequisite: FRSC 2290 with a minimum grade of C. An introduction to the basic ecological principles which govern the management of wild animal populations. Emphasis will be placed on those concepts which have given rise to present day management principles. The relationships between wildlife species and other natural forest resources will be presented. Fall.

FRSC 3170 ADVANCED FOREST ECOLOGY. 3 hours. Prerequisite: FRSC 2290 with a minimum grade of C. Silvical characteristics of trees and environmental factors affecting the establishment, growth, and development of forests. Topics will include the structure and function of forest communities, disturbance, succession, nutrient cycling, and community analysis. Laboratory exercises will include field techniques in forest ecosystem analysis. Spring.

FRSC 3200 WILDLIFE DAMAGE MANAGEMENT. 3 hours. Prerequisite: FRSC 2261 with a minimum grade of C. Provides sociological, ecological, and economic justifications for controlling and preventing damage caused by problem wild and feral animal populations. Primary emphasis is on vertebrates species, especially mammals and birds. Course delivery includes interaction with federal and state agencies and private consultants. Spring even-numbered years.

FRSC 3243 GEOGRAPHIC INFORMATION SYSTEMS. 4 hours. Prerequisite: FRSC 2261 with a minimum grade of C. This course includes instruction in the following areas: structure and function of Geographic Information Systems (GIS), map Projections and Coordinate systems, geographic database editing, acquisition and interpretation of aerial photographs, incorporation of Global Positioning System (GSP) coordinate data into a GIS, and production of maps. Course emphasis is on GIS in a wildlife management context. Hands-on experience is provided through laboratory exercises which employ GIS software. Spring.

FRSC 3262 INTRODUCTION TO FISHERIES. 3 hours. Prerequisite: FRSC 1140, FRSC 1192 and FRSC 2100 all with a minimum grade of C and successful completion of 45 hours towards the BAS-NRM Wildlife degree. An introductory course in aquatic ecology and fisheries, including the identification of common southeastern fish species, various aspects of water chemistry, stream ecology, and pond management. Summer.

FRSC 3300 FIRE ECOLOGY & MANAGEMENT. 4 hours. Prerequisite: FRSC 2261 or FRSC 2290 with a minimum grade of C. Develop a thorough understanding of the function of fire in natural resource systems, especially in terms of effects on plant communities and various environmental factors. Topics include: The natural and historical role that fire has played in North America, especially in the Southeast; recognition of the effects of fire on flora, fauna, soils and other ecosystem components; general fire regimes characteristic of North America; fire management policies and organizations; and key issues regarding prescribed burning and wild-land /urban interface fire. Field laboratory exercises will include prescribed burning and burn assessment. Spring.

FRSC 3363 TECHNIQUES IN WILDLIFE MANAGEMENT. 4 hours. Prerequisite: FRSC 2261 with a minimum grade of C. Designed to give students knowledge pertaining to the practical application of techniques necessary for the management of wildlife populations. Use of wildlife literature, basic physiology, necropsy, sex and age determination, etc. will be incorporated. Students will also develop and give professional presentations on a wildlife techniques topic. Fall.

FRSC 3400 TECHNIQUES IN FISHERIES MANAGEMENT. 3 hours. Prerequisite: FRSC 2261 with a minimum grade of C. Principles, methods, and techniques used in the management of freshwater fisheries, with emphasis on the basic qualitative and quantitative sampling methods used in the field. Spring even-numbered years.

FRSC 3520 FOREST HYDROLOGY & WETLANDS MANAGEMENT. 4 hours. Prerequisite: FRSC 2261 or FRSC 2290 with a minimum grade of C. Forest hydrology and water quality will be discussed, with emphasis on watershed and wetlands management. The role of water in forested and non-forested ecosystems and its importance to site productivity and sustainable management of forested ecosystems will be investigated. Topics will include: basic principles of forest hydrology and watershed management, types of wetlands and their characteristics, wetland distribution, applied wetland science (assessment, mitigation, and restoration). Lectures will be supported by extensive use of field laboratory exercises. Fall.

FRSC 3600 WATERFOWL MANAGEMENT. 3 hours. Prerequisite: FRSC 2261 with a minimum grade of C. A detailed examination of topics and practices related to waterfowl management are covered including distribution, behavior, population dynamics, habitat requirements, and habitat manipulation. Other migratory gamebirds utilizing similar habitats will also be addressed. Laboratory exercises will include identification, sexing and aging of waterfowl species, and identification of major plant food species. Fall even-numbered years.

FRSC 3700 UPLAND GAME BIRD MANAGEMENT. 3 hours. Prerequisite: FRSC 2261 with a minimum grade of C. This course will focus primarily on the biology and management of northern bobwhite, wild turkey, and ruffed grouse in the southeastern United States. The biology and management of other important upland game birds in the U.S. will also be examined. Areas of focus will include population monitoring, habitat requirements, and habitat management techniques commonly used in forested and agricultural landscapes. Fall odd-numbered years.

FRSC 3770 (BIOL 3770) ORNITHOLOGY. 3 hours. Prerequisite: BIOL 1108/1108L with a minimum grade of C. Course lectures will focus on the physiology, morphology, evolution, ecology, and behavior of birds. Lab emphasizes gross anatomy and identification of southeastern species by sight and sound. Students will be required to walk long distances, often through inhospitable terrain. A weekend trip will be required; other Saturday trips will be offered. A pair of binoculars and a field guide will also be required. Spring odd-numbered years.

FRSC 3880 (BIOL 3880) HERPETOLOGY. 3 hours. Prerequisite: BIOL 1108/1108L with a minimum grade of C. A course in the evolution, ecology, and conservation of amphibians and reptiles. Identification, taxonomy, and natural history of southeastern species will also be included. Spring even-numbered years.

FRSC 4125 TIMBER PROCUREMENT. 4 2 hours. Prerequisite: FRSC 2290 with a minimum grade of C. The role of timber procurement in the forest products industry will be discussed. Emphasis will be placed on procurement strategies, timber dealer organizations, management of logging contractors, and wood fiber supply management considerations. Spring.

FRSC 4150 WILDLIFE MEASUREMENTS. 4 hours. Prerequisite: FRSC 2261 or FRSC 3150 with a minimum grade of C. This course will introduce students to the fundamentals of sampling procedures and field techniques commonly used in wildlife management to evaluate habitat and populations. Emphasis will be placed on techniques for collecting information on birds, mammals, fish, and herpetofauna, assessing habitat variables, recording and summarizing field data, and reporting results. Concepts presented in lectures will be applied in field laboratory exercises. Fall.

FRSC 4250 FOREST RESOURCES BUSINESS MANAGEMENT. 3 hours. Prerequisite: FRSC 3520 with a minimum grade of C. Basic economic and managerial concepts, procedures, and techniques for business management. Emphasis will be placed on the planning, organization, directing, controlling and staffing functions in a forest resources context. Spring.

FRSC 4265 ADVANCED SILVICULTURE. 3 hours. Prerequisite: FRSC 2290 with a minimum grade of a C. Advanced topics in silviculture with an emphasis on hardwood management and comprehensive analyses of stand regeneration, mid-rotation management, pesticides, and computer modeling of stand dynamics and growth/yield. Fall.

FRSC 4350 FOREST NURSERY AND SEED ORCHARD MANAGEMENT. 3 hours. Prerequisite: FRSC 2290 with a minimum grade of C. This course will introduce students to the theory and practice of nursery and seed orchard management. Topics will include site selection, soils, mechanical culture, fertilization, target seedling concept, irrigation, harvesting techniques, disease and insect management, seedling storage, seedling mortality causes, bareroot and container propagation, and the influence of genetics. Fall.

FRSC 4370 FOREST RECREATION & ECOTOURISM. 2 hours. Prerequisite: FRSC 2261 or FRSC 2290 with a minimum grade of C. This course examines the history of the environmental movement and the management activities of agencies providing outdoor recreation opportunities. Outdoor recreation behavior will be discussed, as well as issues relating to human-environment interactions. Management of outdoor recreation and ecotourism will be emphasized. Fall.

FRSC 4450 FOREST RESOURCES INTERNSHIP. 3 hours. Prerequisite: FRSC 2261 or FRSC 2290 with a minimum grade of C. An internship for students majoring in the BAS-NRM degree programs. As needed.

FRSC 4510 (BIOL 4510) VERTEBRATE NATURAL HISTORY. 3 hours. Prerequisite: BIOL 1108/1108L. The life histories of vertebrate species are covered, with primary emphasis on the identification, ecology, behavior, taxonomy, and systematic of southeastern wildlife species. Spring.

FRSC 4630 SENIOR PROJECT. 4 hours. Prerequisite: FRSC 3300 and FRSC 3520. Student teams will be formed to work on approved projects involving management of forested properties. Teams will determine client objectives, map and inventory the project property, and develop alternate strategies to accomplish the client's objectives. A written report will be provided to the client that includes justification for recommendations contained therein. Each team will make an oral presentation on their project in class at the end of the term. Spring.

FRSC 4890/4891/4892 SPECIAL TOPICS IN FOREST RESOURCES. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue independent study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

FRSC 4910 NATURAL RESOURCES POLICY & LAW. 3 hours. Prerequisite: FRSC 2261 or FRSC 2290 with a minimum grade of C. Natural resources policy will be examined at both state and national levels from 1900 through the present day. Natural resources law topics include: pollution control; role of administrative agencies and courts; federal and state power; air and water pollution; regulation of toxic substances; protection of soil, wildlife, and other natural resources. Fall.

GEOG 1101 INTRODUCTION TO HUMAN GEOGRAPHY. 3 hours. A survey of global patterns of resources, population, culture, and economic systems. Emphasis is placed upon the factors contributing to these patterns and the distinctions between the technologically advanced and less advanced regions of the world. Spring.

GEOG 3050 ECONOMIC GEOGRAPHY. 3 hours. Economic geography is an analysis of economic systems and spatial patterns of production and consumption. Course organization focuses on sectors of the economy: primary sector-agricultural patterns; secondary sector-industrial location; and tertiary/quaternary activities-retailing and the public sector; with emphasis on spatial processes, location models, regional economic development, and the changing economic landscape. As needed.

GEOG 4001 ISSUES IN RURAL GEOGRAPHY. 3 hours. This course focuses on the spatial aspects of the socio-economic activities of an area, such as how resources are allocated and exchanged from place to place. Rural population dynamics, including depopulation, repopulation and differential migration, location theories, development and agriculture as well as industry and services represent a major geographic issues and themes. Related issues of regional and community economic viability and social vitality in the context of settlement policies are addressed. As needed.

GEOG 4020 SUSTAINABLE COMMUNITIES. 3 hours. This course will cover a wide range of areas including the theory and practice of sustainable community development, community-building, co-operative economies, globalization, social enterprises, leadership, social responsibility, political process, ecology, community planning, among others. The course integrates knowledge gained in an academic setting with learning acquired through research on sustainable development, sustainable public policy, sustainable agriculture, sustainable urban planning, and sustainable business. This course will prepare students who choose immediate employment upon graduation can pursue careers in diverse areas such as governmental services, environmental consulting, urban & rural land-use planning, economic development, community development, business, and sustainability director positions. As needed.

GEOG 4890/4891/4892 SPECIAL TOPICS IN GEOGRAPHY. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

GLST 3700(A or B) GLOBAL EXPERIENTIAL LEARNING. 3 hours. Prerequisite: Prior approval required. This course is designed to allow students the opportunity to study, experience and learn in an organized and structured international environment. Critical and rational thinking skills and problem-solving opportunities will be exercised. Students will be accompanied by a college representative throughout the study which may include both classroom presentations and site observations. As needed.

GNDR 1101 INTRODUCTION TO GENDER STUDIES. 3 hours. Prerequisite: Completion or exemption from English Learning Support requirements. A survey course designed to introduce students to the social, cultural, and intellectual concepts of an interdisciplinary field that views gender not only as a major topic of study, but as a tool to analyze modern life. Fall.

HIST 1111 WORLD HISTORY I. 3 hours. A survey of World History to early modern times. The course focuses on the progress of humankind, the ancient societies of the world, the impact of religion on intellectual thought, the formation of social institutions, key social movements, and the political, social, and economic forces which spawned the development of current global trends. Fall.

HIST 1112 WORLD HISTORY II. 3 hours. A survey of World History from early modern times to the present. Issues addressed include the emergence of democracy, totalitarianism, nationalism, and internationalism; analysis of the principal social institutions with the factors and forces influencing them; and the economic aspects of societies during these centuries. Spring.

HIST 2111 UNITED STATES HISTORY I. 3 hours. A survey of United States history to the post-Civil War period. This course covers the major social, economic, political, and cultural issues which accompanied the development of American life from pre-Columbian beginnings to Reconstruction. A particular emphasis will be placed on the role of Georgia in the development of the nation. Fall, Spring and Summer.

HIST 2111H UNITED STATES HISTORY I (HONORS). 3 hours. A survey of United States history to the post-Civil War period. This course covers the major social, economic, political, and cultural issues which accompanied the development of American life from pre-Columbian beginnings to Reconstruction. A particular emphasis will be placed on the role of Georgia in the development of the nation. Fall odd-number years.

HIST 2112 UNITED STATES HISTORY II. 3 hours. A survey of United States history from the post-Civil War period to the present. This course covers the major social, economic, cultural, and political issues in American history since the Civil War. A particular emphasis will be placed on the role of Georgia in the development of the nation. This course satisfies state law requiring examination on Georgia and United States history. Fall, Spring and Summer.

HIST 2112H UNITED STATES HISTORY II (HONORS). 3 hours. A survey of United States history from the post-Civil War period to the present. This course covers the major social, economic, cultural, and political issues in American history since the Civil War. A particular emphasis will be placed on the role of Georgia in the development of the nation. This course is taught as a seminar and emphasizes greater student interaction. This course satisfies state law requiring examination on Georgia and United States history. Fall even-numbered years.

HIST 2201 AFRICAN AMERICAN HISTORY. 3 hours. An introduction to the history of African-Americans in the United States, emphasizing their African heritage and their unique historical evolution in American society. This study also includes an analysis of the institutions and personalities which influenced and shaped the social, economic, political, and cultural developments of the African-American community and American civilization. As needed.

HIST 2232 MINORITIES IN AMERICAN HISTORY. 3 hours. Ethnic, socio-cultural, and economic perspectives will be employed in considering the essential pluralism of American society from colonial times to the present. Patterns of inclusion and exclusion of minorities throughout American history will be analyzed to give students a clear understanding of the significance of ethnic and cultural diversity in the evolution of modern American society. As needed.

HIST 2255 INTRODUCTION TO GEORGIA AND LOCAL HISTORY. 3 hours. An examination of Georgia history from colonial times to the present. By concentrated study of selected issues in state development, the course attempts to develop critical thinking and deeper appreciation of the historical process at the state and local level. As needed.

HIST 3000 HISTORY OF RURAL AMERICA. 3 hours. A general introductory course to provide students with a basic understanding of Rural America, including the history, future, impact and influence of Rural American on American society. As needed.

HIST 3050 BORDERLANDS IN A RURAL WORLD. 3 hours. Focuses on colonialism and imperialism from the 15th century to the 21st century from the perspective of colonized peoples. Through course readings, discussions, lectures, and research presentations, students will evaluate how various societies functioned pre/post European arrival—from Australia to Papua New Guinea to countless sites on the continent of Africa and Southeast Asia to the Americas. This course engages how the rural world is very much a part of the imperial drive that has shaped a modern planet as well as how humans shape their identities on the rural borderlands of empires. This course introduces students to important aspects of place studies, demography, political economy, and how the study of borderlands can tell us much about the human experience, past and present. As needed.

HIST 3100 INTRODUCTION TO PUBLIC HISTORY. 3 hours. Prerequisite: HIST 2111 or 2112 with a minimum grade of C. This course introduces students to public history, a subfield of history that emphasizes the interpretation and preservation of history to a wide audience. This course focuses on the importance of museums, historic preservation efforts, and oral history, while addressing the politics behind public history and popular memory. Assignments require students to apply critical thinking skills and analysis of different forms of historical information made accessible to the public, including films, mass media, historical primary documents, and academic secondary sources. This course helps prepare students for careers in diverse fields, such as public history, government, law, and museum work. As needed.

HIST 3280 FARMS, FACTORIES, AND FOOD: A GLOBAL PERSPECTIVE. 3 hours. From the sixteenth century to the present, the course will explore the making of the modern global food system. The course will use case studies of plants and animals' journeys from farms to dinner plates and how they changed over time to illuminate major themes in the development of the modern world and the contemporary global food system. The course will use these case studies to explore the social, cultural, economic, political, and ecological relationships formed in and around food production, distribution, and consumption. Insights from history, cultural anthropology, ecology, political economy, and rural studies will inform the course. As needed.

HIST 4080 HISTORY OF SCIENCE & TECHNOLOGY IN THE MODERN WORLD. 3 hours. The course will examine science and technology in their cultural and social contexts since the Scientific Revolution and the ways in which scientific inquiries, achievements, and debates have shaped and continue to shape human culture (and vice versa). The course will have two goals: first, to explore the ways in which science and technology have helped various societies make sense of, and manipulate, their worlds and themselves; and second, to appreciate how science and technology reflect their historical periods and contexts. As needed.

HIST 4110 RURAL COMMUNITIES IN HISTORICAL STUDY. 3 hours. A course focusing on the development of rural life—its landscape, culture, people, economies, and politics. Through course readings, discussions, lectures, and research presentations, students will evaluate the multiple and complex meanings of "rural" and "Community" employed throughout world history. Community studies prepare students to evaluate the stereotypes and perceptions of what is "rural" and what is not; hence, course content and dialogue will grapple with what makes "rural" communities unique by comparing such places with urban and suburban settings. This course introduces students to important aspects of place studies, demography, political economy, and how the study of communities' diverse histories can tell us much about the human experience, past and present. As needed.

HIST 4230 SLAVERY AND THE EARLY MODERN WORLD. 3 hours. Course examines the experiences of participants in the world's largest forced migration. Understanding the development, proliferation, and demise of racial slavery in the Americas is fundamental to comprehending the connected histories of the Americas, Europe and Africa. The trade of human beings, and the products which their labor produced, linked three continents and hundreds of islands for over three hundred years. In addition to examining the slave trade and its participants, we will come to understand the evolution of the Early Modern Atlantic World—from the “discovery” of the Americas to the abolition of the British slave trade in 1808 as well as its impact on the American experiment with democracy and the human experience post-1865. Overall, the course aims to introduce students to slavery as a part of global history and the modern world. It will also encourage individuals to think critically about the past and the present and to see interconnections between people, places, and times. Finally, the course will give students an introduction to the ways that historians, in particular, think and work. As needed.

HIST 4280 SOCIAL MOVEMENTS IN RURAL AMERICA. 3 hours. Rural Americans have a long history of mobilizing for political change both inside and outside of the formal political process. The course will explore that history through case studies of social movements. In the process, we will illuminate broad themes in the history of American rural life from the colonial era to the present. Students will engage the history of rural social movements through a range of primary and secondary readings. Though a social history of rural politics, course materials will necessarily be interdisciplinary. Students will spend time reading, talking, and writing about the history of social movements rural people built around campfires and in country kitchens and churches. Spring.

HIST 4310 NATIVE PEOPLES OF THE AMERICAS. 3 hours. This course is designed to give students a better understanding of the history of the Native American people of North, Central, and South America, their culture, and impact on modern society in the Western Hemisphere. With an emphasis placed on the rural aspects of the modern Native Americans in the various regions they inhabit of the Western Hemisphere. As needed.

HIST 4890/4891/4892 SPECIAL TOPICS IN HISTORY. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

HNRS 1102 HONORS SEMINAR. 1 hour. Freshman level honors seminar built around the concepts of “self”, “society”, and “nature”. Basic questions of human existence are explored in an interdisciplinary manner. These seminars also serve as an orientation to college life and are taken in lieu of ABAC 1000 by honors program students. Spring.

HNRS 2101 HONORS SEMINAR. 1 hour. Sophomore level honors seminar. Selected special topics are explored in an environment that fosters both collaborative and independent learning. As needed.

HNRS 2102 HONORS SEMINAR. 1 hour. Sophomore level honors seminar. Selected special topics are explored in an environment that fosters both collaborative and independent learning. As needed.

HORT 2201 PRINCIPLES OF PLANT SCIENCE. 3 hours. Discussions and laboratories addressing basic botany and principles of plant growth. Plant responses to varying climatic, environmental, and plant factors applicable to field crops, fruits, vegetables, and ornamentals will be emphasized. Fall and Spring.

HORT 2202 GROUNDS MAINTENANCE EQUIPMENT. 3 hours. Discussions and laboratories addressing the selection, operation, and maintenance of power equipment used in various grounds maintenance programs. This course will acquaint students with the various types of mechanized equipment used in maintenance, production, and planting operations and to teach respect for power while learning how to operate and use the equipment safely and to the best advantage. Costs analysis of equipment will be emphasized. Spring.

HORT 2207 EXPERIENTIAL LEARNING IN LANDSCAPE. 3 hours. A conference and practical experience course directed toward the landscape student. Projects selected by students and the advisor will form the basis of this course. Individual and group problems related to the projects will be discussed. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall and Spring.

HORT 2208 EXPERIENTIAL LEARNING IN TURFGRASS. 3 hours. A conference and practical experience course directed toward turfgrass students. Projects selected by students and the advisor will form the basis of this course. Individual and group problems related to the projects will be discussed. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall and Spring.

HORT 2215 LANDSCAPE DESIGN. 3 hours. Discussions and laboratories addressing the principles of landscape design as applied to residential as well as commercial properties. Emphasis is placed on the theory and principles of landscape design and planning using mechanical drafting and computer skills. Sketching and plan presentation will be stressed also. Spring.

HORT 2230 TURF INTERNSHIP (EXPERIENTIAL LEARNING). 9 hours. Prerequisite: A minimum 2.0 overall grade point average and a minimum 30 overall earned credit hours. On job training for students in Golf Turf Management. Orientation session must be completed prior to placement. Detailed worksheet and project assignment to be completed during placement. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall, Spring and Summer.

HORT 2231 TURFGRASS SCIENCE AND TECHNOLOGY. 3 hours. Discussions and laboratories addressing turfgrass cultivar and seed identification, selection, and establishment. The primary and secondary cultural practices will be identified and studied. Fall.

HORT 2232 TURF AND ORNAMENTAL PEST MANAGEMENT. 3 hours. Discussions and laboratories addressing turfgrass and ornamental pests. Weed, insect, disease, and nematode management programs will be emphasized. Spring.

HORT 2233 GOLF COURSE DESIGN AND MANAGEMENT. 3 hours. Discussions and laboratories addressing principles and practices in design, development, and management of golf courses. Selection and utilization of turfgrass materials, development of specifications for their nutritional, chemical, and mechanical maintenance, equipment, labor management, and public relations will be discussed. Spring.

HORT 2237 SPORTS TURF MANAGEMENT. 3 hours. Discussions and laboratories addressing installation and maintenance of all sports and athletic fields. Emphasis will be placed on the development of maintenance plans, problem solving and event scheduling. Spring.

HORT 2239 GROUNDS IRRIGATION SYSTEMS. 3 hours. Discussions and laboratories addressing turfgrass and landscape irrigation systems including basic installation, repairs, and troubleshooting. Fall and Spring.

HORT 2240 LANDSCAPE INTERNSHIP (EXPERIENTIAL LEARNING). 9 hours. Prerequisite: A minimum 2.0 overall grade point average and a minimum 30 earned credit hours. On job training for students in Landscape Management. Orientation session must be completed prior to placement. Detailed worksheet and project assignment to be completed during placement. Critical and rational thinking skills and problem-solving abilities will be exercised. Fall, Spring and Summer.

HORT 2241 GROUNDS MANAGEMENT. 3 hours. Discussions and laboratories addressing principles in selection, establishment and maintenance of ornamental trees, shrubs, groundcovers, lawns, and flower areas. Planting procedures, pruning, mulching, fertilization, bracing, cabling, and bark and cavity repair will be discussed. Fall.

HORT 2270 WOODY ORNAMENTAL PLANT IDENTIFICATION. 3 hours. Discussions and laboratories addressing the cultural practices and landscape values of woody ornamental plant materials. Laboratory practices will include identification of plants commonly used in landscape planting. Fall and Spring.

HORT 2271 HERBACEOUS ORNAMENTAL PLANT IDENTIFICATION. 3 hours. Discussions and laboratories addressing the identification of common and outstanding herbaceous ornamentals. Cultural practices and landscape values of herbaceous ornamentals will be discussed. Spring.

HORT 3033 FRUIT AND VEGETABLE PRODUCTION. 3 hours. Prerequisites: AGRY 2020 and AGRP 1125 with a minimum grade of C. A lecture course with a laboratory component designed to familiarize students with the principles and theories of modern fruit and vegetable crop production. Emphasis is placed on the major fruit and vegetable crops of Georgia and the Southeast. All Aspects are covered from initial planning to market. Fall.

HORT 3230 INSECT AND NEMATODE MANAGEMENT. 3 hours. Prerequisite: HORT 2232 with a minimum grade of C. Managing turfgrass insect and nematode pests, insect and nematode biology and identification, detection and monitoring, safeguarding the environment, integrated insect and nematode management, cultural and biological management, insect and nematode specificity, nuisance pests, innocuous invertebrates, beneficial invertebrates, managing nuisance wildlife problems in the turfgrass environment. Fall.

HORT 3236 ENVIRONMENTAL ISSUES IN URBAN AGRICULTURE. 3 hours. This course is designed to introduce the student to the environmental issues concerning the urban agriculture. Emphasis will be given to the role and conservation of water resources, environmental impacts of fertilization and pesticides, the development of integrated management systems for urban agriculture settings including wetlands and wildlife habitats. Fall.

HORT 3250 TURFGRASS DISEASES. 3 hours. Prerequisite: HORT 2232 with a minimum grade of C. Managing turfgrass diseases, diseases of warm season turfgrasses, diseases of cool season turfgrasses, diseases common to all turfgrasses, diseases in the transition zone, epidemiology, sampling, diagnosis, signs and symptoms, cultural and biological management, and integrated disease management programs. Spring.

HORT 3310 BEST MANAGEMENT PRACTICES IN TURFGRASS. 3 hours. Prerequisite: HORT 2231 and HORT 2239 with a minimum grade of C. Best management practices in turfgrass selection, soil practices, understanding soil physics, construction and establishment, fertilization, irrigation, turfgrass management, pest management and control, pesticide and nutrient management, handling and storage practices, and integrated management practices will be discussed. Fall.

HORT 3520 COMPUTATIONS IN TURFGRASS MAINTENANCE. 3 hours. Prerequisite: HORT 2231 and MATH 1001 or higher (except MATH 2008) with a minimum grade of C. Area measurement calculations, volume calculations, fertilizer and pesticide calculations, spreader and sprayer calibrations, seeding rate calculations, and integrated computations in turfgrass maintenance will be discussed. Fall.

HORT 4320 MANAGEMENT OF FINE TURF. 3 hours. Prerequisite: HORT 2231 and HORT 2233 with a minimum grade of C. Bermudagrass, bentgrass and seashore paspalum characteristics, golf green construction and establishment, managing golf greens and athletic fields, bermudagrass winterkill, bentgrass summer stresses, other selected stresses and maladies, chemical usage and programs, and integrated strategies will be discussed. Spring.

HORT 4330 CONSTRUCTION, RENOVATION AND GROW-IN. 3 hours. Prerequisite: HORT 2231 and HORT 2233 with a minimum grade of C. Management concerns, environmental issues, design interpretation, planting details, agronomic concerns, soil physics and chemistry, as-built plans, cultural practices, erosion and sediment control, cultural program establishment, grow-in specificity and special needs, renovation, and specialized areas of concern will be discussed. Turfgrass sites include golf courses, sports fields, and other athletic/grounds facilities. Spring.

HORT 4600 EXPERIENTIAL LEARNING IN TURF. 3 hours. Prerequisite: A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours and HORT 2233 with a minimum grade of C. Advanced experiential learning at the campus golf course (Forest Lakes Golf Club) allowing students to apply learned technical knowledge and experience “on course” activities related to management of golf courses. If sports turf or commercial turf, then selected sites will be provided. Fall, Spring and Summer.

HORT 4610 TURFGRASS RESOURCES. 3 hours. Prerequisite: HORT 2233 with a minimum grade of C. Management framework, organizational structure, staffing and directing in human resources, financial management, financial statements, recordkeeping, golf course operations schedule, budgets, leasing and procuring equipment, procuring supplies, investment protection, tournament planning, and sponsorship recruitment. Fall.

HORT 4890/4891/4892 SPECIAL TOPICS IN HORTICULTURE. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

HUMN 1100 TOPICS IN THE HUMANITIES. 1 hour. An exploration of issues and ideas related to the study and/or practice of the humanities in the contemporary world. Topics will vary. Fall and Spring.

HUMN 1100H TOPICS IN THE HUMANITIES (HONORS). 1 hour. Freshman level honors seminar. An exploration of issues and ideas related to the study and/or practice of the humanities in the contemporary world. Topics will vary. Fall.

HUMN 2221 WESTERN WORLD HUMANITIES I. 3 hour. Designed to foster in students some knowledge and appreciation of literature, music, painting, sculpture, and architecture in the following art periods: Greek, Roman, early Christian, Romanesque, Gothic, and Renaissance. Fall, Spring and Summer.

HUMN 2222 WESTERN WORLD HUMANITIES II. 3 hour. Designed to foster in students some knowledge and appreciation of literature, music, painting, sculpture, and architecture in the following art periods: Baroque, Rococo, Classic, Romantic, and Twentieth Century. Fall, Spring and Summer.

HUMN 4200 INDIGENOUS WORLD CULTURES. 3 hour. A course in the study of indigenous world cultures in their rural settings. The emphasis will be on indigenous European, Asian, African, Australian and American cultures. The way of life, literature, art, music and architecture of these indigenous world cultures will be identified and studied. The course will assess the functionality of indigenous cultural productions and the importance of these often ignored and neglected indigenous cultures. As needed.

HUMN 4890/4891/4892 SPECIAL TOPICS IN HUMANITIES. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

HUSC 2114 WELLNESS AND HUMAN EXPERIENCES. 3 hours. This course uses a lifespan perspective to focus on current issues in wellness and the human experience. The three main areas of critical analysis will be the collective societal implications on issues of wellness, nutrition and weight management, and stress. Students will use critical thinking and effective communication skills to analyze, defend and/or refute positions regarding current information on wellness topics. Through service learning opportunities, students will use theory, evidence and values to promote wellness.

ISCI 2001 LIFE AND EARTH SCIENCE FOR ELEMENTARY TEACHERS. 3 hours. Prerequisite: PHSC 1011/1011L and MATH 1001 or 1111 with a minimum grade of C. This is an Area F science course for early childhood education majors. The learning outcome and topics of the course are intended to focus on central themes in life and earth science. Themes include: Characteristics of life, cells, heredity, biodiversity, interdependence of life, energy flow, earth systems, lithosphere, hydrosphere and biosphere. This is an activity based class with two hours of lecture and two hours of lab integrated together. Fall, Spring and Summer as needed.

ISCI 2002 PHYSICAL SCIENCE FOR ELEMENTARY TEACHERS. 3 hours. Prerequisite: PHSC 1011/1011L and MATH 1001 or 1111 with a minimum grade of C. This course is an Area F science course for early childhood education majors. The learning outcomes and topics of the course are intended to focus on central themes in physical science. Themes include: matter, energy, forces, electromagnetic/gravitational fields and astronomy. This is an activity based class with two hours of lecture and two hours of lab integrated together. Fall, Spring and Summer as needed.

ITEC 2215 INTRODUCTION TO INFORMATION TECHNOLOGY. 3 hours. Prerequisite: CISM 2201 with a minimum grade of C or approval of instructor. This is an introduction to the nature and applications of Information Technology (IT). Students become familiar with the concepts and terminology of IT, including hardware, software, networks, databases, and the Internet. They also study examples of ways in which tools of IT are applied in the workplace. Fall. ITEC 2215 is not open to students who already have credit for CSCI 1100. As needed.

ITEC 2220 MICROCOMPUTER HARDWARE AND SOFTWARE CONCEPTS. 3 hours. Prerequisite: A basic knowledge of computer applications. This course will provide coverage of the functions and architecture of computer hardware; operating system functions, installation, and configuration; and extensive hands-on experience in computer set-up, operation and maintenance. Students passing both parts of the A+ Certification Exam may receive credit by exam for this course. As needed.

ITEC 2230 ADVANCED OFFICE APPLICATIONS. 3 hours. Prerequisite: CISM 2201 with a minimum grade of C. This course is designed to develop students' advanced word processing skills in the areas of macros, document merging, graphics, and desktop design. Additionally, advanced spreadsheet skills will be covered including data tables, data management, and macros. Focus will be placed on the integration of output from one software program to another. Students passing both Microsoft certification exams in current versions of Microsoft Excel and Word may receive credit by exam for this course. As needed.

ITEC 2236 INTRODUCTION TO MULTIMEDIA FOR THE WEB. 3 hours. Prerequisite: CISM 2201 with a minimum grade of C. Basic design principles and tools for creating multimedia web sites including coverage of techniques for capturing, editing, storing, and retrieving content for presentation and web delivery of video. As needed.

ITEC 2245 MICROCOMPUTER DATABASE MANAGEMENT. 3 hours. Prerequisite: CISM 2201 with a minimum grade of C. This course will cover the principles and practices in information modeling and database design; methods to analyze information requirements, devise data models, construct schemas and implement models within common database management software; use of database management systems (DBMS) software to create databases, perform queries, produce reports and perform standard maintenance functions. Students passing the Microsoft certification exam in the current version of Microsoft Access may receive credit by exam for this course. As needed.

ITEC 2260 COMPUTER PROGRAMMING I. 3 hours. Prerequisite: CISM 2201 with a minimum grade of C. Students learn to write modular, well-documented programs. Topics begin with an overview of problem-solving methods, algorithms, modules, program flow, flowcharting, pseudo-code, and documentation. This is followed by instruction in data types and basic control structures, including loops, conditionals, arrays, subroutines, files, and records. Weekly programming assignments employ these features as they are introduced. As needed.

ITEC 2261 WEB APPLICATIONS DEVELOPMENT. 3 hours. Prerequisite: CISM 2201 with a minimum grade of C. This course is a survey of techniques and tools for developing Web-based information processing applications; page description languages, scripting languages, data structuring languages, file and database access methods and other technologies for creating dynamic, data-driven web sites. As needed.

ITEC 2370 COMPUTER PROGRAMMING II. 3 hours. Prerequisite: ITEC 2260 with a minimum grade of C. This course introduces advanced Visual Basic controls and programming techniques that are used in developing high-level windows applications. Topics include: advanced database handling; data validation routines; error handling procedures; keyboard events; developing menus, toolbars, and status bars; drag and drop events; graphics and animation handling; ActiveX controls; dynamic link libraries (DLL); object linking and embedding (OLE); and object oriented (OO) techniques. As needed.

JRNL 1101 INTRODUCTION TO MASS MEDIA. 3 hours. This course will cover the history, theory, technologies and practices associated with the mass media industries of the print media (newspaper, books, and magazines), the electronic media (movies, television, radio, Internet and cable and the services that are interconnected) to the mass media (public relations and advertising). The course will examine the impact these media have upon society and the impact society has upon them, explore the ethical and legal issues that impact modern media, and provide practical application in media creation. Fall and Spring.

JRNL 2510 NEWS WRITING AND REPORTING. 3 hours. Co-requisite: ENGL 1101 (or previous successful completion with a minimum grade of C). A study and practical application of basic news reporting, writing, editing, photojournalism, and design techniques for the print media. Fall.

JRNL 2610 Introduction to Broadcasting. 3 hours. Co-requisite: ENGL 1101 (or previous successful completion with a minimum grade of C). Introductory course to prepare students for television, radio and multimedia reporting. Students will learn to record video and audio, write for broadcast and edit completed video and audio reports. Spring.

JRNL 3125 WRITING FOR THE CONTEMPORARY MEDIA. 3 hours. This course examines the basics of writing styles employed by media professionals including news writing, copy writing for television and radio, commercial advertising copy, and promotions. Students will study processes of preparing, writing and editing copy, and they will complete practical applications of each. As needed.

MATH 0987 FOUNDATIONS FOR QUANTITATIVE REASONING. 3 hours. Emphasis is placed on those topics of beginning algebra and the fundamentals of basic algebra that directly support Quantitative Reasoning. Required for students scoring below an established minimum score on the Math Placement Index. Fall, Spring.

MATH 0989 FOUNDATIONS FOR COLLEGE ALGEBRA. 3 hours. Emphasis is placed on those topics of beginning algebra and the fundamentals of basic algebra that directly support College Algebra. Required of students scoring below an established minimum score on the Math Placement Index. Fall, Spring, Summer.

MATH 0997 SUPPORT OF QUANTITATIVE REASONING. 2 hours. Co-requisite: MATH 1001. Emphasis is placed on those topics of intermediate algebra followed by additional algebra topics that directly support Quantitative Reasoning. Required of students scoring below an established minimum score on the Math Placement Index. Fall, Spring.

MATH 0999 SUPPORT OF COLLEGE ALGEBRA. 2 hours. Co-requisite: MATH 1111. Emphasis is placed on those topics of intermediate algebra followed by additional algebra topics that directly support College Algebra. Topics include: real number operations on algebraic expressions, algebraic fractions, exponents and radicals, an introduction of logarithms and exponential functions and their properties, complex number operations, graphing equalities and inequalities. Required of students scoring below an established minimum score on the Math Placement Index. Fall, Spring, Summer.

MATH 1001 QUANTITATIVE REASONING. 3 hours. Prerequisite: Completion of or exemption from Foundations-level Learning Support Mathematics and exemption from or enrollment in the co-requisite Support-level Learning Support Mathematics. Three hours of lecture each week. This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take Pre-calculus or the Calculus sequences for mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will be likely to encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined. Topics include sets and set operations, logic, basic probability, data analysis, and algebraic modeling from data (including linear, quadratic, exponential and logarithmic models). Fall, Spring, Summer as needed.

MATH 1111 COLLEGE ALGEBRA. 3 hours. Prerequisite: Completion of or exemption from Foundations-level Learning Support Mathematics and exemption from or enrollment in the co-requisite Support-level Learning Support Mathematics. Three hours of lecture each week. This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions, their graphs and applications. Fall, Spring and Summer.

MATH 1112 TRIGONOMETRY. 3 hours. Prerequisite: MATH 1111 with a minimum grade of C or exemption from MATH 1111. Three hours of lecture each week. This course is an in-depth study of the properties of trigonometric functions and their inverses. Topics include circular functions, special angles, solutions of triangles, trigonometric identities and equations, graphs of trigonometric functions, inverse trigonometric functions and their graphs, Law of Sines, Law of Cosines, and vectors. Fall, Spring, Summer as needed.

MATH 1113 PRE-CALCULUS MATHEMATICS. 4 hours. Prerequisite: High School Trigonometry and MATH 1111 exemption; or High School Trigonometry and MATH 1111 with a minimum grade of C; or score on placement test. This course is designed to prepare students for calculus, physics, and related technical subjects. Topics include an intensive study of algebraic and transcendental functions and analytic geometry. Fall and Spring.

MATH 2000 STATISTICS. 3 hours. Prerequisite: MATH 1001 or MATH 1111 with a minimum grade of C or exemption. Three hours of lecture each week. An introduction to basic descriptive and inferential statistics. Includes measures of central tendency, variability and position; statistical graphs including the stem and leaf plot, box plot, dot plot, frequency polygon, histogram, circle graph, and give; confidence intervals, hypothesis testing, and other applications involving the binomial, normal, t, chi-square, and F-distributions; and correlation and regression analysis. The emphasis is on applications rather than on mathematical theory, and both calculator and computer techniques will be stressed. Fall, Spring, Summer as needed.

MATH 2008 FOUNDATIONS OF NUMBERS AND OPERATIONS. 3 hours. Prerequisite: MATH 1001, 1111, or 1113 with a minimum grade of C. This course is an Area F introductory mathematics course for early childhood education majors. This course will emphasize the understanding and use of the major concepts of numbers and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics. Credit for this course is excluded from Area D of the Core Curriculum, and excluded from any Career-Technological degree program. Fall, Spring and Summer.

MATH 2053 CALCULUS I. 4 hours. Prerequisite: MATH 1112 or MATH 1113 with a minimum grade of C, or score on placement test. Four hours of lecture/demonstration each week. A first course in the techniques and theory of the calculus. Topics include: limits, continuity, differentiation and integration, applications of the derivative and the integral. Fall, Spring, Summer as needed.

MATH 2054 CALCULUS II. 4 hours. Prerequisite: MATH 2053 with a minimum grade of C. Four hours of lecture/demonstration each week. Topics include further study of applications of derivative and integral, transcendental functions, polar coordinates, conic sections, infinite series. Fall and Spring.

MATH 2055 CALCULUS III. 4 hours. Prerequisite: MATH 2054 with a minimum grade of C. Four hours of lecture/demonstration each week. Topics in real-valued functions of several variables, including vector calculus, three-dimensional analytic geometry, partial differentiation, elementary linear algebra, vector spaces, three dimensional geometry, multiple integration and applications. Spring.

MATH 2208 INTRODUCTION TO LINEAR ALGEBRA. 3 hours. Prerequisite: Exemption from or successful completion of MATH 2053 with a minimum grade of C. Study of systems in linear equations, matrices, determinant, linear transformations, vector spaces, least squares, and eigenvectors and eigenvalues. Fall.

MATH 2403 DIFFERENTIAL EQUATIONS. 4 hours. Prerequisite: Exemption from or successful completion of MATH 2054 with a minimum grade of C. Methods for obtaining numerical and analytical solutions of elementary differential equations. Applications are also discussed with an emphasis on modeling. An introductory course in differential equations including Euler's method, first-order differential equations, systems of two first order equations, second-order linear equations, Laplace transform methods, systems of first-order equations, differential equations and stability, boundary value problems, eigenvalues and eigenfunctions, and the numerical solution of differential equations. Spring.

MGMT 3600 PRINCIPLES OF MANAGEMENT. 3 hours. Prerequisite: BUSA 1105 and BUSA 2106 or AECO 2200 with a minimum grade of C or BUSA 3106 simultaneous or permission of the Dean of the Stafford School of Business. This course will include a study of the managerial process with emphasis on the functions of management and the decision making process, as well as a detailed analysis of the vital functions of the manager. Current trends and issues related to the management process will also be examined. Fall.

MGMT 3610 OPERATIONS MANAGEMENT. 3 hours. Prerequisite: MATH 1111 with a minimum grade of C or permission of the Dean of the Stafford School of Business. Traditional, total quality, just-in-time, and constraints management philosophies applied to services and manufacturing. Operations management is the integration of these philosophies and takes a systems perspective to long-and short-range planning, scheduling, executing, controlling, and measuring operations and related functions in providing effective business processes to achieve organizational goals. Spring.

MGMT 3670 HUMAN RESOURCE MANAGEMENT. 3 hours. Prerequisite: ENGL 1102 with a minimum grade of C or permission of the dean of the school appropriate to the degree concentration. The recruitment, selection, development, utilization, and maintenance of human resources by organizations. Traditional management, total quality management, service management, human resource management focusing on designing, planning, scheduling, executing, controlling, and assessing personnel will be discussed. Formerly course number MGMT 4167. Fall and Spring.

MGMT 4000 LEADERSHIP and ETHICS. 3 hours. Prerequisite: COMM 1100 or COMM 1110 and POLS 1101 and ENGL 1102 or permission of the Dean of the Stafford School of Business. This course is intended to enable students to understand different types and theories of leadership styles and the effectiveness of each style in relation to decision-making. This course will also offer students an opportunity to understand their own leadership style and develop their own leadership development plan. Real world case studies will be utilized to explore ethics and impacts of leadership behavior. Fall.

MGMT 4190 STRATEGIC MANAGEMENT. 3 hours. Prerequisite: MGMT 3600, MGMT 3610, BUSA 3200 and MKTG 3800 with a minimum grade of C or permission of the Dean of the Stafford School of Business. The concepts in Strategic Management integrate the knowledge and skills students acquired in earlier courses so that they may apply them using the same multi-disciplinary perspective demanded of a general manager--irrespective of the industry or position students are targeting for employment or advancement. Through the combination of lectures, readings, case studies, and class participation, this course introduces students to the tools and vocabulary prerequisite to critical and effective strategic analysis, thinking, and communication. Spring.

MGMT 4260 SMALL BUSINESS MANAGEMENT. 3 hours. Prerequisite: ACCT 2101, AECO 2200, BUSA 3200 or FRSC 2290 with a minimum grade of C or permission of the Dean of the Stafford School of Business. Entrepreneurship and service sector performance and methods designed to improve service sector competitiveness. The service operations management decisions in service business in relation to productivity, quality, work force management, location, capacity, and the effect of new technologies will be discussed. Formerly course number MGMT 4166. Fall.

MGMT 4300 SELLING AND NEGOTIATING. 3 hours. Prerequisite: COMM 1100 or COMM 1110 with a minimum grade of C or permission of the Dean of the Stafford School of Business. Develop skills and strategy development for selling and negotiation. Study the psychology of selling and negotiations. Develop persuasive oral and written communication skills and their practical application to the basic principles of selling and negotiation. The study of production information and its presentation, determination of client/customer needs, buying motives, customer analysis, opportunities in selling and personality requirements of sales people. Spring.

MGMT 4400 FAMILY BUSINESS MANAGEMENT. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This course offers students the opportunity to explore, understand and develop plans for the unique challenges faced by family businesses. This course will explore areas such as business formation, growth and expansion, strategic management, professionalism, succession, location choices, family dynamics, conflicts and relationships relative to the business. Case studies will explore family business – both successful and not. The content of the course will include lectures, case studies, and group project work and presentations. Fall.

MGMT 4890/4891/4892 SPECIAL TOPICS IN MANAGEMENT. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue independent study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

MKTG 2175 PRINCIPLES OF MARKETING. 3 hours. Prerequisite: Completion or exemption from English Learning Support requirements. Principles and methods involved in the movement of goods and services from producer to consumer. Market institutions and functions are discussed. Special attention to problems encountered in managing the Marketing Mix. As needed.

MKTG 2176 ADVERTISING AND SALES PROMOTION. 3 hours. Prerequisite: Completion or exemption from English Learning Support requirements. Designed to acquaint students with all phases of sales promotion, advertising, display, direct mail, radio, and TV. Actual practice in developing material in accordance with modern technique. As needed.

MKTG 2177 PERSONAL SELLING. 3 hours. Prerequisite: Completion or exemption from English Learning Support requirements. Designed to develop persuasive oral communication skills and their practical application to the basic principles of selling. The study of product information and its presentation, determination of customer needs, buying motives, customer analysis, opportunities in selling and personality requirements of salespeople. As needed.

MKTG 3800 PRINCIPLES OF MARKETING. 3 hours. Prerequisite: AECO 2258 or ECON 2106 with a minimum grade of C or permission of the Dean of the Stafford School of Business. The ways organizations satisfy consumer and organizational needs and wants for products and services. Markets; buyer behavior; marketing research; segmenting, targeting, and positioning; and product, place, price, and promotional strategies. Concepts, strategies, applications, and marketing methods used to generate revenues in domestic and global settings. Fall and Spring.

MKTG 4890/4891/4892 SPECIAL TOPICS IN MARKETING. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue independent study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

MUSC 1001(A, B, C, D) SECONDARY PIANO (for non-keyboard Music majors). 1 hour. Basic, progressive proficiency in keyboard instruments. A weekly studio voice class for vocal majors only meets every Monday at 3:00 p.m. Students exit each section by satisfying proficiency barrier. Music Majors Only. Fall and Spring.

MUSC 1100 MUSIC APPRECIATION. 3 hours. An introduction to the basics of music and a study of masterpieces of music literature, as well as a brief overview of the history of music. This course is designed for those individuals who have little background or basic knowledge of music. Fall, Spring and Summer.

MUSC 1134 MUSIC THEORY I. 3 hours. Co-requisite: MUSC 1001. Pitch, meters, scales, modes, keys, intervals, triads and seventh chords, elementary diatonic harmony, composition of melody and bass lines. Students should already be proficient at reading music. Three lectures per week. Music Majors Only. Fall.

MUSC 1134L AURAL AND SIGHT-SINGING LAB I. 1 hour. A basic course in the aural perception and singing of intervals, scales, and triads. Special attention to application of these concepts as well as other musical parameters in the aural perception of a wide variety of literature. Music Majors Only. Fall.

MUSC 1135 MUSIC THEORY II. 3 hours. Prerequisite: MUSC 1134 with a minimum grade of C. Co-requisite: MUSC 1001. Continuation of written harmony through extended alteration of tertian harmony and modulation, secondary dominants; analysis and composition of simple musical forms. Music Majors Only. Spring.

MUSC 1135L AURAL AND SIGHT-SINGING LAB II. 1 hour. Prerequisite: MUSC 1134L with a minimum grade of C. Further study of intervals, scales, and triads, with special attention given to tonal music; developing the power to visualize, sing, and write music from dictation. Music Majors Only. Spring.

MUSC 1181(A, B) APPLIED MUSIC. 1 hour. One lesson a week in piano, organ, other instrument or voice. A weekly studio voice class for vocal majors only meets every Monday at 3:00 p.m. Designed for music students taking a secondary applied or students needing to satisfy a barrier required in their major applied. As needed.

MUSC 1182 (A, B) APPLIED MUSIC. 2 hours. One lesson a week with an advanced level of repertoire in piano, organ, other instrument, or voice. Designed for music students taking a principal applied. A weekly studio voice class for vocal majors only meets every Monday at 3:00 p.m. This hour long seminar provides essential practice in correct pronunciation, singing, and interpreting English, German, Italian, and French languages. Required concert attendance for all performances on campus each semester enrolled. Music Majors Only. Fall and Spring.

MUSC 2080 CONCERT BAND. 1 hour. Open to students who have been a member of a junior or senior high school band. Fall and Spring.

MUSC 2090 CONCERT CHOIR. 1 hour. Open to students who have been a member of a school or church choir. Fall and Spring.

MUSC 2234 MUSIC THEORY III. 3 hours. Prerequisite: MUSC 1135 with a minimum grade of C. Co-requisite: MUSC 1001. Melodic and harmonic material, analysis of small forms (binary and ternary) and larger forms (two and three part invention and fugue) with harmonic analysis involving primary and secondary chords and including chromaticism and modulation; altered chords and their functions. Music Majors Only. Fall.

MUSC 2234L AURAL AND SIGHT-SINGING LAB III. 1 hour. Prerequisite: MUSC 1135L with a minimum grade of C. An advanced course with emphasis upon advanced sight singing, advanced interval recognition, advanced chord progressions, modal applications, transcription with melodic and rhythmic dictation. Music Majors Only. Fall.

MUSC 2235 MUSIC THEORY IV. 3 hours. Prerequisite: MUSC 2234 with a minimum grade of C. Co-requisite: MUSC 1001. Neapolitan and augmented chords, chromatic chord forms (chromatic mediants, altered dominant, and borrowed chords), advanced modulation, advanced forms (theme and variations, rondo and sonata-allegro), contemporary techniques, including extended chords, quartal and secondary harmony, twelve-tone rhythmic devices with analyzation of works by such composers as Wagner, Debussy, Schoenberg, and Stravinsky; compositions written using these works as models. Music Majors Only. Spring.

MUSC 2235L AURAL AND SIGHT-SINGING LAB IV. 1 hour. Prerequisite: MUSC 2234L with a minimum grade of C. An advanced course with emphasis upon advanced sight singing, advanced interval recognition, advanced chord progressions, modal applications, transcription with melodic and rhythmic dictation and the perception of simple forms and modulations. Music Majors Only. Spring.

MUSC 2281(A, B, C, D, E, F) APPLIED MUSIC. 1 hour. One lesson a week in piano, organ, other instrument or voice. A weekly studio voice class for students who major in vocal performance only meets every Monday at 3:00 p.m. Designed for music students taking a secondary applied. Fall and Spring.

MUSC 2282(A, B, C, D, E, F) APPLIED MUSIC. 2 hours. One lesson a week in piano, organ, other instrument, or voice. Designed for music students taking a principal applied. A weekly studio voice class for students who major in vocal performance only meets every Monday at 3:00 p.m. This hour long seminar provides essential practice in correct pronunciation, singing, and interpreting English, German, Italian, and French languages. Required concert attendance for all performances on campus each semester enrolled. Music Majors Only. Fall and Spring.

MUSC 2287 JAZZ CHOIR. 1 hour. Open to students who are a member of the chorus and who qualify. Fall and Spring.

MUSC 2290 JAZZ ENSEMBLE. 1 hour. Open to students who are a member of the concert band and who qualify. Gives students the opportunity to experience all types of jazz musical styles (blues, swing, rock, and improvisation) through the actual playing of instruments in a small ensemble. Audition required. Fall and Spring.

MUSC 2291 SMALL GROUP ENSEMBLE. 1 hour. Open to students who sing or suitably play a musical instrument. Audition Required. Fall and Spring.

MUSC 2292 JAZZ COMBO. 1 hour. Open to any student who can sing or suitably play a musical instrument. Audition Required. Fall and Spring.

MUSC 4300 AMERICAN POPULAR MUSIC: A MULTICULTURAL STUDY. 3 hours. Designed to study America's two-hundred years of music history: the traditions of African-American roots in the creation of Country music in America, European American traditions, Latin Music in America, Native American and Asian influences. A survey of modern jazz as well as folk music to hip-hop will be included. Fall.

MUSC 4890/4891/4892 SPECIAL TOPICS IN MUSIC. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

NURS 1108 NURSING I- FUNDAMENTALS. 6 hours. Co-requisite: NURS 1109. This course is a study of the concepts and psychomotor skills that provide the foundation for nursing theory and practice. A major focus is on the utilization of the nursing process to care for patients from young adulthood through later maturity who require assistance in meeting physiological and psychosocial needs. Lecture/Lab/Clinical (4-2-4). Fall and Spring.

NURS 1109 NURSING II- HEALTH & PHYSICAL ASSESSMENT. 3 hours. Co-requisite: NURS 1108. This course is a study of the basic skills that provide the foundation for nursing assessment. The major focus of this course is on physical assessment of all body systems. Nutritional and psychosocial assessment is included. Lecture/Lab (3-1-0). Fall and Spring.

NURS 1110 NURSING III- MEDICAL/SURGICAL ONE. 6 hours. Prerequisite: NURS 1108 & 1109 with a minimum grade of C. This course is a study of the perioperative patient and patients with gastrointestinal, musculoskeletal, respiratory, cardiovascular, immunological, neurological, and psychosocial health alterations. The major focus of this course is on utilization of the nursing process to care for patients experiencing these health alterations. Lecture/Lab/Clinical (4-1-5). Fall and Spring.

NURS 2207 NURSING V- MEDICAL/SURGICAL TWO. 6 hours. Prerequisite: NURS 1110 and BIOL 2050/BIOL 2050L with a minimum grade of C. Co-requisite: NURS 2208. This course is a study of patients with cardiovascular, endocrine, gastrointestinal, genitourinary, immunological, neurological, and psychosocial health alterations. The major focus of this course is on utilization of the nursing process to care for patients experiencing these health alterations. Lecture/Clinical (4-0-6). Fall and Spring.

NURS 2208 NURSING VI- MATERNAL-CHILD & WOMEN'S HEALTH. 4 hours. Prerequisite: NURS 1110, and BIOL 2050/BIOL 2050L with a minimum grade of C. Co-requisite: NURS 2207. This course is a study of female patients from adolescence through later maturity and newborn infants. The major focus of this course is on utilization of the nursing process to care for maternity patients, newborn infants and patients experiencing health alterations specific to females. Lecture/Clinical (3-0-3). Fall and Spring.

NURS 2209 NURSING VII- PEDIATRICS. 4 hours. Prerequisite: NURS 2207 & 2208 with a minimum grade of C. Co-requisite NURS 2210. This course is a study of the nursing care of culturally diverse pediatric patients from infancy through adolescence with an emphasis upon wellness and health alterations. The major focus of this course is on the utilization of the nursing process to satisfy the wellness, physiological, and psychosocial needs of pediatric patients. Lecture/Clinical (3-0-3). Fall and Spring.

NURS 2210 NURSING VIII- MEDICAL/SURGICAL THREE. 6 hours. Prerequisite: NURS 2207 & 2208 with a minimum grade of C. Co-requisite: NURS 2209. This course is a study of patients with cardiovascular, endocrine, genitourinary, immunological, neurological, integumentary, musculoskeletal, respiratory, and psychosocial health alterations. The major focus of this course is on utilization of the nursing process to care for patients experiencing complex and/or multiple health alterations. Lecture/Clinical (4-0-6). Fall and Spring.

NURS 1109B NURSING I- HEALTH & PHYSICAL ASSESSMENT. 3 hours. Co-requisite: NURS 1115B. A study of the basic skills that provide the foundation for nursing assessment. The major focus of this course is on physical assessment of all body systems. Nutritional, psychosocial and community assessment are included. Labs build on students' prior knowledge and experience of physical assessment. Lecture/Lab (3-1-0). Spring and Summer.

NURS 1115B NURSING II- TRANSITION TO ASSOCIATE DEGREE NURSING. 3 hours. Co-requisite: NURS 1109B. The major focus of this course is on role transition and selected concepts from nursing courses offered during the first year of nursing. It fosters matriculation into the second year of the Associate in Science in Nursing Program. The clinical and skills lab experience builds on prior healthcare experience and involves a community project. Lecture/Lab/Clinical (3-1-2). Spring and Summer.

NURS 2207B NURSING III- MEDICAL/SURGICAL TWO. 6 hours. Prerequisite: NURS 1109B, NURS 1115B & BIOL 2050/BIOL 2050L with a minimum grade of C. Co-requisite: NURS 2208B. This course is a study of patients with cardiovascular, endocrine, genitourinary, immunological, neurological, and psychosocial health alterations. The major focus of this course is on utilization of the nursing process to care for patients experiencing these health alterations. Clinical activities build on prior healthcare experience and incorporate a community project follow-up. Lecture/Lab (4-0-6). Fall and Summer.

NURS 2208B NURSING IV- MATERNAL-CHILD & WOMEN'S HEALTH. 4 hours. Prerequisite: NURS 1109B, NURS 1115B & BIOL 2050/BIOL 2050L with a minimum grade of C. Co-requisite: NURS 2207B. This course is a study of female patients from adolescence through later maturity and newborn infants. The major focus of this course is on utilization of the nursing process to care for maternity patients, newborn infants and patients experiencing health alterations specific to females. A project involving cultural implications is included. Lecture/Lab (3-0-3). Fall and Summer.

NURS 2209B NURSING V- PEDIATRICS. 4 hours. Prerequisite: NURS 2207B & 2208B with a minimum grade of C. Co-requisite NURS 2210B. This course is a study of the nursing care of culturally diverse pediatric patients from infancy through adolescence with an emphasis upon wellness and health alterations. The major focus of this course is on the utilization of the nursing process to satisfy the wellness, physiological, and psychosocial needs of pediatric patients. Clinical experience incorporates preceptorships along with instructor guided activities. Lecture/Clinical (3-0-3). Fall and Spring.

NURS 2210B NURSING VI- MEDICAL/SURGICAL THREE. 6 hours. Prerequisite: NURS 2207B & 2208B with a minimum grade of C. Co-requisite: NURS 2209B. This course is a study of patients with cardiovascular, endocrine, genitourinary, immunological, neurological, integumentary, musculoskeletal, respiratory, and psychosocial health alterations. The major focus of this course is on utilization of the nursing process to care for patients experiencing complex and/or multiple health alterations. Clinical experience incorporates preceptor experiences and includes evaluation of community project. Lecture/Clinical (4-0-6). Fall and Spring.

PADM 3500 INTRODUCTION TO PUBLIC ADMINISTRATION. 3 hours. This is an introduction and survey course into the field of Public Administration, focusing on its history, how public sector administration differs from private-sector management, and provides the basic core principles of public administration with emphasis on leadership, public finance, human resource management, policy and project development and oversight, and administrative law. As needed.

PADM 3520 PUBLIC FINANCE ADMINISTRATION. 3 hours. This course is an introduction to public finance, and will focus on the differences between public and private sector financial theories, structures, and processes. Students will be introduced to the history and development of public financial systems, budget processes, legal, ethical, and political issues in obtaining and utilizing public funds, sources of public revenues, expenditures, and accountability of public finance administrators. A specific focus will be on state and local public finances and examination of rural development projects. As needed.

PADM 4320 ORGANIZATIONAL THEORIES. 3 hours. This course focuses on the development and practice of Public Administration in America by focusing on the key scholars, leaders, their concepts, methodologies, and politics which have influenced and in turn have been influenced by them. As needed.

PHED 1000 ADAPTIVE PHYSICAL EDUCATION I. 1 hour. Medical release and physician's verification of physical limitations are required. The course includes screening and assessment to provide individualized programming. The needs of students will be used to establish a personalized training program.

PHED 1001 ADAPTIVE PHYSICAL EDUCATION II. 1 hour. Medical release and physician's verification of physical limitations are required. This course is a continuation of Adaptive Physical Education I.

PHED 1100 HEALTH & WELLNESS. 2 hours. Designed to provide students with knowledge of current health problems including physical fitness, nutrition, major diseases, and to encourage application of this knowledge for healthful living.

PHED 1104 TENNIS. 1 hour. A beginning course designed to teach the basic fundamentals of tennis. Rules and strategy will be emphasized. Students are required to furnish their own tennis rackets.

PHED 1106 VOLLEYBALL. 1 hour. Designed to teach the basic skills, strategy and rules. Skills include the different volleys, serving, spiking and blocking.

PHED 1115 AEROBICS. 1 hour. A course designed to develop cardio-respiratory fitness, muscle strength, muscle endurance, and flexibility through the use of various modes of exercise.

PHED 1116 AEROBICS II. 1 hour. This course is designed to teach and apply the principles of lifetime physical fitness, directly utilizing four of the five major components of cardio-respiratory endurance, muscular strength, muscular endurance, and flexibility through the use of various modes of exercise. Indoor and outdoor settings will be used to demonstrate how physical fitness and health can be supported in a variety of contexts.

PHED 1120 CHALLENGE COURSE. 1 hour. A class designed to enhance students' physical fitness through participation in but not limited to cardio games, group initiatives, and individual challenges. Students will develop a game portfolio and make a group initiative. This course is highly recommended for Education majors.

PHED 1121 YOGA I. 1 hour. A course designed to increase stamina and flexibility and reduce stress through instruction in the various styles and techniques of yoga.

PHED 1122 YOGA II. 1 hour. Prerequisite: PHED 1121 with a minimum grade of C. A continuation of Yoga I with the addition of more challenging asanas (poses), pranayama (breathing), meditation and relaxation techniques and more in-depth study into the history and philosophy of yoga.

PHED 1123 FITNESS FOR LIFE WEIGHT TRAINING. 1 hour. A course designed for students interested in improving strength, power, and physical fitness by the use of free weights and weight machines.

PHED 1124 FITNESS FOR LIFE JOGGING. 1 hour. A class designed for the development of skills and strategy in jogging. Students will participate in an exercise program designed to improve cardio respiratory endurance as well as learning basic principles and mechanics. Note: This course is not a walking class.

PHED 1125 FITNESS FOR LIFE WALKING. 1 hour. A class designed to provide instruction and skill development in fitness walking. The primary focus of the class will be on the enhancement of cardiorespiratory fitness, muscular endurance, and flexibility.

PHED 1126 FITNESS FOR LIFE PERSONAL CONDITIONING. 1 hour. A fitness class designed to improve cardiorespiratory fitness, muscular endurance, muscular strength and flexibility through endurance exercise, resistance training, and stretching.

PHED 1130 FITNESS FOR LIFE WATER AEROBICS. 1 hour. A water aerobics class which enhances fitness levels through jogging, calisthenics, and resistance training.

PHED 1135 RECREATIONAL GAMES. 1 hour. A course designed to enhance students' physical fitness through participation in various recreational games and sports, such as soccer, team handball, volleyball, and horseshoes.

PHED 1137 FITNESS FOR LIFE SWIMMING. 1 hour. This class encompasses instruction in the crawls, side strokes, elementary back stroke, breast stroke, and basic safety and rescue skills. This course is not for the non-swimmer.

PHED 1139 GOLF II. 1 hour. Intermediate Golf. Prerequisite: PHED 1141 with a minimum grade of B or a 15 or less handicap. A course designed to help students apply the basic skills learned in PHED 1141 for successful scoring and enjoyment of the game. Further concentration in understanding rules and etiquette will be emphasized. Class is held at Forest Lakes Golf Course. *Students must provide their own transportation to and from the course.*

PHED 1140 BADMINTON. 1 hour. A beginning course designed to teach the basic fundamentals of badminton. Rules and strategy will be emphasized. Students are required to furnish their own badminton rackets.

PHED 1141 GOLF I. 1 hour. A course which covers basic fundamental skills in golf. Its purpose is to provide students with a working knowledge of the game. Lecture classes will cover terminology, rules and etiquette. Practical classes will include driving, chipping and putting. Class is held at Forest Lakes Golf Course. *Students must provide their own transportation to and from the course.*

PHED 1145 FRISBEE SPORTS. 1 hour. A class designed to provide students with basic knowledge of rules, techniques, and strategies of various Frisbee activities and games.

PHED 1150 COUNTRY/WESTERN LINE DANCE I. 1 hour. Designed to impart knowledge and skill in country/western line dancing. Classes cover terminology and movements used in various line dances.

PHED 1151 COUNTRY/WESTERN LINE DANCE II. 1 hour. Prerequisite: PHED 1150 Country/Western Line Dance I with a minimum grade of C. Classes cover terminology and movements used in various line dances.

PHED 1155 SOCCER. 1 hour. Designed to provide students with a working knowledge of soccer through physical conditioning, skill development, and the development of competitive strategies.

PHED 1160 BOWLING. 1 hour. A course designed for students interested in developing the basic fundamentals of bowling. Skill instruction will cover approach and delivery, strikes, and spares. Classroom instruction will cover scoring and rules. Classes meet at the Tift County Lanes. Students must provide their own transportation to and from the lanes. **Additional fee required.**

PHED 1170 FIELD EXPERIENCE. 1 hour. Practical experience through shadowing an ABAC physical education instructor. Students are required to teach a lesson and keep a daily journal of class activities. *For physical education majors only. Registration for this class is completed in the HPER Division Office.*

PHED 1175 FIRST AID AND CPR. 2 hours. A non-healthcare provider course designed to teach those with limited or no medical training the skills needed to recognize and respond to respiratory and cardiac emergencies, to reduce pain, and to minimize the consequences of injury or sudden illness in the first few minutes after an incident until professional help arrives. All successful students will have the option to receive a basic first aid/ CPR certification card for an additional fee that is determined by the certifying body. This course satisfies one of the two physical education activity requirements.

PHED 1176 FIRST AID AND CPR FOR MEDICAL PROFESSIONALS. 2 hours. A course designed to teach the skills needed for non-layperson responders to respond to respiratory and cardiac emergencies, to reduce pain, and to minimize the consequences of injury or sudden illness until professional help arrives. This course prepares students to pursue first aid and CPR certification for medical professionals by satisfying all of the requirements set forth by the certifying body. PHED 1176 counts for one PE activity course. (Health requirement not satisfied by this course.)

PHED 1180 VARSITY SPORTS I. 1 hour. A course restricted to varsity athletes only in their sport of participation. Student athletes practice daily during the season. This course offers development of skills and personal potential for student athletes interested in improving their performance or preparing for further competition at the upper collegiate level. *Registration for this class is completed by the coach.*

PHED 1190 VARSITY SPORTS II. 1 hour. A continuation of Varsity Sports I. A course restricted to varsity athletes only in their sport of participation. Student athletes practice daily during the season. This course offers development of skills and personal potential for student athletes interested in improving their performance or preparing for further competition at the upper collegiate level. *Registration for this class is completed by the coach.*

PHSC 1011 PHYSICAL SCIENCE I. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements and MATH 1001 or 1111 with a minimum grade of C or exemption. Co-requisite: PHSC 1011L. Three hours of lecture each week. A survey course covering physics concepts at an algebra level. Topics covered will include Newton's Laws, conservation of momentum and energy, wave motion, thermodynamics, electricity and magnetism. Fall, Spring, and Summer as needed.

PHSC 1011L PHYSICAL SCIENCE I LABORATORY. 1 hour. One two-hour laboratory period each week to accompany PHSC 1011. Fall, Spring, and Summer as needed.

PHSC 1012 PHYSICAL SCIENCE II. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Co-requisite MATH 1001 or 1111; PHSC 1012L. Three hours of lecture each week. A survey course of introductory chemical principles covering measurement, atomic theory, chemical equations, general types of chemical reactions, and equilibrium. Emphasis will be placed on how chemistry impacts everyday life. Spring and Summer as needed.

PHSC 1012L PHYSICAL SCIENCE II LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHSC 1012. Spring and Summer as needed.

PHYS 1111 INTRODUCTORY PHYSICS I. 3 hours. Prerequisite: Co-requisite: PHYS 1111L. Prerequisite: MATH 1112 or MATH 1113 with a minimum grade of C. Three hours of lecture and one hour of recitation each week. An introductory course which will include material from mechanics, thermodynamics, and waves. Elementary algebra and trigonometry will be used. Not open to students with credit for PHYS 2211. Fall and Summer as needed.

PHYS 1111L INTRODUCTORY PHYSICS I LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHYS 1111. Fall and Summer as needed.

PHYS 1112 INTRODUCTORY PHYSICS II. 3 hours. Co-requisite: PHYS 1112L. Prerequisite: PHYS 1111/PHYS 1111L with a minimum grade of C. Three hours of lecture and one hour of recitation each week. An introductory course which will include material from electromagnetism, optics, and modern physics. Elementary algebra and trigonometry will be used. Not open to students with credit for PHYS 2212. Spring.

PHYS 1112L INTRODUCTORY PHYSICS II LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHYS 1112. Spring.

PHYS 2211 PRINCIPLES OF PHYSICS I. 3 hours. Prerequisite: MATH 2053 with a minimum grade of C. Co-requisite: PHYS 2211L. Three hours of lecture and one hour of recitation each week. An introductory course which will include material from mechanics, thermodynamics, and waves. Elementary differential calculus will be used. Not open to students with credit for PHYS 1111. Fall.

PHYS 2211L PRINCIPLES OF PHYSICS I LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHYS 2211. Fall

PHYS 2212 PRINCIPLES OF PHYSICS II. 3 hours. Co-requisite: PHYS 2212L. Prerequisite: PHYS 2211 and PHYS 2211L with a minimum grade of C. Three hours of lecture and one hour of recitation each week. An introductory course which will include material from electromagnetism, optics, and modern physics. Elementary differential and integral calculus will be used. Not open to students with credit for PHYS 1112. Spring.

PHYS 2212L PRINCIPLES OF PHYSICS II LABORATORY. 1 hour. One three-hour laboratory period each week to accompany PHYS 2212. Spring.

PNUR 1104 PHARMACOLOGY FOR HEALTH PROFESSIONS. 2 hours. A study of the concepts that promote the administration of medication with concern for safety and precision. Incorporated into this course are major principles of mathematics including fractions, decimals, conversions between the various systems of weights and measures, and the use of ratio and proportion. Foundations of pharmacology, drug action at the physiology level, and drug preparation and administration to culturally diverse clients throughout the lifespan is included. Information related to the classification of drugs according to the body systems is discussed. Fall, Spring and Summer.

PNUR 1911 CONCEPTS ENRICHMENT. 2 hours. Prerequisite: NURS 1108 and NURS 1109 with a minimum grade of C. This course is designed to assist students to master critical concepts taught in the first two semesters of nursing. Health and physical assessment, health promotion, growth and development, basic nutrition and diet therapy, diagnostic studies, nursing fundamentals and style exam questions and computer assisted tutorials. Fall and Spring.

PNUR 1912 COMPREHENSIVE CONCEPT ENRICHMENT INDEPENDENT STUDY. 4 hours. Prerequisite: NURS 2209/2209B, NURS 2210/2210B with a minimum grade of C. Co-requisite: SCIE 1003 strongly encouraged. This course is designed to assist students to master major nursing concepts from all the courses in the nursing curriculum. Client need categories and the integrated processes identified by the NCLEX-RN test plan provide the framework for this course. Client need categories include safe, effective care environment, health promotion and maintenance, psychosocial integrity and physiological integrity. Integrated processes include the nursing process, caring, communication, documentation and teaching and learning. Spring and Summer.

POLS 1101 AMERICAN GOVERNMENT. 3 hours. An introductory course covering the essential facts of federal, state, and local governments in the United States. The origin, development, organization, and practices of national and state governments will be examined. This course satisfies state law requiring examination on Georgia and United States Constitutions. Fall, Spring and Summer.

POLS 1101H AMERICAN GOVERNMENT (HONORS). 3 hours. An introductory course covering the essential facts of federal, state, and local governments in the United States. The origin, development, organization, and practices of national and state governments will be examined. This course is taught as a seminar and emphasizes greater student interaction. This course satisfies state law requiring examination on Georgia and United States Constitutions. Spring.

POLS 2101 INTRODUCTION TO POLITICAL SCIENCE. 3 hours. An introduction to the overall discipline of political science as a field of inquiry. The course surveys the various sub-fields of political science, including American, political philosophy, comparative politics, public administration, and international politics. Fall and Spring.

POLS 2201 STATE AND LOCAL GOVERNMENT. 3 hours. An examination of the organization and functions of the state and its political subdivisions. Emphasis is given to the state and local governments of Georgia. Spring.

POLS 2210 AMERICAN CONSTITUTIONAL LAW. 3 hours. Prerequisite: POLS 1101 with a minimum grade of C. Surveys development of American constitutional law from a political and historical perspective using case-analysis approach. Includes the courts and judicial review, authority of Congress in fields of commerce and taxation, Eminent Domain, authority of the president and federal-state relations. Fall.

POLS 2401 GLOBAL ISSUES. 3 hours. An examination of current global issues. Topics will include environmental, demographic, economic, and security concerns at the international level. An emphasis will be placed on the relevance of these global issues to the citizens of the state of Georgia. Fall and Spring.

POLS 3050 RURAL POLITICAL DEVELOPMENT IN AMERICA (RPD). 3 hours. This course surveys the dynamics and influence of rural politics in the United States as they have developed overtime. Through the examination of historical political accounts, RPD seeks to explain national policy outcomes and current political puzzles as affected by agricultural interests present in the South and Midwest. Topics include how these agricultural interests shaped the Founding, political institutions (such as the Presidency, Congress, and Courts), the Civil War, the Populist/Progressive movement, the New Deal Era, and contemporary American politics. The course emphasizes student interaction and activity. As needed.

POLS 3060 RURAL POLITICAL DEVELOPMENT: FOUNDATIONS OF THE MODERN WORLD. 3 hours. This course examines the process by which political theories of pre-industrialized societies have shaped social thought and institutional development across the globe. Course content focuses on political thought from its classical foundations to the birth of modern constitutional governance and economic structures. Texts to be explored include those from Plato, Aristotle, Cicero, Epictetus, Augustine, Machiavelli, Hobbes, and Locke. This course is global in its perspective; as such, special topics include readings from eastern and other non-traditional philosophies. The purpose of this course is to engage those pre-industrial political ideas that inform the foundations of contemporary governmental institutions and our present understanding of the world. As needed.

POLS 3065 PRINCIPLES OF POLITICAL THOUGHT: FROM AGRARIAN TO COSMOPOLITAN. 3 hours. This course examines the modern political theories that have shaped social thought and institutional development across the globe. Course content focuses on political thought in the transition from an agriculturally grounded society, to that of a cosmopolitan politics defined by transnational industrialization. Texts to be explored include those from Rousseau, Smith, Burke, Madison, Nietzsche, Marx, and Weber. This course is global in its perspective; as such, special topics include readings from social and economic critics, feminist writings, and contemporary democratic philosophies from thinkers across the globe. The purpose of this course is to engage those modern political ideas that inform our present understanding of social and economic problems in today's world. As needed.

POLS 3570 INTRODUCTION TO PUBLIC POLICY. 3 hours. This is an introductory course to public policy. The course provides an examination of theoretical and practical approaches to public policymaking and administration, and focuses analysis on the essential steps in the public policy process as well as on the roles played by key actors at all levels of government. The policy making environment is examined, with attention given to the stages of policy making process from agenda setting, formation, budgeting and adoption, to implementation and policy impacts. A focus is also placed on understanding various policy debates including: education policy, economic policy, energy, welfare, healthcare, environment, crime control, immigration, abortion, and tax reform, etc. The course addresses other substantive issues impacting contemporary public policy and stresses the importance of understanding various methods of policy analysis. It looks at the evolution of modern government policies at both federal and state levels. As needed.

POLS 4080 POLITICAL COMMUNICATION. 3 hours. A course on the communication of politics. Its primary objective is to introduce students to the ideas and hypotheses on government and media strategies that have shaped political thought in the United States by considering the origins and purposes of political communication as argued by great political thinkers of the past, conducting an in-depth investigation of the media's view of politics and its perceived role in the political process, and investigating how politicians view the media and the communication strategies they use to persuade/manipulate the voting public. The course foci are presidential, congressional, and local electoral activities in American politics. Students will learn basic methodological tools necessary to perform research in political communication and then conduct original research in the field. As needed.

POLS 4350 FUNDAMENTALS OF INTERNATIONAL RELATIONS. 3 hours. This course introduces students to the fundamental principles and key theories that have shaped and guided the international system over many decades, and to the most salient themes in international relations; including the problems of war and peace, conflict and cooperation, population growth, and human rights. It also examines various paradigms and major theoretical tools used to study international politics including positivism, behavioralism, and traditionalism. Attention is focused on several prominent security issues in modern international relations, such as the cold war and post-cold war world, nuclear weapons, nationalism, and emergence of terrorism as a major force. Additionally, the course examines economic aspects of international relations, such as globalization, world trade, environmental pollution and other international issues. It focuses analysis on various geo-economic disputes over trade, investments, immigration, deforestation, foreign aid, drug smuggling, and technology transfer. As needed.

POLS 4890/4891/4892 SPECIAL TOPICS IN POLITICAL SCIENCE. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

PSYC 1101 INTRODUCTION TO GENERAL PSYCHOLOGY. 3 hours. A broad survey of the major topics in psychology including, but not limited to, research methodology, biological and social factors influencing behavior, development, learning, memory, personality, and abnormal behavior/therapy.

PSYC 2101 INTRODUCTION TO THE PSYCHOLOGY OF ADJUSTMENT. 3 hours. An introductory examination of the applied psychological theory and research concerning mental health and well-being. Personal application is stressed.

PSYC 2103 HUMAN GROWTH AND DEVELOPMENT. 3 hours. An introductory, non-laboratory based examination of human development across the life span with an emphasis on normal patterns of physical, cognitive, and social development.

PSYC 2201 INTRODUCTION TO ABNORMAL BEHAVIOR. 3 hours. Prerequisite: PSYC 1101 with a minimum grade of C. An introduction to clinical procedures involved with assessing, diagnosing, treating and anticipating treatment outcomes for persons with identifiable mental disorders. While the course is text-oriented and based in the vocabulary of the Diagnostic and Statistical Manual of Mental Disorders, students will also be expected to apply theoretical constructs to case studies.

PSYC 3000 PSYCHOLOGY IN THE RURAL COMMUNITY. 3 hours. This course provides students with an overview of issues affecting the behavior and mental processes of the individual living and/or working in the rural community. Including: identification of strengths and stressors associated with rural life and barriers to service providers in the rural setting. Students will gain the ability to assess the resources and needs of rural communities and explore ways to fill those needs.

PSYC 4150 PSYCHOLOGY OF THE WORKPLACE. 3 hours. This course will provide a critical examination of people in the workplace. It is designed to be a survey class and covers a wide range of traditional and contemporary topics in the field of industrial-organizational (I-O) psychology. The course will explore topics such as employee attitudes, personnel selection, placement, training, work motivation, job satisfaction, leadership, teamwork, and work-family balance. This course focuses both on understanding the psychological bases of work behavior and on the organizational practices used to create a good fit between people's characteristics and work's demands.

PSYC 4250 RURAL EXPERIENCES WITH RACE, CLASS, GENDER AND SEXUALITY. 3 hours. Offers an exploration of the intersections of race, class, gender, and sexual identity within rural settings. A central focus will be developing an understanding of how systems of oppression reinforce each other and intersect to create an overall matrix of domination. Four different systems of oppression will not only be studied; rather, an exploration of how lives are shaped by various combinations of these target and agent groups. The course prepares students to make sense of a world in which these social constructions significantly shape the human experience. Course content introduces students to the social, psychological, relational, linguistic, and institutional mechanisms that support oppression as well as interventions aimed at transforming oppressive systems.

PSYC 4890/4891/4892 SPECIAL TOPICS IN PSYCHOLOGY. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor.

RELG 1100 INTRODUCTION TO WORLD RELIGIONS. 3 hours. A survey and comparison of the beliefs, practices, traditions, history, and modern developments of the basic world religions, including Christianity, Islam, Judaism, Buddhism, and Hinduism. Fall and Spring.

RELG 3000 RELIGION IN RURAL AMERICA. 3 hours. This course is an introduction to the study of religious beliefs and customs in its various forms of rural America in the major regions of the United States. An emphasis will be placed on the role of the church in rural America from the early westward movement through the present day, the specific movements, doctrines, ideologies, and individuals and their impact on American religion, history, society and culture. Spring.

RELG 4890/4891/4892 SPECIAL TOPICS IN RELIGION. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

RLST 3000 INTRODUCTION TO RURAL STUDIES. 3 hours. This course is an introduction to the essential ideologies surrounding the field of Rural Studies, providing students with a survey of pertinent work by major scholars in the field, the various areas of study within the discipline, and an introduction to fundamental research methods applicable to the study of rural spaces. Fall and Spring.

RLST 3050 PRACTICAL APPLICATIONS IN COMMUNITY ORGANIZATIONS. 3 hours. This course is designed to expose students to the practical considerations in administration of community-based organizations. It will increase students' understanding of the governance, planning, funding, fiscal oversight and relationship building necessary in any successful community agency. The course will highlight tools and strategies used to create and/or sustain such an organization in a rural setting. As needed.

RLST 3060 RESEARCH METHODS. 3 hours. This course will provide students with an overview of research methods emphasizing critical thinking and practice and understanding the principles of empirical theory. This course will explore the foundations of research methods and elaborate on topics such as: quantitative research methods, experiments, measurement, sampling, survey research, quantitative data analysis, and statistical analysis. It is recommended that students complete MATH 2000 Statistics.

RLST 3065 COMMUNITY RESEARCH METHODS. 3 hours. This course will provide students with an overview of research methods emphasizing critical thinking and application in community context. This course will explore the foundations of research methods and elaborate on topics such as: funding research, qualitative research methods, case study, mixed methods research, evaluation research, cultural competency, qualitative data analysis, and dissemination strategies. These concepts and methods will be taught through the lens of community and participatory action research models. It is recommended that students complete MATH 2000 Statistics.

RLST 3070 ISSUES IN RURAL HEALTH. 3 hours. This course provides students with an overview of rural health issues including physician shortages, the development of health care systems, health insurance, telemedicine and others. Students will gain both a historical and political perspective on the issues as well as examine the various approaches to rural health over the last century. Spring.

RLST 4020 PROPOSAL AND GRANT WRITING. 3 hours. Grant and proposal writing skills offer a competitive edge for job-seekers across many disciplines. Grounded in the interplay of education, government, and non-profits, this workplace writing course concentrates on formal documents, specifically proposals, grants, and reports found in a variety of organizations. Students engage in service learning with community partners to enhance practical application of course concepts. Fall.

RLST 4790(A, B, C) RURAL STUDIES INTERNSHIP. 3 hours. This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of concentration within the Rural Studies major. Internships are supervised by a faculty member. Students and the employer/supervisor must complete additional paperwork (submitted as a final portfolio) as part of the Internship process, to include a project plan that details students goals, work hours, responsibilities, expected outcome; a summative evaluation by the supervisor; and an experiential report from students. Fall, Spring and Summer.

RLST 4791 RURAL STUDIES INTERNSHIP. 6 hours. This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of concentration within the Rural Studies major. Internships are supervised by a faculty member. Students and the employer/supervisor must complete additional paperwork (submitted as a final portfolio) as part of the Internship process, to include a project plan that details students goals, work hours, responsibilities, expected outcome; a summative evaluation by the supervisor; and an experiential report from students. Fall, Spring and Summer.

RLST 4792 RURAL STUDIES INTERNSHIP. 9 hours. This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of concentration within the Rural Studies major. Internships are supervised by a faculty member. Students and the employer/supervisor must complete additional paperwork (submitted as a final portfolio) as part of the Internship process, to include a project plan that details students goals, work hours, responsibilities, expected outcome; a summative evaluation by the supervisor; and an experiential report from students. Fall, Spring and Summer.

RLST 4890/4891/4892 SPECIAL TOPICS IN RURAL STUDIES. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor. As needed.

RLST 4980 CAPSTONE SEMINAR: SENIOR PROJECT. 3 hours. This seminar places special emphasis on rural communities' abilities to address the forces that are transforming and impacting community viability and well-being. Students may examine contemporary economic, social, cultural, or political issues affecting rural societies. Students will be expected to develop a business plan for a business of their choosing or to design a substantial writing/communication project appropriate to their individual career goals. All projects must have approval of the instructor and the major advisor. Seniors only. Fall and Spring.

RLST 4990 CAPSTONE SEMINAR. 3 hours. This seminar places special emphasis on rural communities' abilities to address the forces that are transforming and impacting community viability and well-being. Students may examine contemporary economic, social, cultural, or political issues affecting rural societies. All projects must have approval of the instructor and the major advisor. Seniors only. Spring.

SCIE 1000 ADDRESSING ENVIRONMENTAL ISSUES. 1 hour. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This seminar will address current controversial environmental issues concentrating on the problems and solutions associated with these issues. The basis for class discussions will be the background and controversy surrounding these issues and ethics involved in solving the problems as well as cultural, social, and political ramifications. Fall and Spring.

SCIE 1003 MEDICAL TERMINOLOGY. 1 hour. Two or three hours per week for half of the term. Designed to teach the meaning of 300 Latin and Greek roots, suffixes, and prefixes. With the knowledge of these 300 elements, students are able to interpret and understand more than 10,000 complex medical terms. Fall and Spring.

SCIE 1005 ENVIRONMENTAL SCIENCE. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Three hours of lecture each week. A study of ecological concepts that form the basis for understanding environmental issues confronting us; ecology, populations, diversity, resources, pollution and global climate changes. Interrelationships of physical, chemical and biological components of the environment and the impact of human activities on the biosphere are explored. Fall and Spring.

SCIE 1005L ENVIRONMENTAL SCIENCE LABORATORY. 1 hour. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Co-requisite: SCIE 1005. One two-hour laboratory experience each week. Experiences will include environmental science activities in the laboratory as well as field trips to local areas of environmental interest. Designed to accompany SCIE 1005. Fall and Spring.

SCIE 1006 MARINE SCIENCE. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements.; A minimum grade of C in PHSC 1011/1011L, PHSC 1012/1012L, or BIOL 1107/BIOL 1107L. Three hours of lecture each week usually in a classroom with an occasional field outing. The course will include a general overview of the fundamentals of Marine Science including marine geology, physics, chemistry, and biology. The course addresses geological, chemical, and physical features of the marine environment, marine organisms and their ecological interactions, as well as human interactions and conservation of marine resources. This class is designed for non-science majors with an interest in oceans and marine science. Fall as needed.

SCIE 1007 INTRODUCTORY GEOLOGY. 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. A minimum grade of C in PHSC 1011/1011L or PHSC 1012/1012L. Three hours of lecture each week usually in a classroom with an occasional field outing. The course topics introduced will include physical geological features and processes that shape our Earth. Topics will include rocks and minerals, resources and processes such as plate tectonics, earthquakes, volcanoes, streams, flooding and coastal erosion. Topics extend to include waste disposal, pollution, environmental law, and land use planning. A capstone field experience is provided at the end of the semester. This class is designed for non-science majors with an interest in geological concepts. Spring as needed.

SOCI 1101 INTRODUCTION TO SOCIOLOGY. 3 hours. Prerequisite: Completion or exemption from English Learning Support requirements. A survey of the discipline of sociology. Topics will include sociological theory, methods, and selected substantive areas, such as sex, age, gender, social class, and race/ethnicity.

SOCI 1160 INTRODUCTION TO SOCIAL PROBLEMS. 3 hours. A theoretical and empirical analysis of selected major social problems confronting American society.

SOCI 2293 (FACS 2293) INTRODUCTION TO MARRIAGE AND FAMILY. 3 hours. An introduction to the structure, processes, problems and adjustments of contemporary marriage and family life. Dual listed as FACS 2293.

SOCI 2500 CLASS, RACE AND GENDER STRATIFICATION. 3 hours. Prerequisite: SOCI 1101 or SOCI 1160 with a minimum grade of C. This course will examine stratification and structural inequality in the United States and the global community. Students will analyze how class, race and gender form the basis of social stratification and structural inequality. Students will also analyze the historical, cultural and ideological underpinnings of oppression and exploitation of social groups based on class, race and gender. Social problems related to social stratification and oppression such as segregation, racism, discrimination and sexism will be considered.

SOCI 3000 RURAL SOCIOLOGY. 3 hours. An investigation into the characteristics and the organization of the changing rural society. Analysis of the social organization of agriculture and rural-urban relations will be emphasized.

SOCI 3500 RURAL DEMOGRAPHY. 3 hours. An examination of the demographics that shape rural society. Emphasis will be on the social patterns derived from migration and population changes due to the intersection of age, gender, race, social class, family structure and educational level. A global perspective on rural demographics will also be explored.

SOCI 4750 SOCIAL POLICY FOR RURAL COMMUNITIES. 3 hours. This course will be an analysis and evaluation of the formulation and implementation of social policy as it pertains to rural communities. Students will examine how theory and research inform social policy development and create change in regard to social problems. Students will engage in the practical application of social policies by collaborating with social agencies and the social programs implemented to bring about social change.

SOCI 4890/4891/4892 SPECIAL TOPICS IN SOCIOLOGY. 3 hours. Prerequisite: Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration. This customized course is designed to offer students an opportunity to pursue study of a topic not covered in existing curriculum or to focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of the material are determined in consultation with the faculty sponsor.

SOSC 1100 VALUES, ISSUES, & PERSPECTIVES IN SOCIAL SCIENCES. 1 hour. An interdisciplinary seminar designed to introduce students to some of the fundamental concepts and issues of the social sciences and to develop students' critical thinking skills. Topics, which vary from term to term, include such themes as American values, gender issues, and current political or social issues.

SPAN 1001 ELEMENTARY SPANISH I. 3 hours. Introduction to listening, speaking, reading, and writing in Spanish and to the culture of Spanish-speaking regions. Non-credit for students presenting two or more high school units in Spanish earned within the past three years. Work includes drill in fundamentals of grammar. This course will count toward a foreign language deficiency from high school and not in a degree program. Fall, Spring and Summer.

SPAN 1002 ELEMENTARY SPANISH II. 3 hours. Continued listening, speaking, reading, and writing in Spanish with further study of the culture of Spanish-speaking regions. A continuation of SPAN 1001. Fall, Spring and Summer.

SPAN 1110 SPANISH FOR THE AGRICULTURAL INDUSTRY. 3 hours. This class will offer job-specific (occupational) Spanish vocabulary and phraseology, as well as pronunciation and vocalization through intensive oral exercises, scenarios, and role playing. Topics include greetings, training, phrase words, the calendar, numbers and time, family and work personnel, safety and health terms and actions, directions and locations, and industry-related terms and actions. As needed.

SPAN 2001 INTERMEDIATE SPANISH I. 3 hours. Prerequisite: SPAN 1002 with a minimum grade of C. A continuation of SPAN 1001 and SPAN 1002. Spring.

SPAN 2002 INTERMEDIATE SPANISH II. 3 hours. Prerequisite: SPAN 2001 with a minimum grade of C. A continuation of SPAN 1001, SPAN 1002, and SPAN 2001. Spring.

THEA 1100 THEATRE APPRECIATION. 3 hours. Introduction to the art of the theatre emphasizing its historical development. Survey of the basic elements and theories of theatrical production with special consideration of theatre as an artistic experience. Fall and Spring.

THEA 1101 THEATRE WORKSHOP. 1 hour. Hands-on active participation in current theatre production. Requires a minimum of 25 hours devoted to production-related assignments. Activities include performing in the production, building sets, constructing costumes, lighting, stage manager, assistant director. Fall and Spring.

THEA 1102 FUNDAMENTALS OF ACTING. 3 hour. An introduction to the principles of acting, including proper preparation for acting, physical and vocal control and flexibility. Includes history of actor training, the influence of Stanislavsky, the playing of objectives, character development, and rehearsal discipline. Fall odd-numbers years.

THEA 1103 STAGECRAFT. 3 hour. A broad study of technical theatre, with emphasis on the fundamentals of set design and construction, costume design, properties, lighting, makeup, sound, publicity and stage/house management. Spring even-numbered years.

THEA 2102 SCRIPT ANALYSIS. 3 hour. This course is designed to familiarize students with the basic tools of play analysis through reading, lecture, discussion, and analysis. The student will become familiar with the necessary vocabulary, methods, and skills for analyzing play scripts. Includes approaches to artistic concept development through a combination of lecture, analysis and group work. Fall even-numbered years.

THEA 2103 VOICE & DICTION. 3 hour. An introduction to vocal training for the production of Standard American Speech with an emphasis on resonance, breathe control, vocal relaxation, and posture using the International Phonetic Alphabet (IPA) and a variety of approaches to contemporary vocal training. There will also be some limited stage dialect training. Spring odd-numbered years.

Honors Program Courses

All courses in the Honors Program encourage students' participation through interactive classroom techniques; all classes require students to engage in some substantial research and use of sources beyond the assigned textbook to supplement and enhance students' understanding of the course material and assignments.

BIOL 1107H PRINCIPLES OF BIOLOGY I (HONORS). 4 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Three hours of lecture each and two hours of lab each week. An integrated introduction to modern biology from atomic particles to evolution. General topics to be considered include chemical, molecular and cellular basis of life, photosynthesis, cell metabolism, cell division, genetics, biotechnology, and evolution. This course provides content appropriate for science and non-science majors. Restricted to members of Honors Program or permission of Science Department Head. Fall.

BIOL 1108H PRINCIPLES OF BIOLOGY II (HONORS). 4 hours. Prerequisite: BIOL 1107 & BIOL 1107L with a minimum grade of B or BIOL 1107H with a minimum grade of C. Three hours of lecture and two hours of lab each week. General topics to be considered include Domain/Kingdom diversity and classification, plant and animal structure and physiology, plant and animal reproduction, animal homeostasis, responsiveness, coordination, and ecology. This course provides content appropriate for science and non-science majors. Restricted to members of Honors Program or permission of Science Department Head. Spring.

CHEM 1211H PRINCIPLES OF CHEMISTRY I (HONORS). 4 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. Co-requisite: MATH 1111. Three hours of lecture and three hours of lab each week. A general course in chemistry including dimensional analysis, atomic and molecular structures, chemical and physical properties, gas laws, and solutions. Lab exercises are designed to complement the course material. Restricted to members of Honors Programs or permission of Science Department Head. Fall as needed.

CHEM 1212H PRINCIPLES OF CHEMISTRY II (HONORS). 4 hours. Prerequisite: CHEM 1211 & CHEM 1211L or CHEM 1211H and MATH 1111 or higher (except MATH 2003 and MATH 2008). All prerequisite courses require a minimum grade of B. Three hours of lecture and three hours of lab each week. A continuation of CHEM 1211 including thermodynamics, kinetics, equilibrium, and selected descriptive chemistry. Lab exercises are designed to complement the course material. Restricted to members of Honors Program or permission of Science Department Head. Spring as needed.

COMM 1100H HUMAN COMMUNICATION (HONORS). 3 hours. Prerequisite: Honors Program membership or permission of Honors Director. A study of the techniques required in speech research, organization, and argument development. Designed to develop advanced delivery techniques for different types of speeches in various public forums. Fall.

ECON 2105H PRINCIPLES OF MACROECONOMICS (HONORS). 3 hours. Prerequisite: Completion or exemption from English and Mathematics Learning Support requirements. This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies. (This course may not be taken during the same term as ECON 2106). Fall.

ENGL 1101H COMPOSITION I (HONORS). 3 hours. Prerequisite: Honors Program membership or permission of Honors Director. A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition and argumentation, and also including introductory use of a variety of research skills. This course is taught as a writing seminar and offers greater student interaction. Fall

ENGL 1102H COMPOSITION II (HONORS). 3 hours. Prerequisite: ENGL 1101 with a minimum grade of C (or exempt status) **and** Honors Program membership or permission of Honors Director. A composition course focusing on academic writing skills that emphasizes interpretation and evaluation of a variety of texts and that incorporates advanced research skills. Spring.

ENGL 2115H WORLD LITERATURE II (HONORS). 3 hours. Prerequisite: Honors Program membership and ENGL 1102 or ENGL 1102H with a minimum grade of C and permission of Honors Director. A study of selected works of literature from the mid-15th century (Renaissance) through the 18th century Common Era (CE), presented in their historical and cultural contexts. This course includes introductions to Medieval and Early Modern worldviews and presents literary works from India, the Middle East, Africa, China, Japan, and the Americas.

ENGL 2116H WORLD LITERATURE III 19TH CENTURY-PRESENT (HONORS). 3 hours. Prerequisite: Honors Program membership and ENGL 1102 or 1102H with a minimum grade of C. A study of selected works of world literature from the 19th century to the present, presented in their historical and cultural contexts. Emphasis will be placed on major trends in the development of modern thought. This course includes introductions to major literary developments in Asia, Africa, Europe, and the Americas. Fall, Spring and Summer.

HIST 2111H UNITED STATES HISTORY I (HONORS). 3 hours. A survey of United States history to the post-Civil War period. This course covers the major social, economic, political, and cultural issues which accompanied the development of American life from pre-Columbian beginnings to Reconstruction. A particular emphasis will be placed on the role of Georgia in the development of the nation. Fall odd-numbers years.

HIST 2112H UNITED STATES HISTORY II (HONORS). 3 hours. A survey of United States history from the post-Civil War period to the present. This course covers the major social, economic, cultural, and political issues in American history since the Civil War. A particular emphasis will be placed on the role of Georgia in the development of the nation. This course is taught as a seminar and emphasizes greater student interaction. This course satisfies state law requiring examination on Georgia and United States history. Fall even-numbered years.

HNRS 1102 HONORS SEMINAR. 1 hour. Freshman level honors seminar built around the concepts of “self,” “society,” and “nature.” Basic questions of human existence are explored in an interdisciplinary manner. These seminars also serve as an orientation to college life and are taken in lieu of ABAC 1000 by honors program students. Spring.

HNRS 2101 HONORS SEMINAR. 1 hour. Sophomore level honors seminar. Selected special topics are explored in an environment that fosters both collaborative and independent learning. As needed.

HNRS 2102 HONORS SEMINAR. 1 hour. Sophomore level honors seminar. Selected special topics are explored in an environment that fosters both collaborative and independent learning. As needed.

HUMN 1100H TOPICS IN THE HUMANITIES (HONORS). 1 hour. Freshman level honors seminar. An exploration of issues and ideas related to the study and/or practice of the humanities in the contemporary world. Topics will vary. Fall.

POLS 1101H AMERICAN GOVERNMENT (HONORS). 3 hours. An introductory course covering the essential facts of federal, state, and local governments in the United States. The origin, development, organization, and practices of national and state governments will be examined. This course is taught as a seminar and emphasizes greater student interaction. This course satisfies state law requiring examination on Georgia and United States Constitutions. Spring.

FACULTY AND ADMINISTRATION

THE UNIVERSITY SYSTEM OF GEORGIA

The University System of Georgia includes all state-operated institutions of higher education in Georgia. These institutions are located throughout the state. For the most current information, visit <http://www.usg.edu/inst>.

A 19-member constitutional Board of Regents governs the University System, which has been in operation since 1932. Appointments of Board members are made by the Governor, subject to confirmation by the State Senate. The regular term of Board members is seven years.

The Chairperson, the Vice Chairperson, and other officers of the Board are elected by the members of the Board. The Chancellor, who is not a member of the Board, is the chief executive officer of the Board and the chief administrative officer of the University System.

The overall programs and services of the University System are offered through three major components: Instruction; Public Service/Continuing Education; Research.

INSTRUCTION consists of programs of study leading toward degrees, ranging from the associate (two-year) level to the doctoral level and certificate.

Requirements for admission of students to instructional programs at each institution are determined, pursuant to policies of the Board of Regents, by the institution. The Board establishes minimum academic standards and leaves to each institution the prerogative to establish higher standards. Applications for admission should be addressed in all cases to the institutions.

PUBLIC SERVICE/CONTINUING EDUCATION consists of non-degree activities, primarily, and special types of college-degree-credit courses.

The non-degree activities are of several types, including short courses, seminars, conferences, lectures, and consultative and advisory services, in a large number of areas of interest. These activities, typically of short duration, are designed by each institution to satisfy special educational, informational, and cultural needs of the people of the service area of that institution.

Typical college-degree-credit public service/continuing education courses are those offered through extension center programs and teacher education consortiums.

RESEARCH encompasses investigations conducted primarily for discovery and application of knowledge. These investigations, conducted on campuses and at many off-campus locations, cover a large number and a large variety of matters related to the educational objectives of the institutions and to general societal needs.

Most of the research is conducted through the universities; however, some of it is conducted through several of the senior colleges.

The policies of the Board of Regents for the governing, managing, and controlling of the University System and the administrative actions of the Chancellor provide autonomy of high degree for each institution. The executive head of each institution is the President, whose election is recommended by the Chancellor and approved by the Board.

State appropriations for the University System are requested by, made to, and allocated by the Board of Regents. The largest share of the state appropriations is allocated by the Board for instruction.

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FACULTY

APRIL ABBOTT, Lecturer in Mathematics and Math Lab Coordinator. M.Ed. (Mathematics), Valdosta State University; B.S. (Mathematics), Georgia College & State University; A.S. (Mathematics), Abraham Baldwin Agricultural College. 2014

BRANDI ARRINGTON, Lecturer in English. M.F.A. (Fiction), The New School; B.A. (English) Valdosta State University. 2015

REBECCA ARNOLD, Associate Professor of Nursing. M.S.N. and B.S.N (Nursing), Valdosta State University. 1994

RENALDO J.S. ARROYO, Assistant Professor of Forestry. Ph.D. (Forestry), Mississippi State University; M.S. (Interdisciplinary Studies-GIS/Natural Resources), Texas Tech University; B.S. (Forestry), Humboldt State University; B.A. (Literature), University of California-Santa Cruz. 2014

BONNIE J. ASSELIN, Associate Professor of English. Ph.D. (English), Northeastern University; M.A. (English), University of Massachusetts. 2009

JEROME F. BAKER, Professor and Dean, School of Agriculture and Natural Resources. Ph.D. (Animal Breeding and Genetics) and M.S. (Animal Breeding and Genetics), Texas A&M University; B.S. (Biology), Morningside College. 2014

JAY E. BALDWIN, Assistant Professor of Communication. Ph.D. (Comparative Literature and Cultural Studies), University of Arkansas; M.A. (Communication and Leadership), Gonzaga University; B.A. (English – Communication), Fort Lewis College. 2015

JIMMY BALLENGER, Assistant Professor of Health and Physical Education and Women's Soccer Coach. M.S.Ed. (Health & Physical Education), Albany State; B.S. (Early Childhood Education), Valdosta State; A.S. (Early Childhood Education), Abraham Baldwin Agricultural College. 2005

SARAH S. BEACH, Assistant Professor of Sociology. Ph.D. (Sociology), Kansas State University; M.A. (Sociology), Colorado State University; B. S. (Environmental Sciences), Northern Arizona University. 2015

CHRISTOPHER M. BEALS, Assistant Professor of Biology. Ph.D. (Biological Science), Tennessee State University; M.S. (Biology), Georgia College & State University; B.A. (Biology), Mercer University. 2014

RICHARD H. BERRY, Associate Professor of Management. Ph.D. (Business Administration), University of Georgia; M.S. (Accounting), James Madison University; M.B.A. (Business), University of New Orleans. 2015

KEETRA C. BRANCH, Associate Professor of Biology. M.S. (Microbiology), University of Georgia; B.S. (Biology), Valdosta State College. 1992

JOANN BRANNEN, Assistant Professor of Information Technology. M.S. and B.S.Ed. (Business Education), Valdosta State University, A.S. (Secondary Education), Abraham Baldwin Agricultural College. 1998

CASEY S. BRASHER, Assistant Professor of Economics. Ph.D. (Economics), M.S. (Economics), and B.S. (Business and Economics), University of Kentucky. 2015

DAVID C. BRIDGES, Professor of Agronomy and President. Ph.D. (Agronomy), Texas A & M University; M.S. (Agronomy) and B. S. (Agronomy), Auburn University; A.S. (Agricultural Science), Abraham Baldwin Agricultural College. 2006

JOSEPH F. BROWN JR., Associate Professor of English, Ph.D. (English), Louisiana State University; M.A. (English), Auburn University; A.B. (English and Political Science), University of Georgia. 2010

ADAM BRUMFIELD, Lecturer in Communication. M.A. & B.A. (Communication), Valdosta State University. 2013

DONNA C. CAMPBELL, Assistant Professor of Health and Physical Education. M.S., B.S., & A.A. (Health Education), Georgia State College. 1995

ERIN E. CAMPBELL, Professor of English. Ph.D. (English), University of Mississippi; M.A. (English), University of North Carolina at Greensboro; B.A. (English), University of Tampa; A.A. (Interdisciplinary Studies), St. Petersburg Junior College. 2002

ROBERT A. CARPENTER, Assistant Professor of Spanish. M.A. (Spanish), Wayne State University; B.A. (Christian Thought), William Tyndale College. 2003

TAMMY CARTER, Instructor of Nursing. M.S.N. and B.S.N. (Nursing), Jacksonville State University; A.S.N. (Nursing), Abraham Baldwin Agricultural College. 2013

HEATHER CATHCART, Assistant Professor of Biology. Ph.D. (Cellular Biology & Anatomy), Georgia Health Sciences University; M.S. (Biology), Georgia Southern University; B.S. (Biology), Armstrong Atlantic State University. 2012

JORDAN R. COFER, Department Head, Literature and Language, and Associate Professor of English. Ph.D. (English), Texas Tech University; M.A. (English), Virginia Polytechnic Institute and State University; B.A. (English), Southwest Baptist University. 2009

CARRIE R. CRABTREE, Assistant Professor of Biology. Ph.D. (Animal Science), University of Georgia; M.S. (Environmental Science), University of Tennessee at Chattanooga; B.S.A. (Animal Science & Environmental Health Science), University of Georgia; A.S. (Animal Science), Abraham Baldwin Agricultural College. 2012

ROBIN CRUMLEY, Assistant Professor of Nursing. M.S.N. and B.S.N. (Nursing), Valdosta State University; AS (Nursing), Abraham Baldwin Agricultural College. 2010

KENNON S. DEAL, Assistant Professor of Chemistry. Ph. D. (Chemistry), Auburn University; B.S. (Chemistry), Georgia Southern University. 2015

EARL DENHAM, Lecturer in Business. M.S. (Business Management) Troy State University, M.A. (History and Government) and B.A. (Government), Valdosta State University. 2005

TAMARA DENNIS, Associate Professor of Nursing. Ph.D. (c) (Nursing), Georgia State University; M.S.N. and B.S.N. (Nursing), Valdosta State University; A.S. (Nursing), Abraham Baldwin Agricultural College. 2002

CHRISTINA DENT, Assistant Professor of Nursing. Ph.D. (c) (Nursing Education), University of Phoenix, M.S.N. and B.S.N. (Nursing), Valdosta State University; AS (Nursing), Abraham Baldwin Agricultural College. 2010

GARY D. DICKS, Assistant Professor of Mathematics, M.Ed. (Mathematics Education), Albany State College; B.S. (Mathematics), Auburn University. 1997

GAIL P. DILLARD, Professor of English, and Executive Director of ABAC on the Square, and Early Admissions Programs, Interim Vice President for Academic Affairs. Ph.D. (English), Florida State University; M.A. (English), University of North Carolina at Charlotte; B.A. (English), Georgia College. 1990

MARK “DILL” DRISCOLL, Dean, Stafford School of Business. B.S. (Economics), St. Lawrence University. 2012

DEBORAH DRUMMONDS, Assistant Professor of Nursing. M.S.N. (Nursing), Emory University; BSN (Nursing), Jacksonville State University. 2007

CINDIA DUBRAVCIC, Instructor of Nursing and Health Center Coordinator. M.S.N. (Nursing), FNP-BC, Albany State University; B.S. (Nursing), Georgia Southwestern State University. 2015

KINGSLEY DUNKLEY, Associate Professor of Biology. Ph.D. (Poultry Science), Texas A & M University; M.S. (Animal Science) and B.S. (Agriculture), Prairie View Agricultural & Mechanical University. 2008

RENATA ELAD, Professor of AG Economics. Ph.D. and M.S. (Agricultural Economics), University of Georgia; B.S. (Agronomy), University of Jos, Nigeria, 1999

DIANTHA V. ELLIS, Associate Professor of Business Administration. M.B.A. (Business Administration), Valdosta State University, B.B.A. (Accounting and Management), Georgia Southwestern State University; A.S. (Business Administration), Abraham Baldwin Agricultural College. 2008

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