

# Catalog Home

## 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 extremely important that students know it is their responsibility to stay well-informed of current graduation requirements for any particular program.*

## About Catalog

## 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 regarding 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 second floor of the Branch Hall, 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 diverse 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 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 means of communication with students.**

# Statement of Purpose

In the event 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.

# Academic Calendar

## Fall Semester 2017

### Full Term

First day of classes	August 16
End Drop/Add period	August 23, 4:30 pm

Labor Day Holiday	September 4
Mid-term withdrawal deadline w/o academic penalty	October 9, 4:30 pm
Fall Break	October 16, 17
Thanksgiving Holidays	November 22, 23, 24
Last day of classes	December 6
Final exams	December 7, 8, 11, 12
Graduation	December 14, 10 am

## Session A

First day of classes	August 16
End Drop/Add period	August 23, 4:30 pm
Labor Day Holiday	September 4
Mid-term withdrawal deadline w/o academic penalty	September 11, 4:30 pm
Last day of classes	October 6
Final exams (or TBA by instructor)	October 9

## Session B

First day of classes	October 10
End Drop/Add period	October 10, 4:30 pm
Fall Break	October 16, 17
Mid-term withdrawal deadline w/o academic penalty	November 6, 4:30 pm
Thanksgiving Holidays	November 22, 23, 24
Last day of classes	December 6
Final exams	December 7, 8, 11, 12

## Spring Semester 2018

## Full Term

First day of classes	January 8
MLK Holiday	January 15
End Drop/Add period	January 16, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	March 1, 4:30 pm
Spring Break	March 19, 20, 21, 22, 23
Last day of classes	April 30
Final exams	<b>May 2, 3, 4, 7</b>
Graduation	May 10, 10 am

## Session A

First day of classes	January 8
MLK Holiday	January 15
End Drop/Add period	January 16, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	February 1, 4:30 pm
Last day of classes	February 28
Final exams (or TBA by instructor)	March 1

## Session B

First day of classes	March 2
End Drop/Add period	March 2, 4:30 pm
Spring Break	March 19, 20, 21, 22, 23
Mid-term withdrawal deadline w/o academic penalty	April 3, 4:30 pm
Last day of classes	April 30
Final exams	<b>May 2, 3, 4, 7</b>

# Summer Term 2018

## Extended

First day of classes	May 14
End Drop/Add period	May 16, 4:30 pm
Memorial Day Holiday	May 28
Mid-term withdrawal deadline w/o academic penalty	June 18, 4:30 pm
Independence Day Holiday	July 4
Last day of classes	July 23
Final exams	July 24, 25

## Full Term

First day of classes	May 29
End Drop/Add period	May 30, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	June 25, 4:30 pm
Independence Day Holiday	July 4
Last day of classes	July 23
Final exams	July 24, 25

## Session A

First day of classes	May 29
End Drop/Add period	May 29, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	June 7, 4:30 pm
Last day of classes	June 21
Final exams	June 25

## Session B

First day of classes	June 26
End Drop/Add period	June 26, 4:30 pm
Independence Day Holiday	July 4
Mid-term withdrawal deadline w/o academic penalty	July 9, 4:30 pm
Last day of classes	July 23
Final exams	July 24, 25

For comprehensive and up-to-date calendars, please visit <http://www.abac.edu/academics/registrar>.

## 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 Agribusiness, Agricultural Communication, Agriculture, Agriculture Education, Biology, Business and Economic Development, Environmental Horticulture, History and Government, Natural Resource Management, Nursing, Rural Community Development, and Writing and Communication. ABAC also offers associate of arts, associate of science, associate of fine arts, and associate of applied science degrees. 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 \$330 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). ABAC's Bachelor's degree in Natural Resource Management is in final candidacy for Level II Accreditation by the 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**

Abraham Baldwin Agricultural College (ABAC) is a State College within the University System of Georgia. ABAC's mission is to provide excellent education by engaging, teaching, coaching, mentoring, and providing relevant experiences that prepare the graduate 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](http://www.dodmou.com).

## **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, exhibit, and educate on the rich, rural culture of Georgia. The 95-acre site provides a museum, historic village, art gallery, country store, and conference facilities for the people of the State. At the heart of the Museum are curriculum-based, interactive educational programs focused on elementary age students. Expanding its educational offerings March of 2017, the Museum added Destination Ag which is agriculture and natural resource curriculum-based educational programming focused on Pre-K through fifth grade. Across the site, the Museum and Historic Village is utilized as a living laboratory for ABAC students and a variety of ABAC classes.

## **The Arts Connection**

The Arts Connection is ABAC's campus and community arts office and is located in Branch Hall. This office 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.

Arts Connection works in conjunction with the college's faculty and a dedicated group of community advisors to offer the ABAC Presents! Performing Arts Series which showcases professional orchestras, opera companies, theatrical events, chamber music, jazz and more. Additionally, the Arts Connection works with ABAC's performing arts faculty to promote campus art events such as the First Tuesday Performance Series which features regional artists each month.

## **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.

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, reunion groups, 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](http://www.abac.edu/alumni).

## **ABAC Foundation**

The Abraham Baldwin Agricultural College Foundation, Inc. is a Georgia nonprofit corporation organized in 1954 for the sole purpose of supporting the aims and objectives of Abraham Baldwin Agricultural College. The charter states, "...the Foundation was organized to advance the cause of education by generally establishing and implementing programs and activities for the promotion and assistance of Abraham Baldwin Agricultural College, a state-assisted educational institution, her faculty and students."

Governed by an elected board of trustees, the Foundation determines with the administration of the College the specific purpose for which all gifts to the Foundation will be used by the College. The opportunity to assist all facets of the college program is extended to the faculty and staff, alumni and friends, businesses, corporations and selected foundations on an annual basis. The Foundation has the ability and the experience to manage planned gifts and bequests as well as assist donors in planning gifts which produce the best possible tax and other financial returns.

The Foundation is a federal tax-exempt organization under Internal Revenue Code Section 501(c)(3).

## **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.

<b>CATEGORIES</b> (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	Placement Test Scores	Transient Permission Form
<b>Section number for notes relative to required documents ►</b>	1	2	3	4	5	6	7	8	9	10	11
<b>Freshmen</b> who graduated from HS <u>within the last 5 years or will graduate</u> and have never attended college, or have fewer than 30 transferable semester hours	R	R	R	R	R	R	R	R			
<b>Freshmen</b> who graduated from HS <u>more than 5 years ago</u> and have never attended college, or have fewer than 30	R	R	R	R			R	R		R	

transferable semester hours											
<b>Freshmen</b> 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	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>		<b>R</b>	<b>R</b>		
<b>Freshmen</b> 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	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>			<b>R</b>	<b>R</b>	<b>R</b>	
<b>Homeschool student**</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>			
<b>Transfer student</b> - a student having 30, or more, transferable semester hours	<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>				<b>R</b>			
<b>Readmitted student</b> - a student who previously attended ABAC, but has not done so for one calendar year.	<b>R</b>		<b>R</b>	<b>R</b>				<b>R</b>			
<b>International student</b>	<b>R</b>	<b>R</b>	<b>R</b>		<b>R</b>	<b>R</b>	<b>R</b>	<b>R</b>		<b>R</b>	
<b>Dual Enrollment (formerly</b>	<b>R</b>		<b>R</b>		<b>R</b>	<b>R</b>				<b>R*</b>	

<b>MOWR) Student</b>											
<b>Post-baccalaureate student -</b> students who have already earned a baccalaureate degree.	R	R	R	R				R			
<b>Non-degree seeking student</b>	R	R	R					R		R	
<b>Transient student</b>	R	R	R	R							R

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

\*\*These requirements apply to Homeschool students who have never attended college or who have fewer than 30 transferable semester hours.

## Notes Relevant To Required Documents

### Section 1 - Online Application

The required online application for admission to ABAC is available at [www.GAfutures.org](http://www.GAfutures.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 Dual Enrollment program (formerly Move on When Ready (MOWR)) and readmits who previously paid the application fee.

### 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 U.S. birth certificate showing that the student was born in the U.S. or a U.S. territory. A photocopy cannot be accepted. Please note that <http://www.vitalchek.com> provides instructions for ordering a certified U.S. birth certificate
3. A U.S. Certificate of Naturalization (USCIS form N-550 or N-570)
4. A U.S. Certificate of Citizenship (USCIS form N-560 or N-561)
5. A U.S. Certificate of Birth Abroad issued by the Department of State (DS-1350) or a Consular Report of Birth Abroad (FS-240)
6. A current U.S. 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. (See Section 7.) 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 - Placement Test Scores

Placement scores are required for non-traditional students who have graduated or would have graduated from high school more than five years and for international students.

## 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 the University System of Georgia's site [http://www.usg.edu/academic\\_affairs\\_handbook/section3/C660/](http://www.usg.edu/academic_affairs_handbook/section3/C660/) section 3.2.3 Required High School Curriculum.

- 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. Students taking the new SAT (March 2016 or later) must have a minimum of 19 on the Reading Test and 18 on the Math Test.
- 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:  
 $FI = 500 \times (HS\ GPA) + SAT\ Critical\ Reading + SAT\ Math$ , or  
 $FI = 500 \times (HS\ GPA) + (ACT\ Composite \times 42) + 88$
- 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. Students taking the new SAT (March 2016 or later) must have a minimum of 19 on the Reading Test and 18 on the Math Test.
- 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. Students taking the new SAT (March 2016 or later) must have a minimum SAT score of 980 (reading and math) with no less than a score of 19 on the Reading Test and 18 on the Math Test.
- 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 readmission 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. Students taking the new SAT (March 2016 or later) must have a minimum SAT score of 980 (reading and math).
- 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](http://www.abac.edu/wp-content/uploads/2012/11/cert-of-fin-sup.pdf), and submitting bank statements for the past six months.

## Dual Enrollment Students

(formerly Move on When Ready (MOWR))

- ABAC provides academically-talented high school students opportunities to enroll in college-level coursework during high school.
- To participate, 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 20. Students taking the new SAT (March, 2016 or later) must have a minimum SAT score of 1050 (reading and math).

## 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 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 nonresident 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	\$1,563.00
Georgia Resident, 14 or fewer hours	\$104.20 (per semester hour)

Nonresident, 15 or more hours	\$5,774.00
Nonresident, 14 or fewer hours	\$384.94 (per semester hour)
eCore classes	\$159.00 (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
<b>Total</b>	<b>\$501.00</b>	<b>\$374.00</b>

Textbooks and supplies are available in the Stallion Shop (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 - \$2,300 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 details on the meal plans available, visit <http://www.abac.edu/student-life/campus-dining>.

**Other fees** are associated with specific classes; examples include science labs, golf and bowling courses. Fees range from \$15 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 U.S. 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 Branch Hall 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 online 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, online payments can be made via Web check 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 regard 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 33.33% 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 Branch Hall. All veterans, active duty services members, members of the reserves, and dependents of disabled or deceased veterans, should contact the Office of Student Accounts 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.

Students who wish to be considered for Veterans' Benefits at ABAC must present a copy of their form DD-214 to the Office of Student Accounts for evaluation.

# 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 who are transferred to Georgia by an employer are not subject to the durational residency requirement.
  - 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 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.
- 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 was instituted in 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 7.3.4.1 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](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 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 (U.S.) 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 Branch Hall. Correspondence should be addressed to the Office of Financial Aid, ABAC 23, 2802 Moore Highway, Tifton, Georgia 31793.

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 based on 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](http://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. A summer session is considered a trailer for the purposes of awarding federal, state, and institutional financial aid.

<i>Enrollment Schedule</i>	<b>Enrollment Hours</b>	<b>Payment Status</b>
Full Time	12 or >	100%
Three Quarter Time	9 - 11	75%
Half Time	6 - 8	50%
Less Than Half Time	5 or <	25%

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 3.0 HOPE GPA (as calculated by GSFC) and meet specific rigor course requirements; and for Zell Miller a minimum 3.7 Zell Miller grade point average (as calculated by GSFC) 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) or if they were the salutatorian or valedictorian at their high school.

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 and it can only be regained once. 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.GAfuture.org](http://www.GAfuture.org)). Transfer students who previously received HOPE at other institutions will be evaluated based on 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. Any first-time borrower or borrowers who have paid off their loan prior to July 1, 2013 and are borrowing again can receive Subsidized loans only within 150% of the length of their program of study. 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 as a junior or senior in a



bachelor's degree program. 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 as a junior or senior in a bachelor's degree program (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. FWS 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 at: <http://www.abac.edu/more/human-resources/employment-opportunities>

## **Foundation Scholarships**

Each scholarship offered via the ABAC Foundation, Inc. will be awarded based on 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 Enrollment Management or online at: <http://www.abac.edu/funding-my-education/scholarships/application>.

## 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 Rule**  
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.

Program Requirement	Maximum Attempted Credits
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 the documentation requested on the form. Failure to supply all 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 or (2) the 67% completion requirement for the first time. 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 ISIR:

<b>UEH Flag Value</b>	<b>C Code</b>	<b>Comment Code</b>	<b>Flag Description</b>	<b>School Action to Resolve Flag</b>
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 and degree seeking Zell scholars are required to demonstrate a minimum overall GPA of 3.30 when they have attempted 30, 60, and 90 hours and at the end of the spring term.

## Nursing Students

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

**Note:** *All nursing students who transfer credit to ABAC must also be in compliance with the GPA Rule, 67% Successful Completion Rate, 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](mailto:rspancake@abac.edu).

ABAC Title IX Deputy Coordinators for students are Bernice Hughes, Dean of Students at 229-391-5129 or [bhughes@abac.edu](mailto:bhughes@abac.edu); and Alan Kramer, Athletic Director/Assistant Dean of Students at 229-391-4928 or [akramer@abac.edu](mailto: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 reported immediately 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 or email [mmartin@abac.edu](mailto:mmartin@abac.edu); or Shubha Chatterjee at 229-391-5135 or email [schatterjee@abac.edu](mailto:schatterjee@abac.edu); or any ABAC Health Clinic employee.

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

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](mailto: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. The Center is located on the second floor of Branch Hall.

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](mailto: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 and approved. 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



approved and 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 notify the ABAC Housing Office (at least) two-months in advance so that living accommodations can be arranged.

Anyone with any impairment should contact the Student Development Center, located on the second floor of Branch Hall.

## 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; 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 ACT and SAT administrations are offered through the Student Development Center. 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. Help with plans for graduate school, resume writing, interviewing, and dressing for success are also offered.

## Medical Withdrawal

Prior to mid-term, medical withdrawals are the same as any other official withdrawal from the College. Students will receive a "W" 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 Center 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 students were not passing at the time of withdrawal, the grade of WF will be assigned. 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. The deadline for submitting complete appropriate medical documentation is the last day of classes for the term.

## 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. ABAC's Health Center is located in the Health Sciences Building and is accessed using the rear entrance. The Health Center is staffed by nurse practitioners and registered nurses who provide care for acute illnesses and minor injuries.

## **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, 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 clinic 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 balance.

## **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 requirements.

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 Residence Life

Campus residence 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 through the Housing Portal (<https://abac.starrezhousing.com/StarRezPortal>). In order to exempt the Freshman Residency Requirement, a student must complete the online exemption request 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 commuting distance 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, loveseat, 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. 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](http://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 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.

Students who are found 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:

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 at any USG institution 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 (BoR Minutes, 1968-69, pp. 166-168; 1970-71, p. 98). Source: <http://www.usg.edu/policymanual/section12/C1765>

# Drug-Free Schools Policy Statement

To comply with the Drug-Free Schools and Communities Act Amendments of 1989 (Public Law 101-226) laws of the State of Georgia, and Board of Regents Policy 4.6.4 (last modified February 11, 2015), ABAC 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-resources>).

Source (Section 4.6.4): <http://www.usg.edu/policymanual/section4/C332/#>

# 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. Source under Facilities (Section 9.1.7): <http://www.usg.edu/policymanual/section9/C503/#>

# 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 the Clubs and Organizations page at <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 currently made up of a President, Vice-President, and Senators from each school: Agriculture and Natural Resources, Arts and Sciences, Nursing and Health Sciences, 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 Hall.

## 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, has studios located in the Carlton Center.

## Campus Recreational Sports

ABAC offers all current students the opportunity to engage in campus recreational activities through Intramural Sports programs, Thrash Wellness Center, and the Legacy Foundation Swimming Pool. Intramural participation is entirely voluntary and students are encouraged to become involved, whether for competition or fun, in a group or as an individual; no additional fees are required. Intramural Activities include basketball, bowling, softball, flag football, soccer, badminton, tennis, volleyball, and other special events. Thrash Wellness Center and the Legacy Foundation Swimming Pool have recently been renovated and all students are encouraged to incorporate the facilities and new equipment into their routine toward a fit and healthy lifestyle. More information on hours of operation and guidelines can be found at <http://www.abac.edu/athletics/facilities/thrash-gym> and <http://www.abac.edu/athletics/facilities/pool>.

## Athletic Programs

Intercollegiate athletics, both male and female, are an integral part of student life at ABAC. The College participates in six intercollegiate sports: softball, soccer and tennis for women; baseball, golf, and tennis for men. All full-time students are 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 GPA of 3.0 may carry additional course work. See your advisor for the overload permission.

### **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, for 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 grade of WF will be assigned. 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 a minimum of 30 semester hours toward the degree in residence at ABAC, including at least 21 semester hours of upper division (3000 level or above) course work in the major field. To be eligible for an associate degree (Associate of Arts, Associate of Science, Associate of Fine Arts, or Associate of Science in Nursing) from ABAC, the student must complete a minimum of 20 semester hours toward the degree in residence at ABAC. To be eligible for any career-technological degree (A.A.S), the student must complete a minimum of 30 hours toward the degree in residence at ABAC. Transfer, College Level Examination Program (CLEP), Advanced Placement (AP), 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.

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 Prior Learning Assessment (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 Nursing and Health Sciences for information on a possible waiver of the activity requirements.

Students who have earned an associate or baccalaureate degree from another regionally accredited institution will be considered to have met all physical education requirements for graduation from ABAC.

## 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

Please visit the University System of Georgia's site: [http://www.usg.edu/academic\\_affairs\\_handbook/section3/C660/section3.2.3](http://www.usg.edu/academic_affairs_handbook/section3/C660/section3.2.3) Required High School Curriculum.

**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, Accuplacer, 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 11<sup>th</sup> 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 a bachelor degree or associate degree 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 - United States History I or HIST 2112 - United States 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 MATH 1113 - Pre-Calculus Mathematics.

Old SAT	New SAT (March 2016)	ACT	Additional High School Course	ABAC Placement
480	25.5	20	----	MATH 1111
590	30.5	26	----	MATH 1112
590	30.5	26	Trigonometry	MATH 1113
630	32.5	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 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/BIOL 1107L	4
	5	BIOL 1107/BIOL 1107L, BIOL 1108/BIOL 1108L	8

Calculus AB	3	MATH 1113, MATH 2053	8
Calculus BC	3	MATH 2053, MATH 2054	8
Chemistry	3	CHEM 1211 /CHEM 1211L	4
	5	CHEM 1211 /CHEM 1211L, CHEM 1212/CHEM 1212L	8
Computer Science A	3	CSCI 1301	4
Computer Science Principles	3	CSCI 1100	3
Macroeconomics	3	ECON 2105	3
Microeconomics	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/SCIE 1005L	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/MUSC 1134L	4
Physics 1	3	PHYS 1111/PHYS 1111L	4

Physics 2	3	PHYS 1112/PHYS 1112L	4
Physics C: Mechanics	5	PHYS 2211/PHYS 2211L	4
Physics C: Electricity	5	PHYS 2212/PHYS 2212L	4
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: 2-D Design	3	ART ELECTIVE	3
Studio Art: 3-D Design	3	ART ELECTIVE	3
Studio Art: Drawing	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.

\*\*\*Students receiving credit for American Government or American History must meet the State of Georgia Legislative Requirements regarding Georgia History and Georgia Constitution through examination.

## 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/Transfer\\_Credit/ABAC\\_Policy\\_IB\\_Credits.pdf](http://apps.abac.edu/Registrar/Transfer_Credit/ABAC_Policy_IB_Credits.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.
- **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 Testing Center. 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 can visit <http://www.abac.edu/academics/academicsupport/clep>. 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

<b>Composition and Literature</b>	<b>Minimum Score</b>	<b>ABAC Course Credit</b>	<b>Semester Hours</b>
American Literature	50	ENGL 2131/ENGL 2132	3
Analyzing and Interpreting Literature	50	No Credit	---
College Composition	50	ENGL 1101	3
English Composition Modular	50	ENGL 1101	3
English Literature	50	ENGL 2121/ENGL 2122	3
Humanities	50	HUMN 2221	3
<b>Foreign Languages</b>	<b>Minimum Score</b>	<b>ABAC Course Credit</b>	<b>Semester Hours</b>
French Language - Level 1 Proficiency	50	LANG 11XX, LANG 12XX *	6
French Language - Level 2 Proficiency	59	LANG 11XX, LANG 12XX, LANG 21XX	9
German Language - Level 1 Proficiency	50	LANG 11XX, LANG 12XX *	6
German Language - Level 2 Proficiency	60	LANG 11XX, LANG 12XX, LANG 21XX	9

Spanish Language - Level 1 Proficiency	50	SPAN 1001, SPAN 1002	6
Spanish Language - Level 2 Proficiency	63	SPAN 1001, SPAN 1002, SPAN 2001	9
<b>Social Sciences and History</b>	<b>Minimum Score</b>	<b>ABAC Course Credit</b>	<b>Semester Hours</b>
American Government	50	POLS 1101***	3
History of the United States I	50	HIST 2111***	3
History of the United States II	50	HIST 2112***	3
Human Growth and Development	50	PSYC 2103	3
Introduction to Educational Psychology	50	No Credit	---
Introductory Psychology	50	PSYC 1101	3
Introductory Sociology	50	SOCI 1101	3
Principles of Macroeconomics	50	ECON 2105	3
Principles of Management	50	MGMT 2600	3
Principles of Microeconomics	50	ECON 2106	3
Social Sciences and History	50	No Credit	---
Western Civilization I	50	Area E Elective **	3
Western Civilization II	50	Area E Elective **	3
<b>Science and Mathematics</b>	<b>Minimum Score</b>	<b>ABAC Course Credit</b>	<b>Semester Hours</b>
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 Mathematics	50	No Credit	---
Natural Sciences	50	No Credit	---
Precalculus	50	MATH 1113	4

<b>Business</b>	<b>Minimum Score</b>	<b>ABAC Course Credit</b>	<b>Semester Hours</b>
Financial Accounting	50	ACCT 2101	3
Introductory Business Law	50	BUSA 2155	3
Information Systems	50	CISM 2201	3
Principles of Management	50		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.

\*\*\*Students receiving credit for American Government or American History must meet the State of Georgia Legislative Requirements regarding Georgia History and Georgia Constitution through examination.

## **DSST (Formerly Dantes) Program**

Students enrolled at the College may earn credit for certain courses by achieving minimum scores on the DSST Tests. Minimum test scores will match and substitute for specific courses in the current catalog. DSST tests are electronically administered by the Testing Center. 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. Please visit, <http://www.abac.edu/future-students/testing>, for a current listing of DSST exams accepted for credit. DSST credit may be transferable but the student must check with the receiving institution to verify credit acceptance. Official DSST transcripts with the DSST score(s) will be required for any DSST credit to be awarded.

## **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 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.**

# eCore Classes

eCore offers students the opportunity to complete undergraduate requirements in Core Areas A-E completely online via public colleges and universities within the University System. eCore courses are taught by instructors from SACSCOC accredited institutions within the system, and are transferrable within the USG as well as to most regionally accredited schools. Visit ABAC's eCore website, <http://www.abac.edu/academics/ecore>, for more information.

# Academic Support

Academic Support, located on the first floor of the Carlton Center, houses the Academic Achievement Center (Tutoring Services), the Academic Support Center, and the Testing Center. In addition to tutoring and testing services, ABAC students can visit Academic Support for dropping/adding a course, complete withdrawals, transient permission, registration, graduation, academic advising, major changes, academic intervention, and learning support requirements. Please visit, <http://www.abac.edu/academics/academicssupport>, for additional information.

The Academic Achievement Center is an internationally certified tutoring center through the College Reading and Learning Association and its tutors meet the requirements of this certifying body. Tutoring services are provided on a drop-in basis at no cost to all enrolled ABAC students. 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/academicssupport/tutoring>). Although ABAC does not guarantee that tutoring is available for all subjects, tutors can generally assist in most subjects.

# 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 <sup>^</sup>	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 <sup>^</sup>	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 require permission from the school dean. For more information, contact the Academic Support Center. Students must request that an official transcript from the other institution 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. 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 2015-2016 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 2015-2016 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 Overall Grade Point Average (OGPA) of 2.0 to obtain and maintain good standing.

**Academic Probation.** Students are required to maintain a minimum Overall Grade Point Average (OGPA) of 2.0. When students' OGPA falls below 2.0, they will be placed on probation. Freshmen who are placed on probation for the first time will be required to attend an Academic Success Workshop before the start of the following semester. 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 OGPA is 2.0 or greater. If the OGPA 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 subsequent to being placed on academic probation is a SIGPA 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 while on academic probation will result in a suspension.

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 unless they have an OGPA of 2.0 or higher. Students returning on post-suspension probation status who earn a minimum SIGPA of 2.0 or higher will be allowed to continue in the probationary status until the OGPA 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/](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](http://apps.abac.edu/registrar/Student_Resources/AcademicRenewal.pdf)(scroll to page 3)
  - 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 of 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 (SIGPA) of 4.0.

Excluded from the selection criteria:

- I grade 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 (SIGPA) of 3.5.

Excluded from the selection criteria:

- I grade 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 (SIGPA) of 3.5.

Excluded from the selection criteria:

- I grade 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 2114H - World Literature I Beginnings-15th Century (Honors)	3 hours
ENGL 2115H - World Literature II 15th-18th Century (Honors)	3 hours
ENGL 2116H - World Literature III 19th Century-Present (Honors)	3 hours
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
HUMN 1100H - Topics in the Humanities (Honors)	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 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., A.S., or A.S.N. 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. Satisfy all obligations (financial, equipment, academic, etc.) to the College.
7. 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.

8. 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 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 are allowed to receive only one each of A.A., A.S., A.F.A., and A.S.N. degrees.
3. Students may earn only one A.A.S. degree

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.

## 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

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

- Area F - Courses for the Major

**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.

## Academic Programs

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

**Baccalaureate degrees** -- The College offers the Bachelor of Science (B.S.) and the Bachelor of Science in Nursing (B.S.N.) degrees. The Bachelor of Science degree (B.S.) is offered in the fields of agribusiness, agriculture, agricultural communication, agricultural education, biology, business and economic development, environmental horticulture, history and government, natural resource management, rural community development, and writing and communication. 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 two 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.).

# Abraham Baldwin Agricultural College

## The School of Agriculture and Natural Resources

The mission of the School of Agriculture and Natural Resources 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 School offers bachelor degrees in agricultural education, agriculture, environmental horticulture, and natural resource management. In addition, the School offers an Associate of Applied Science degree designed to prepare students for entry-level careers in environmental horticulture technology.

## Department of Agriculture

### Bachelor of Science

### Agribusiness, B.S.

Agribusiness is over a \$72 billion industry in Georgia and represents 16% of the state's employment base. In Florida direct output from agribusiness exceeds \$145 billion. Successful completion of this degree will prepare students for a wide array of exciting and challenging careers within agriculture. Career possibilities include sales and marketing in agriculture-related businesses, Extension and other government service careers, agricultural economics, financial

institutions servicing agriculture, including local commercial banks, 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 our natural renewable resources.

## Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Non-science option\*)

## Area F Courses: 18 hours

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AECO 2200 - Agricultural Records Credit Hour(s): 3
- **OR**
- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- AECO 2258 - Applied Economics Credit Hour(s): 3
- **OR**
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3

## Required Courses for the Major: 42 hours

- AENT 1113 - Power Equipment Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3
- AECO 3200 - Agricultural Records II Credit Hour(s): 3
- AECO 3410 - Commodity Marketing Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 3800 - Food and Agriculture Marketing Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AGRI 4791 - Agriculture Internship Credit Hour(s): 6
- MGMT 3670 - Human Resource Management Credit Hour(s): 3

## Electives: 18 hours

Choose 18 hours from the following: (12 hours have to be from 3000 or 4000 level courses)

- AECO 2265 - Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 3265 - Advanced Agricultural Marketing Practicum Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation and Erosion Control Credit Hour(s): 3

- AGRI 4500 - Farm Operations Credit Hour(s): 3
- AGRI 4790(A) - Agriculture Internship Credit Hour(s): 3 \*\*
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3
- AGRY 3110 - Forage Crops and Pastures Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- AGRY 4050 - Soil Microbiology Credit Hour(s): 3
- ASLH 1125 - Introduction to Poultry Science Credit Hour(s): 3
- ASLH 2203 - Elements of Dairying Credit Hour(s): 3
- ASLH 3110 - Food Animal Evaluation and Selection Credit Hour(s): 3
- ASLH 3120 - Herd Health Credit Hour(s): 3
- ASLH 3318 - Physiology of Reproduction Credit Hour(s): 3
- ASLH 4110 - Meat Production, Processing and Marketing Credit Hour(s): 3
- ASLH 4405 - Applied Animal Nutrition Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- HIST 3280 - Farms, Factories, and Food: A Global Perspective Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- MATH 1112 - Trigonometry Credit Hour(s): 3
- MATH 1113 - Pre-Calculus Mathematics Credit Hour(s): 4
- MATH 2053 - Calculus I Credit Hour(s): 4
- MGMT 3650 - Business Logistics Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3
- MKTG 3600 - Marketing Management Credit Hour(s): 3
- MKTG 4300 - Selling and Negotiating Credit Hour(s): 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 A and D.

\*\*The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.

## **Agriculture, Crop and Soil Science Track, B.S.**

Agribusiness has an economic impact of over \$72 billion in Georgia and over \$145 billion in Florida. Sixteen percent of Georgia's employment base is associated with agriculture. Successful completion of this degree with the diversified curriculum will prepare students for a wide array of exciting and challenging careers within agriculture. Career possibilities include 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 (MPPM) degree as well as other masters programs in plant and soil sciences.

## Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Science option)\*

## Area F Courses: 18 hours

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AENT 1113 - Power Equipment Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3

## Required Courses for the Major: 9 hours

- AECO 2200 - Agricultural Records Credit Hour(s): 3
- OR**
- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
  - AGRI 4791 - Agriculture Internship Credit Hour(s): 6 \*\*

## Track Courses: 40 hours

## Required Courses: 40 hours

- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation and Erosion Control Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- BIOL 3200 - Genetics Credit Hour(s): 4
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3
- CHEM 1212L - Principles of Chemistry II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3
- CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3

## Elective Courses: 11 hours

Choose 11 hours from the following (6 hours must be 3000 or 4000 level courses):

- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- AECO 3200 - Agricultural Records II Credit Hour(s): 3



- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 3800 - Food and Agriculture Marketing Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2100 - Engineering Principles Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AENG 4300 - Spatial Data Analysis in Agriculture Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AGRI 4500 - Farm Operations Credit Hour(s): 3
- AGRI 4790(A) - Agriculture Internship Credit Hour(s): 3 \*\*
- AGRY 3110 - Forage Crops and Pastures Credit Hour(s): 3
- AGRY 4050 - Soil Microbiology Credit Hour(s): 3
- AGRY 4890 - Special Topics in Crop Science Credit Hour(s): 3
- AGRY 4891 - Special Topics in Crop Science Credit Hour(s): 3
- AGRY 4892 - Special Topics in Crop Science Credit Hour(s): 3
- BIOL 3100 - Introductory Biochemistry and Molecular Biology Credit Hour(s): 4
- BIOL 3200 - Genetics Credit Hour(s): 4
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3
- CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1
- MATH 1112 - Trigonometry Credit Hour(s): 3
- MATH 1113 - Pre-Calculus Mathematics Credit Hour(s): 4
- MATH 2000 - Statistics Credit Hour(s): 3
- MATH 2053 - Calculus I Credit Hour(s): 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 A and D.

\*\*The maximum number of hours that will be awarded for credit for completion of internships is 9 semester credit hours.

## Agriculture, Crop Production Track, B.S.

Agribusiness is over a \$72 billion industry in Georgia and over \$145 billion in direct output in Florida. Over 371,000 jobs of Georgia's employment base are associated with agriculture. Florida officials estimate that agriculture provides more than 2 million jobs in their state. Career targets include crop production, sales and marketing in agriculture-related businesses, extension and other government service careers, crop consulting, precision agriculture, farm management, and other agriculture production positions. Students completing the diversified agriculture curriculum will learn the principles of managing land, people, money and other resources to produce a profit while servicing the consuming public and conserving our natural renewable resources.

## Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Non-Science option)\*

## Area F Courses: 18 hours

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AENT 1113 - Power Equipment Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3

## Required Courses for the Major: 9 hours

- AECO 2200 - Agricultural Records Credit Hour(s): 3
- **OR**
- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- AGRI 4791 - Agriculture Internship Credit Hour(s): 6 \*\*

## Track Courses: 36 hours

### Required courses: 36 hours

- AECO 2258 - Applied Economics Credit Hour(s): 3
- **OR**
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- AECO 3410 - Commodity Marketing Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 3800 - Food and Agriculture Marketing Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3

## Elective Courses: 15 hours

Choose 15 hours from the following (3 hours must be 3000 or 4000 level courses)

- AECO 2265 - Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 3200 - Agricultural Records II Credit Hour(s): 3
- AECO 3265 - Advanced Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2100 - Engineering Principles Credit Hour(s): 3

- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AENG 3201 - Biofuels Technology Credit Hour(s): 3
- AENG 4300 - Spatial Data Analysis in Agriculture Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation and Erosion Control Credit Hour(s): 3
- AGED 3030 - Floral Management Credit Hour(s): 3
- AGED 4040 - Greenhouse and Nursery Management Credit Hour(s): 3
- AGED 4340 - Community Programs in Agriculture Credit Hour(s): 3
- AGED 4370 - Agriscience Applications Credit Hour(s): 3
- AGRI 2201 - Special Problems in Agriculture Credit Hour(s): 3
- AGRI 4500 - Farm Operations Credit Hour(s): 3
- AGRI 4790(A) - Agriculture Internship Credit Hour(s): 3 \*\*
- AGRY 3110 - Forage Crops and Pastures Credit Hour(s): 3
- AGRY 4050 - Soil Microbiology Credit Hour(s): 3
- AGRY 4890 - Special Topics in Crop Science Credit Hour(s): 3
- AGRY 4891 - Special Topics in Crop Science Credit Hour(s): 3
- AGRY 4892 - Special Topics in Crop Science Credit Hour(s): 3
- ASLH 1125 - Introduction to Poultry Science Credit Hour(s): 3
- ASLH 2203 - Elements of Dairying Credit Hour(s): 3
- ASLH 3110 - Food Animal Evaluation and Selection Credit Hour(s): 3
- ASLH 3318 - Physiology of Reproduction Credit Hour(s): 3
- ASLH 4110 - Meat Production, Processing and Marketing Credit Hour(s): 3
- ASLH 4205 - Beef Production Credit Hour(s): 3
- ASLH 4890 - Special Topics in Animal Science Credit Hour(s): 3
- ASLH 4891 - Special Topics in Animal Science Credit Hour(s): 3
- ASLH 4892 - Special Topics in Animal Science Credit Hour(s): 3
- BUSA 2100 - Spreadsheet Applications Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3
- CHEM 1212L - Principles of Chemistry II Laboratory Credit Hour(s): 1
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food: A Global Perspective Credit Hour(s): 3
- MATH 1112 - Trigonometry Credit Hour(s): 3
- MATH 1113 - Pre-Calculus Mathematics Credit Hour(s): 4
- MATH 2000 - Statistics Credit Hour(s): 3
- MATH 2053 - Calculus I Credit Hour(s): 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 A and D.

\*\*The maximum number of hours that will be awarded for credit for completion of internships is 9 semester credit hours.

# Agriculture, General Track, B.S.

A degree in Agriculture with a diversified curriculum can be a path to a number of careers within ag- and environment-focused private/public companies and state or federal agencies. Agribusiness is over a \$72 billion industry in Georgia and represents 16% of the state's employment base. Career targets include agriculture supply and manufacturing companies; cotton gins; financial institutions servicing agriculture, including local commercial banks; ag-related marketing businesses; livestock or seedstock 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 our natural renewable resources.

## Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Non-science option)\*

## Area F Courses: 18 hours

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AENT 1113 - Power Equipment Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3

## Required Courses for the Major: 9 hours

- AECO 2200 - Agricultural Records Credit Hour(s): 3
- **OR**
- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- AGRI 4791 - Agriculture Internship Credit Hour(s): 6 \*\*

## Track Courses: 24 hours

## Required Courses: 24 hours

- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 3800 - Food and Agriculture Marketing Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- ASLH 3120 - Herd Health Credit Hour(s): 3
- ASLH 4405 - Applied Animal Nutrition Credit Hour(s): 3

## Elective Courses: 27 hours

Choose 27 hours from the following: (12 hours must be 3000 or 4000 level courses):

- AECO 2258 - Applied Economics Credit Hour(s): 3
- OR**
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- AECO 2265 - Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 3200 - Agricultural Records II Credit Hour(s): 3
- AECO 3265 - Advanced Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 3410 - Commodity Marketing Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2100 - Engineering Principles Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AENG 4300 - Spatial Data Analysis in Agriculture Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation and Erosion Control Credit Hour(s): 3
- AGED 3030 - Floral Management Credit Hour(s): 3
- AGED 4040 - Greenhouse and Nursery Management Credit Hour(s): 3
- AGED 4340 - Community Programs in Agriculture Credit Hour(s): 3
- AGED 4370 - Agriscience Applications Credit Hour(s): 3
- AGRI 2201 - Special Problems in Agriculture Credit Hour(s): 3
- AGRI 4790(A) - Agriculture Internship Credit Hour(s): 3 \*\*
- AGRI 4500 - Farm Operations Credit Hour(s): 3
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3
- AGRY 3110 - Forage Crops and Pastures Credit Hour(s): 3
- AGRY 4050 - Soil Microbiology Credit Hour(s): 3
- AGRY 4890 - Special Topics in Crop Science Credit Hour(s): 3
- AGRY 4891 - Special Topics in Crop Science Credit Hour(s): 3
- AGRY 4892 - Special Topics in Crop Science Credit Hour(s): 3
- ASLH 3110 - Food Animal Evaluation and Selection Credit Hour(s): 3
- ASLH 3318 - Physiology of Reproduction Credit Hour(s): 3
- ASLH 4110 - Meat Production, Processing and Marketing Credit Hour(s): 3
- ASLH 4205 - Beef Production Credit Hour(s): 3
- ASLH 4890 - Special Topics in Animal Science Credit Hour(s): 3
- ASLH 4891 - Special Topics in Animal Science Credit Hour(s): 3
- ASLH 4892 - Special Topics in Animal Science Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3
- CHEM 1212L - Principles of Chemistry II Laboratory Credit Hour(s): 1
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education Credit Hour(s): 3
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts Credit Hour(s): 3
- EDUC 2130 - Exploring Learning and Teaching Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food: A Global Perspective Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3

- MATH 1112 - Trigonometry Credit Hour(s): 3
- MATH 1113 - Pre-Calculus Mathematics Credit Hour(s): 4
- MATH 2000 - Statistics Credit Hour(s): 3
- MATH 2053 - Calculus I Credit Hour(s): 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 A and D.

\*\*The maximum number of hours that will be awarded for credit for completion of internships is 9 semester credit hours.

## Agriculture, Livestock Production Track, B.S.

Agribusiness has an economic impact of over \$72 billion in Georgia and over \$145 billion in Florida. Sixteen percent of Georgia's employment base is associated with agriculture. Successful completion of the diversified agriculture curriculum for this degree will prepare students for a wide array of exciting and challenging careers within agriculture. Career possibilities include 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 workers and leaders who will help feed and clothe an ever-increasing population.

### Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Non-science option)\*

### Area F Courses: 18 hours

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AENT 1113 - Power Equipment Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3

### Required Courses for the Major: 9 hours

- AECO 2200 - Agricultural Records Credit Hour(s): 3
- **OR**
- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- AGRI 4791 - Agriculture Internship Credit Hour(s): 6 \*\*

### Track Courses: 30 hours

## Required Courses: 30 hours

- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AGRY 3110 - Forage Crops and Pastures Credit Hour(s): 3
- ASLH 3110 - Food Animal Evaluation and Selection Credit Hour(s): 3
- ASLH 3120 - Herd Health Credit Hour(s): 3
- ASLH 3318 - Physiology of Reproduction Credit Hour(s): 3
- ASLH 4110 - Meat Production, Processing and Marketing Credit Hour(s): 3
- ASLH 4405 - Applied Animal Nutrition Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3

## Elective Courses: 21 hours

Choose 21 hours from the following (6 hours must be 3000 or 4000 level courses).

- AECO 2265 - Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 2258 - Applied Economics Credit Hour(s): 3
- **OR**
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- AECO 3200 - Agricultural Records II Credit Hour(s): 3
- AECO 3265 - Advanced Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 3410 - Commodity Marketing Credit Hour(s): 3
- AECO 3800 - Food and Agriculture Marketing Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2100 - Engineering Principles Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation and Erosion Control Credit Hour(s): 3
- AGRI 2201 - Special Problems in Agriculture Credit Hour(s): 3
- AGRI 4500 - Farm Operations Credit Hour(s): 3
- AGRI 4790(A) - Agriculture Internship Credit Hour(s): 3 \*\*
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- AGRY 4050 - Soil Microbiology Credit Hour(s): 3
- ASLH 1125 - Introduction to Poultry Science Credit Hour(s): 3
- ASLH 2203 - Elements of Dairying Credit Hour(s): 3
- ASLH 4205 - Beef Production Credit Hour(s): 3
- ASLH 4890 - Special Topics in Animal Science Credit Hour(s): 3
- ASLH 4891 - Special Topics in Animal Science Credit Hour(s): 3
- ASLH 4892 - Special Topics in Animal Science Credit Hour(s): 3

- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education Credit Hour(s): 3
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts Credit Hour(s): 3
- EDUC 2130 - Exploring Learning and Teaching Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food: A Global Perspective Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- MATH 1112 - Trigonometry Credit Hour(s): 3
- MATH 1113 - Pre-Calculus Mathematics Credit Hour(s): 4
- MATH 2000 - Statistics Credit Hour(s): 3
- MATH 2053 - Calculus I Credit Hour(s): 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 A and D.

\*\*The maximum number of hours that will be awarded for credit for completion of internships is 9 semester credit hours.

## **Environmental Horticulture, Turfgrass and Golf Course Management Track, B.S.**

The Turfgrass and Golf Course Management track of Environmental Horticulture 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.

### Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Non-Science option)\*

### Area F Courses: 18 hours

- AENT 1113 - Power Equipment Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- HORT 2231 - Turfgrass Science and Technology Credit Hour(s): 3
- HORT 2232 - Turf and Ornamental Pest Management Credit Hour(s): 3
- HORT 2233 - Golf Course Design and Management Credit Hour(s): 3
- HORT 2239 - Grounds Irrigation Systems Credit Hour(s): 3

### Required Courses for the Major: 18 hours



- HORT 3310 - Best Management Practices in Turfgrass Credit Hour(s): 3
- HORT 3520 - Computations in Turfgrass Maintenance Credit Hour(s): 3
- HORT 4320 - Management of Fine Turf Credit Hour(s): 3
- HORT 4610 - Turfgrass Resources Credit Hour(s): 3
- HORT 4791 - Environmental Horticulture Internship Credit Hour(s): 6

## Track Courses: 21 hours

Choose 21 hours from the following:

- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AENG 3201 - Biofuels Technology Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation and Erosion Control Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- COMM 3850 - Introduction to Public Relations Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- HORT 3230 - Insect and Nematode Management Credit Hour(s): 3
- HORT 3236 - Environmental Issues in Urban Agriculture Credit Hour(s): 3
- HORT 3250 - Turfgrass Diseases Credit Hour(s): 3
- HORT 4330 - Construction, Renovation and Grow-In Credit Hour(s): 3
- HORT 4790(A) - Environmental Horticulture Internship Credit Hour(s): 3
- HORT 4890 - Special Topics in Horticulture Credit Hour(s): 3
- HORT 4891 - Special Topics in Horticulture Credit Hour(s): 3
- HORT 4892 - Special Topics in Horticulture Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3
- MGMT 4260 - Small Business Management Credit Hour(s): 3
- Upper Level Elective Choose advisor approved 3000 or 4000 course Credit Hour(s): 3

## Open Electives: Choose 21 Hours from the Following: 21 hours

- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- **OR**
- AECO 2200 - Agricultural Records Credit Hour(s): 3
- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- BIOL 2070 - Botany Credit Hour(s): 4
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3
- HORT 2202 - Grounds Maintenance Equipment Credit Hour(s): 3
- HORT 2208 - Experiential Learning in Turfgrass Credit Hour(s): 3
- HORT 2215 - Landscape Design Credit Hour(s): 3

- HORT 2237 - Sports Turf Management Credit Hour(s): 3
- HORT 2241 - Grounds Management Credit Hour(s): 3
- HORT 2270 - Woody Ornamental Plant Identification Credit Hour(s): 3
- HORT 2271 - Herbaceous Ornamental Plant Identification Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3
- SPAN 1110 - Spanish for the Agricultural Industry Credit Hour(s): 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 A and D.

## **Environmental Horticulture, Turfgrass Science Track, B.S.**

The Turfgrass Science track prepares students for careers in golf turf, sports turf, professional lawn care, turf production, and grounds management. Students will be prepared for entry into graduate programs in horticulture, turfgrass, and crop and soil science. Students are encouraged to network with the related national and state professional associations as a student member.

### Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Science option)\*

### Area F Courses: 18 hours

- AENT 1113 - Power Equipment Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- HORT 2231 - Turfgrass Science and Technology Credit Hour(s): 3
- HORT 2232 - Turf and Ornamental Pest Management Credit Hour(s): 3
- HORT 2233 - Golf Course Design and Management Credit Hour(s): 3
- HORT 2239 - Grounds Irrigation Systems Credit Hour(s): 3

### Required Courses for the Major: 18 hours

- HORT 3310 - Best Management Practices in Turfgrass Credit Hour(s): 3
- HORT 3520 - Computations in Turfgrass Maintenance Credit Hour(s): 3
- HORT 4320 - Management of Fine Turf Credit Hour(s): 3
- HORT 4610 - Turfgrass Resources Credit Hour(s): 3
- HORT 4791 - Environmental Horticulture Internship Credit Hour(s): 6

### Science Courses: 12 hours

- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1

- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3
- CHEM 1212L - Principles of Chemistry II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3
- CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1

## Track Courses: 21 hours

Choose 21 hours from the following:

- AENG 3201 - Biofuels Technology Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation and Erosion Control Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- BIOL 3040 - Plant Pathology Credit Hour(s): 4
- BIOL 3200 - Genetics Credit Hour(s): 4
- BIOL 4200 - Plant Physiology Credit Hour(s): 4
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- HORT 3230 - Insect and Nematode Management Credit Hour(s): 3
- HORT 3236 - Environmental Issues in Urban Agriculture Credit Hour(s): 3
- HORT 3250 - Turfgrass Diseases Credit Hour(s): 3
- HORT 4330 - Construction, Renovation and Grow-In Credit Hour(s): 3
- HORT 4790(A) - Environmental Horticulture Internship Credit Hour(s): 3
- HORT 4892 - Special Topics in Horticulture Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3
- Upper Level Elective Choose Advisor approved 3000 or 4000 course Credit Hour(s): 1-4

## Open Electives: 9 hours

Choose 9 hours from the following:

- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- **OR**
- AECO 2200 - Agricultural Records Credit Hour(s): 3
- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- BIOL 2070 - Botany Credit Hour(s): 4
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3
- HORT 2202 - Grounds Maintenance Equipment Credit Hour(s): 3
- HORT 2208 - Experiential Learning in Turfgrass Credit Hour(s): 3
- HORT 2215 - Landscape Design Credit Hour(s): 3
- HORT 2237 - Sports Turf Management Credit Hour(s): 3
- HORT 2241 - Grounds Management Credit Hour(s): 3

- HORT 2270 - Woody Ornamental Plant Identification Credit Hour(s): 3
- HORT 2271 - Herbaceous Ornamental Plant Identification Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3
- SPAN 1110 - Spanish for the Agricultural Industry Credit Hour(s): 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 A and D.

# Department of Education

## Bachelor of Science

### Agricultural Education, Agricultural Studies Track, B.S.

The Agricultural Education major, Agricultural Studies track, is designed for students who desire to pursue education related careers such as educational specialists for industry, nonprofit organizations, and government agencies.

Agricultural Education provides the foundation courses for students to earn a degree in agriculture along with the professional education courses preparing them as education specialist. The discipline specific courses are paired with courses that prepare students to teach and work with diverse student population in an agricultural setting. Courses include Curriculum Planning, Students with Special Needs, Educational Technologies, Instructional Design, and Program Planning in Agricultural Science. The additional coursework for Agricultural Education majors is diverse. Students choose coursework from several areas: Animal Science, Plant and Soil Science, Agricultural Engineering, Forestry, Wildlife, and Agricultural Economics.

### Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Science option)

- Students should closely follow their advisor's recommendations for appropriate selections in Core Curriculum Area A and D.
- Area D recommendations: BIOL 1107/BIOL 1107L, BIOL 1108/BIOL 1108L or CHEM 1211/CHEM 1211L, and MATH 2000.
- Agriculture Education majors are exempt from Area D sequence requirement for Science Majors.

### Area F Courses: 18 hours

### Required Courses: 12 hours

- AENT 1113 - Power Equipment Credit Hour(s): 3
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education Credit Hour(s): 3
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts Credit Hour(s): 3
- EDUC 2130 - Exploring Learning and Teaching Credit Hour(s): 3

## Choose 6 hours from the following:

It is recommended that courses be selected to meet prerequisites for upper level courses.

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- AECO 2265 - Agricultural Marketing Practicum Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- **OR**
- HORT 2232 - Turf and Ornamental Pest Management Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- ASLH 1125 - Introduction to Poultry Science Credit Hour(s): 3
- **OR**
- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- ASLH 2203 - Elements of Dairying Credit Hour(s): 3
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- COMM 2100 - Interpersonal Communication Credit Hour(s): 3
- FRSC 1190 - Natural Resource Conservation Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3

## Required Courses for the Major: 24 hours

### Professional Education Courses:

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

- EDUC 4010 - Early Clinical Experience in Agricultural Education Credit Hour(s): 3
- EDUC 4350 - Curriculum Development Credit Hour(s): 3
- EDUC 4360 - Pedagogy and Instructional Methods Credit Hour(s): 3
- SPED 3000 - Teaching Students with Special Needs Credit Hour(s): 3
- AGED 3390 - Agriculture Practicum Credit Hour(s): 3
- AGED 4040 - Greenhouse and Nursery Management Credit Hour(s): 3
- AGED 4340 - Community Programs in Agriculture Credit Hour(s): 3
- AGED 4370 - Agriscience Applications Credit Hour(s): 3

## Elective Courses: 39 hours

Choose 39 hours from the following (Minimum of 15 hours must be 3000 or 4000 level)

- AECO 2200 - Agricultural Records Credit Hour(s): 3
- AECO 3265 - Advanced Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 3410 - Commodity Marketing Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 3800 - Food and Agriculture Marketing Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3

- AENG 2100 - Engineering Principles Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AENG 4890 - Special Topics in Agricultural Engineering Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation and Erosion Control Credit Hour(s): 3
- AGED 3030 - Floral Management Credit Hour(s): 3
- AGED 4890 - Special Topics in Agricultural Education Credit Hour(s): 3
- AGED 4891 - Special Topics in Agricultural Education Credit Hour(s): 3
- AGED 4892 - Special Topics in Agricultural Education Credit Hour(s): 3
- AGRI 4790(A) - Agriculture Internship Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3
- AGRY 3110 - Forage Crops and Pastures Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- ASLH 3110 - Food Animal Evaluation and Selection Credit Hour(s): 3
- ASLH 3120 - Herd Health Credit Hour(s): 3
- ASLH 3318 - Physiology of Reproduction Credit Hour(s): 3
- ASLH 4110 - Meat Production, Processing and Marketing Credit Hour(s): 3
- ASLH 4405 - Applied Animal Nutrition Credit Hour(s): 3
- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food: A Global Perspective Credit Hour(s): 3
- HORT 2215 - Landscape Design Credit Hour(s): 3
- HORT 2270 - Woody Ornamental Plant Identification Credit Hour(s): 3
- HORT 2231 - Turfgrass Science and Technology Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- HORT 3230 - Insect and Nematode Management Credit Hour(s): 3
- HORT 3236 - Environmental Issues in Urban Agriculture Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3
- MKTG 4300 - Selling and Negotiating Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3
- SOCI 3000 - Rural Sociology Credit Hour(s): 3

Total Hours Required for the Degree: 123 hours

Plus PHED 1100 and two PE activities courses.

**NOTE: Additional requirements exist before a graduate from this track can be certified to teach agricultural education.**

**Agricultural Education, Education Track, B.S.**

The Agricultural Education major, Education track, is designed for students who desire to teach secondary agricultural education. This program provides the foundation courses for students to earn a degree along with the professional education courses leading to teaching credentials in Agricultural Education. The discipline specific courses are paired with courses that prepare students to teach and work with a diverse student population in an agricultural setting. Courses include Curriculum Planning, Students with Special Needs, Educational Technologies, Instructional Design, and Program Planning in Agricultural Science. The additional coursework for Agricultural Education majors is diverse. Students choose coursework from several areas including Animal Science, Plant and Soil Science, Agricultural Engineering, Forestry, Wildlife, and Agricultural Economics. **A minimum Overall GPA of 2.5 is required for admission to Teacher Education**

## Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Science option)

- Students should closely follow their advisor's recommendations for appropriate selections in Core Curriculum Area A and D.
- Area D recommendations: BIOL 1107/BIOL 1107L, BIOL 1108/BIOL 1108L or CHEM 1211/CHEM 1211L, and MATH 2000.
- Agriculture Education majors are exempt from Area D sequence requirement for Science Majors.

## Area F Courses: 18 hours

### Required Courses: 12 hours

- AENT 1113 - Power Equipment Credit Hour(s): 3
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education Credit Hour(s): 3
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts Credit Hour(s): 3
- EDUC 2130 - Exploring Learning and Teaching Credit Hour(s): 3

### Choose 6 hours from the following:

It is recommended that courses be selected to meet prerequisites for upper level courses.

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- AECO 2265 - Agricultural Marketing Practicum Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- **OR**
- HORT 2232 - Turf and Ornamental Pest Management Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- ASLH 1125 - Introduction to Poultry Science Credit Hour(s): 3
- **OR**
- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- ASLH 2203 - Elements of Dairying Credit Hour(s): 3
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- COMM 2100 - Interpersonal Communication Credit Hour(s): 3
- FRSC 1190 - Natural Resource Conservation Credit Hour(s): 3

- HORT 2201 - Principles of Plant Science Credit Hour(s): 3

## Required Courses for the Major: 36 hours

### Professional Education Courses:

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

- EDUC 4010 - Early Clinical Experience in Agricultural Education Credit Hour(s): 3 \*
- EDUC 4350 - Curriculum Development Credit Hour(s): 3 \*
- EDUC 4360 - Pedagogy and Instructional Methods Credit Hour(s): 3 \*
- EDUC 4460 - Student Teaching Practicum Credit Hour(s): 12 \*
- SPED 3000 - Teaching Students with Special Needs Credit Hour(s): 3
- AGED 3390 - Agriculture Practicum Credit Hour(s): 3
- AGED 4040 - Greenhouse and Nursery Management Credit Hour(s): 3
- AGED 4340 - Community Programs in Agriculture Credit Hour(s): 3
- AGED 4370 - Agriscience Applications Credit Hour(s): 3

### Elective Courses: 27 hours

Choose 27 hours from the following (Minimum of 3 hours must be 3000 or 4000 level)

- AECO 2200 - Agricultural Records Credit Hour(s): 3
- AECO 3265 - Advanced Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 3410 - Commodity Marketing Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 3800 - Food and Agriculture Marketing Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AENG 2100 - Engineering Principles Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AENG 4890 - Special Topics in Agricultural Engineering Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation and Erosion Control Credit Hour(s): 3
- AGED 3030 - Floral Management Credit Hour(s): 3
- AGED 4890 - Special Topics in Agricultural Education Credit Hour(s): 3
- AGED 4891 - Special Topics in Agricultural Education Credit Hour(s): 3
- AGED 4892 - Special Topics in Agricultural Education Credit Hour(s): 3
- AGRI 4790(A) - Agriculture Internship Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3
- AGRY 3110 - Forage Crops and Pastures Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- ASLH 3110 - Food Animal Evaluation and Selection Credit Hour(s): 3
- ASLH 3120 - Herd Health Credit Hour(s): 3



- ASLH 3318 - Physiology of Reproduction Credit Hour(s): 3
- ASLH 4110 - Meat Production, Processing and Marketing Credit Hour(s): 3
- ASLH 4405 - Applied Animal Nutrition Credit Hour(s): 3
- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food: A Global Perspective Credit Hour(s): 3
- HORT 2215 - Landscape Design Credit Hour(s): 3
- HORT 2270 - Woody Ornamental Plant Identification Credit Hour(s): 3
- HORT 2231 - Turfgrass Science and Technology Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- HORT 3230 - Insect and Nematode Management Credit Hour(s): 3
- HORT 3236 - Environmental Issues in Urban Agriculture Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3
- MKTG 4300 - Selling and Negotiating Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3
- SOCI 3000 - Rural Sociology Credit Hour(s): 3

**Total Hours Required for the Degree: 123 hours**

Plus PHED 1100 and two PE activities courses.

\*Students must apply and be accepted to Teacher Education before taking the professional teacher education courses series. A minimum Overall GPA of 2.5 is required for admission to Teacher Education.

**NOTE: Additional requirements exist before a graduate from this track can be certified to teach agricultural education.**

## **Department of Forest Resources**

### **Associate of Applied Science**

### **Environmental Horticulture Technology, Golf & Sports Turf Management Track, A.A.S.**

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 for the Major: 55 hours**

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

## Elective Courses:

Choose 6 hours from below with advisor approval:

- AECO 2200 - Agricultural Records Credit Hour(s): 3
- OR**
- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3
- HORT 2202 - Grounds Maintenance Equipment Credit Hour(s): 3
- HORT 2208 - Experiential Learning in Turfgrass Credit Hour(s): 3
- HORT 2215 - Landscape Design Credit Hour(s): 3
- HORT 2241 - Grounds Management Credit Hour(s): 3
- SPAN 1110 - Spanish for the Agricultural Industry Credit Hour(s): 3

## Total Hours Required for the Degree: 61 hours

Plus PHED 1100 and two PE activities courses.

\*Minimum grade of C is required in ENGL 1101, ENGL 1102, and MATH 1001 or higher (excluding MATH 2008).

\*\*Students must have a minimum of 2.0 overall GPA, completed 30 semester hours of course work AND receive advisor approval before taking HORT 2230.

## **Environmental Horticulture Technology, Landscape Design & Grounds Management Track, A.A.S.**

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 for the Major: 55 hours**

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- ENGL 1101 - Composition I Credit Hour(s): 3 \*
- ENGL 1102 - Composition II Credit Hour(s): 3 \*
- HIST 2111 - United States History I Credit Hour(s): 3
- **OR**
- HIST 2112 - United States History II Credit Hour(s): 3
- Humanities Elective See Humanities Electives for AAS Majors Credit Hour(s): 3
- MATH 1001 - Quantitative Reasoning Credit Hour(s): 3 \* (or higher)
- POLS 1101 - American Government Credit Hour(s): 3
- COMM 1100 - Human Communication Credit Hour(s): 3
- **OR**
- COMM 1110 - Public Speaking Credit Hour(s): 3
- AENT 1113 - Power Equipment Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- AGRI 2209 - Agricultural Seminar Credit Hour(s): 1
- HORT 2215 - Landscape Design Credit Hour(s): 3
- HORT 2231 - Turfgrass Science and Technology Credit Hour(s): 3
- HORT 2232 - Turf and Ornamental Pest Management Credit Hour(s): 3
- HORT 2239 - Grounds Irrigation Systems Credit Hour(s): 3
- HORT 2240 - Landscape Internship Credit Hour(s): 3 \*\*
- HORT 2241 - Grounds Management Credit Hour(s): 3
- HORT 2270 - Woody Ornamental Plant Identification Credit Hour(s): 3

### **Elective Courses:**

Choose 6 hours from below with advisor approval:

- AECO 2200 - Agricultural Records Credit Hour(s): 3
- **OR**
- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- AECO 2260 - Agricultural Marketing Credit Hour(s): 3

- AENT 2113 - Power Equipment II Credit Hour(s): 3
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3
- HORT 2202 - Grounds Maintenance Equipment Credit Hour(s): 3
- HORT 2207 - Experiential Learning in Landscape Credit Hour(s): 3
- HORT 2233 - Golf Course Design and Management Credit Hour(s): 3
- HORT 2237 - Sports Turf Management Credit Hour(s): 3
- HORT 2271 - Herbaceous Ornamental Plant Identification Credit Hour(s): 3
- SPAN 1110 - Spanish for the Agricultural Industry Credit Hour(s): 3

## Total Hours Required for the Degree: 61 hours

Plus PHED 1100 and two PE activities courses.

\*Minimum grade of C is required in ENGL 1101, ENGL 1102, and MATH 1001 or higher (excluding MATH 2008).

\*\*Students must have a minimum of 2.0 overall GPA, completed 30 semester hours of course work **AND** receive advisor approval before taking HORT 2240.

## Bachelor of Science

### Natural Resource Management, Conservation Law Enforcement Track, B.S.

The Conservation Law Enforcement track of Natural Resource Management is designed to educate and prepare students for careers in Conservation Law Enforcement. There are additional requirements that must be met before graduates from this program can become a certified law enforcement officer in Georgia. A summary of the steps required can be found at [http://www.gadnr.org/careers?cat=inside\\_dnr](http://www.gadnr.org/careers?cat=inside_dnr). Since all criminal justice courses are a part of the Peace Officer Standards and Training (POST) basic certification, the focus of this degree program is to give students a solid foundation in wildlife ecology and management and to enhance their written and oral communication skills through a variety of advanced courses in communication and public administration. Lab activities and field trips are heavily geared towards experiential learning.

A minimum grade of C is required in all Forest Resources (FRSC prefix) courses.

### Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Science option)\*

### Area F Courses: 18 hours

- FRSC 1192 - Wildlife Ecology and Management I Credit Hour(s): 3
  - FRSC 2261 - Wildlife Ecology and Management II Credit Hour(s): 3
  - FRSC 1150 - Equipment Operation in Forest Resources Credit Hour(s): 3
  - FRSC 2100 - Herbaceous Plant Communities Credit Hour(s): 3
  - FRSC 2200 - Soils in Forest Resources Credit Hour(s): 3
- OR**

- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- FRSC 1190 - Natural Resource Conservation Credit Hour(s): 3
- OR**
- SCIE 1005 - Environmental Science Credit Hour(s): 3

### Required courses for the major: 57 hours

- FRSC 2260 - Conservation Law Enforcement Credit Hour(s): 2
- OR**
- FRSC 2266 - Aquatic Habitats Credit Hour(s): 2
- ENGL 3020 - Advanced Composition Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- COMM 3325 - Intercultural Communication Credit Hour(s): 3
- COMM 3850 - Introduction to Public Relations Credit Hour(s): 3
- PADM 3500 - Introduction to Public Administration Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3
- FRSC 3070 - Dendrology Credit Hour(s): 3
- FRSC 3265 - Silviculture Credit Hour(s): 4
- FRSC 3140 - Forest Measurements & Mapping Credit Hour(s): 3
- FRSC 3262 - Introduction to Fisheries Credit Hour(s): 3
- FRSC 3363 - Techniques in Wildlife Management Credit Hour(s): 4
- FRSC 3135 - Nongame Wildlife Conservation and Management Credit Hour(s): 2
- FRSC 3243 - Geographic Information Systems Credit Hour(s): 4
- FRSC 4910 - Natural Resources Policy & Law Credit Hour(s): 3
- FRSC 3130 - Endangered Species Management Credit Hour(s): 2
- FRSC 4370 - Natural Resources Recreation Credit Hour(s): 2
- FRSC 4630 - Senior Project Credit Hour(s): 4

### Choose 3 Hours from the Following: 3 hours

- FRSC 3200 - Wildlife Damage Management Credit Hour(s): 3
- FRSC 3400 - Techniques in Fisheries Management Credit Hour(s): 3
- FRSC 3770 - Ornithology Credit Hour(s): 3
- FRSC 3600 - Waterfowl Management Credit Hour(s): 3
- FRSC 3700 - Upland Game Bird Management Credit Hour(s): 3
- FRSC 4790(A) - Forest Resources Internship Credit Hour(s): 3
- FRSC 3880 - Herpetology Credit Hour(s): 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.

## **Natural Resource Management, Forestry Track, B.S.**

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 (42 hours)

(See ABAC Core Curriculum, using Area D Science option)\*

## Area F Courses: 18 hours

- FRSC 2275 - Forest Industries Credit Hour(s): 2
  - FRSC 2285 - Forestry Seminar Credit Hour(s): 1
  - FRSC 2243 - Geographic Information Systems Credit Hour(s): 4
  - FRSC 2250 - Forest Entomology and Pathology Credit Hour(s): 2
  - FRSC 2280 - Forest Harvesting Credit Hour(s): 2
  - CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
  - CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
  - FRSC 2200 - Soils in Forest Resources Credit Hour(s): 3
- OR**
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3

## Required Courses for the Major: 51 hours

- FRSC 2240 - Forest Safety Credit Hour(s): 1
- FRSC 3070 - Dendrology Credit Hour(s): 3
- FRSC 3265 - Silviculture Credit Hour(s): 4
- FRSC 3140 - Forest Measurements & Mapping Credit Hour(s): 3
- FRSC 3255 - Forest Mensuration Credit Hour(s): 5
- FRSC 3290 - Timber Management Credit Hour(s): 5
- FRSC 3130 - Endangered Species Management Credit Hour(s): 2
- FRSC 3150 - Wildlife Management Principles Credit Hour(s): 3
- FRSC 3300 - Fire Ecology & Management Credit Hour(s): 4
- FRSC 3520 - Forest Hydrology & Wetlands Management Credit Hour(s): 4
- FRSC 4125 - Fiber Procurement Credit Hour(s): 2
- FRSC 4370 - Natural Resources Recreation Credit Hour(s): 2
- FRSC 4630 - Senior Project Credit Hour(s): 4
- FRSC 4910 - Natural Resources Policy & Law Credit Hour(s): 3
- FRSC 4250 - Forest Finance Credit Hour(s): 3
- FRSC 4265 - Advanced Silviculture Credit Hour(s): 3

## Choose 9 Hours from the Following: 9 hours

- FRSC 4350 - Forest Nursery and Seed Orchard Management Credit Hour(s): 3
- FRSC 3170 - Advanced Forest Ecology Credit Hour(s): 3
- FRSC 4790(A) - Forest Resources Internship Credit Hour(s): 3

- FRSC 4590 - Forest Issues Credit Hour(s): 3
- FRSC 4300 - Urban Forestry Credit Hour(s): 3
- FRSC 4400 - Forestry Herbicide and Vegetation Management Credit Hour(s): 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.

## Natural Resource Management, Wildlife Track, B.S.

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 (42 hours)

(See ABAC Core Curriculum, using Area D Science option)\*

### Area F Courses: 18 hours

- FRSC 1192 - Wildlife Ecology and Management I Credit Hour(s): 3
- FRSC 2261 - Wildlife Ecology and Management II Credit Hour(s): 3
- FRSC 1150 - Equipment Operation in Forest Resources Credit Hour(s): 3
- FRSC 2100 - Herbaceous Plant Communities Credit Hour(s): 3
- FRSC 2200 - Soils in Forest Resources Credit Hour(s): 3
- OR**
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- FRSC 1190 - Natural Resource Conservation Credit Hour(s): 3
- OR**
- SCIE 1005 - Environmental Science Credit Hour(s): 3

### Required Courses for the Major: 51 hours

- FRSC 2260 - Conservation Law Enforcement Credit Hour(s): 2
- OR**
- FRSC 2266 - Aquatic Habitats Credit Hour(s): 2
- FRSC 3140 - Forest Measurements & Mapping Credit Hour(s): 3
- FRSC 3070 - Dendrology Credit Hour(s): 3
- FRSC 3265 - Silviculture Credit Hour(s): 4
- FRSC 3262 - Introduction to Fisheries Credit Hour(s): 3
- FRSC 3363 - Techniques in Wildlife Management Credit Hour(s): 4
- FRSC 3135 - Nongame Wildlife Conservation and Management Credit Hour(s): 2
- FRSC 3243 - Geographic Information Systems Credit Hour(s): 4
- FRSC 4150 - Wildlife Measurements Credit Hour(s): 4

- FRSC 4910 - Natural Resources Policy & Law Credit Hour(s): 3
- FRSC 3520 - Forest Hydrology & Wetlands Management Credit Hour(s): 4
- FRSC 3130 - Endangered Species Management Credit Hour(s): 2
- FRSC 4370 - Natural Resources Recreation Credit Hour(s): 2
- FRSC 3300 - Fire Ecology & Management Credit Hour(s): 4
- FRSC 4510 - Vertebrate Natural History Credit Hour(s): 3
- FRSC 4630 - Senior Project Credit Hour(s): 4

Choose 9 credit hours from the following: 9 hours

- FRSC 3200 - Wildlife Damage Management Credit Hour(s): 3
- FRSC 3400 - Techniques in Fisheries Management Credit Hour(s): 3
- FRSC 3770 - Ornithology Credit Hour(s): 3
- FRSC 3600 - Waterfowl Management Credit Hour(s): 3
- FRSC 3700 - Upland Game Bird Management Credit Hour(s): 3
- FRSC 4790(A) - Forest Resources Internship Credit Hour(s): 3
- FRSC 3880 - Herpetology Credit Hour(s): 3
- FRSC 4400 - Forestry Herbicide and Vegetation Management Credit Hour(s): 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.

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

## **The School of Arts and Sciences**

The School of Arts and Sciences has a two-fold mission. First, the School prepares students for careers in the Humanities, Social Sciences, Mathematics, and Natural Sciences. Second, the School teaches the Core Curriculum to all ABAC students, preparing them with the foundational knowledge and critical thinking skills that only a Liberal Arts and Sciences education can provide. The School provides all students with the hands-on training, engaged learning experiences, and rigorous academic coursework to help them become independent, critical thinkers prepared for their career of choice. The School offers bachelor degrees in Biology, Agricultural Communication, History and Government, Rural Community Development, and Writing and Communication. In addition, the School offers an Associate of Fine Arts in Music, Associate of Arts, and Associate of Science in Core Curriculum preparing them for further study in their career field.

## **Department of English and Communication**

### **Bachelor of Science**

### **Agricultural Communication, B.S.**



The Agricultural Communication 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 (42 hours)

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

## Core Curriculum Area F: 18 hours

### Choose 9 credit hours from the following:

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

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AECO 2200 - Agricultural Records Credit Hour(s): 3
- **OR**
- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- AECO 2258 - Applied Economics Credit Hour(s): 3
- **OR**
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- AECO 2265 - Agricultural Marketing Practicum Credit Hour(s): 3
- AENT 1113 - Power Equipment Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- ASLH 1125 - Introduction to Poultry Science Credit Hour(s): 3
- ASLH 2203 - Elements of Dairying Credit Hour(s): 3
- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3

### Choose 9 credit hours from the following:

Choose 9 credit hours from the following list of courses not used elsewhere in the core of Area F: \*See advisor for assistance with Area F course selection.

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AECO 2200 - Agricultural Records Credit Hour(s): 3
- **OR**
- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- AECO 2258 - Applied Economics Credit Hour(s): 3
- **OR**
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- AECO 2260 - Agricultural Marketing Credit Hour(s): 3
- AECO 2265 - Agricultural Marketing Practicum Credit Hour(s): 3
- AENT 1113 - Power Equipment Credit Hour(s): 3

- AGRP 1125 - Fundamentals of Plant Protection Credit Hour(s): 3
- AGRY 2020 - Soils and Fertilizers Credit Hour(s): 3
- ASLH 1125 - Introduction to Poultry Science Credit Hour(s): 3
- ASLH 2203 - Elements of Dairying Credit Hour(s): 3
- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- BUSA 2100 - Spreadsheet Applications Credit Hour(s): 3
- BUSA 2105 - Communicating in the Business Environment Credit Hour(s): 3
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- COMM 1110 - Public Speaking Credit Hour(s): 3
- COMM 2100 - Interpersonal Communication Credit Hour(s): 3
- COMM 2300 - Communications Theory and Research Credit Hour(s): 3
- ENGL 2401 - Introduction to Creative Writing Credit Hour(s): 3
- ENGL 2402 - Writing Narrative Nonfiction Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3
- JRNL 1101 - Introduction To Mass Media Credit Hour(s): 3
- JRNL 2510 - News Writing and Reporting Credit Hour(s): 3
- JRNL 2610 - Introduction to Broadcasting Credit Hour(s): 3
- MKTG 2175 - Principles of Marketing Credit Hour(s): 3

## Required Courses for the Major: 15-21 hours

(A minimum grade of C is required in these courses.) A maximum of 9 hours is allowed for internship credit in the major.

- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- RLST 3000 - Introduction to Rural Studies Credit Hour(s): 3
- RLST 4790(A) - Rural Studies Internship Credit Hour(s): 3
- **OR**
- RLST 4790(B) - Rural Studies Internship Credit Hour(s): 3
- **OR**
- RLST 4790(C) - Rural Studies Internship Credit Hour(s): 3
- **OR**
- RLST 4791 - Rural Studies Internship Credit Hour(s): 6
- **OR**
- RLST 4792 - Rural Studies Internship Credit Hour(s): 9
- RLST 4980 - Capstone Seminar: Senior Project Credit Hour(s): 3
- **OR**
- RLST 4990 - Capstone Seminar Credit Hour(s): 3

## Major Elective Courses: 30 hours

Choose 30 hours from the following:

- AGED 4340 - Community Programs in Agriculture Credit Hour(s): 3
- BUSA 3100 - Data Analytics Credit Hour(s): 3
- COMM 3325 - Intercultural Communication Credit Hour(s): 3
- COMM 3850 - Introduction to Public Relations Credit Hour(s): 3

- COMM 4000 - Mass Media Industries Credit Hour(s): 3
- COMM 4210 - Communication Ethics Credit Hour(s): 3
- COMM 4500 - Persuasive Communication Credit Hour(s): 3
- COMM 4890 - Special Topics in Communication Credit Hour(s): 3
- COMM 4891 - Special Topics in Communication Credit Hour(s): 3
- COMM 4892 - Special Topics in Communication Credit Hour(s): 3
- ENGL 3010 - Technical Writing Credit Hour(s): 3
- ENGL 3020 - Advanced Composition Credit Hour(s): 3
- ENGL 3030 - Rhetoric Credit Hour(s): 3
- ENGL 3050 - Writing the Rural Life Credit Hour(s): 3
- ENGL 3115 - Visual Rhetoric and Document Design Credit Hour(s): 3
- ENGL 3130 - The Publishing Process Credit Hour(s): 3
- ENGL 3300 - Literature of Rural America Credit Hour(s): 3
- ENGL 3325 - Literature and Film: Representing the Rural Credit Hour(s): 3
- ENGL 4030 - Editing Credit Hour(s): 3
- ENGL 4310 - Topics in Rural Literature Credit Hour(s): 3
- ENGL 4760 - Survey of Southern Literature Credit Hour(s): 3
- ENGL 4890 - Special Topics in English Credit Hour(s): 3
- ENGL 4891 - Special Topics in English Credit Hour(s): 3
- ENGL 4892 - Special Topics in English Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food: A Global Perspective Credit Hour(s): 3
- JRNL 3125 - Writing for the Contemporary Media Credit Hour(s): 3
- JRNL 3610 - Advanced Broadcasting Credit Hour(s): 3
- MKTG 4100 - Social Media Credit Hour(s): 3
- POLS 3570 - Introduction to Public Policy Credit Hour(s): 3
- POLS 4080 - Political Communication Credit Hour(s): 3
- RLST 3050 - Practical Applications in Community Organizations Credit Hour(s): 3
- RLST 3060 - Research Methods Credit Hour(s): 3
- RLST 3065 - Community Research Methods Credit Hour(s): 3
- RLST 4020 - Proposal and Grant Writing Credit Hour(s): 3

## Agriculture Elective Courses: Upper Division Course Work Required: 9 hours

Choose 9 credit hours from the following:

- AECO 3200 - Agricultural Records II Credit Hour(s): 3
- AECO 3410 - Commodity Marketing Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 3800 - Food and Agriculture Marketing Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AGED 4340 - Community Programs in Agriculture Credit Hour(s): 3
- AGRI 4500 - Farm Operations Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3

- AGRY 3110 - Forage Crops and Pastures Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- ASLH 3110 - Food Animal Evaluation and Selection Credit Hour(s): 3
- ASLH 3120 - Herd Health Credit Hour(s): 3
- ASLH 3318 - Physiology of Reproduction Credit Hour(s): 3
- ASLH 4110 - Meat Production, Processing and Marketing Credit Hour(s): 3
- ASLH 4205 - Beef Production Credit Hour(s): 3
- ASLH 4405 - Applied Animal Nutrition Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- HORT 3230 - Insect and Nematode Management Credit Hour(s): 3
- HORT 3236 - Environmental Issues in Urban Agriculture Credit Hour(s): 3

## General Elective Courses: 0-6 hours

Must be comprised of courses numbered 3000 or above from the major elective course curriculum and not used in the above areas, or GLST 3700(A) or GLST 3700(B) Global Experiential Learning, or from the following list and not used in the above area:

- AECO 3200 - Agricultural Records II Credit Hour(s): 3
- AECO 3410 - Commodity Marketing Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 3800 - Food and Agriculture Marketing Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AGED 4340 - Community Programs in Agriculture Credit Hour(s): 3
- AGRI 4500 - Farm Operations Credit Hour(s): 3
- AGRP 3240 - Weed Management Credit Hour(s): 3
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3
- AGRY 3110 - Forage Crops and Pastures Credit Hour(s): 3
- AGRY 3510 - Soil Management Credit Hour(s): 3
- ASLH 3110 - Food Animal Evaluation and Selection Credit Hour(s): 3
- ASLH 3120 - Herd Health Credit Hour(s): 3
- ASLH 3318 - Physiology of Reproduction Credit Hour(s): 3
- ASLH 4110 - Meat Production, Processing and Marketing Credit Hour(s): 3
- ASLH 4205 - Beef Production Credit Hour(s): 3
- ASLH 4405 - Applied Animal Nutrition Credit Hour(s): 3
- BUSA 3200 - Small Business Accounting Credit Hour(s): 3
- BUSA 4000 - International Business Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- HORT 3230 - Insect and Nematode Management Credit Hour(s): 3
- HORT 3236 - Environmental Issues in Urban Agriculture Credit Hour(s): 3
- ECON 3300 - Contemporary Economic Issues Credit Hour(s): 3
- ECON 4710 - Rural Economic Development Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3
- MKTG 4100 - Social Media Credit Hour(s): 3

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and two PE activities courses.

## Writing and Communication, B.S.

The Writing and Communication major equips graduates with the skills to communicate effectively in a variety of contexts. Graduates are prepared for work in public and private sector entities such as government agencies, hospitals, non-profit organizations, and businesses; the major also prepares students to enter graduate school programs in areas such as writing, communication, journalism, law, and others. The major emphasizes both critical and creative thinking and problem solving, as well as applied learning in out-of-classroom experiences such as internships and practice. Graduates develop an appreciation of diverse cultural perspectives and a greater understanding of local and global issues to provide an avenue of self-knowledge, cultural understanding, and social responsibility.

### Core Curriculum: Areas A-E (42 hours)

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

### Core Curriculum Area F: 18 hours

Choose 18 hours from the following list of courses not taken in other areas of the core:

- ARTS 1020 - Two-Dimensional Design Credit Hour(s): 3
- ARTS 2030 - Computer Arts Credit Hour(s): 3
- ARTS 2211 - Art History I Credit Hour(s): 3
- ARTS 2212 - Art History II Credit Hour(s): 3
- ARTS 2213 - Art Appreciation Credit Hour(s): 3
- BUSA 2105 - Communicating in the Business Environment Credit Hour(s): 3
- BUSA 2106 - The Environment of Business Credit Hour(s): 3
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- CSCI 1100 - Introduction to Computing Credit Hour(s): 3
- COMM 2100 - Interpersonal Communication Credit Hour(s): 3
- COMM 2300 - Communications Theory and Research Credit Hour(s): 3
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- ENGL 2114 - World Literature I Beginnings-15th Century Credit Hour(s): 3
- ENGL 2115 - World Literature II 15th-18th Century Credit Hour(s): 3
- ENGL 2116 - World Literature III 19th Century-Present Credit Hour(s): 3
- ENGL 2121 - British Literature I Credit Hour(s): 3
- ENGL 2122 - British Literature II Credit Hour(s): 3
- ENGL 2131 - American Literature I Credit Hour(s): 3
- ENGL 2132 - American Literature II Credit Hour(s): 3
- ENGL 2401 - Introduction to Creative Writing Credit Hour(s): 3
- ENGL 2402 - Writing Narrative Nonfiction Credit Hour(s): 3
- GEOG 1101 - Introduction to Human Geography Credit Hour(s): 3
- HIST 1111 - World History I Credit Hour(s): 3
- HIST 1112 - World History II Credit Hour(s): 3

- HIST 2111 - United States History I Credit Hour(s): 3
- HIST 2112 - United States History II Credit Hour(s): 3
- HUMN 2221 - Western World Humanities I Credit Hour(s): 3
- HUMN 2222 - Western World Humanities II Credit Hour(s): 3
- JRNL 1101 - Introduction To Mass Media Credit Hour(s): 3
- JRNL 2510 - News Writing and Reporting Credit Hour(s): 3
- JRNL 2610 - Introduction to Broadcasting Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3 (strongly encouraged)
- MUSC 1100 - Music Appreciation Credit Hour(s): 3
- POLS 2101 - Introduction to Political Science Credit Hour(s): 3
- POLS 2201 - State and Local Government Credit Hour(s): 3
- POLS 2210 - American Constitutional Law Credit Hour(s): 3
- POLS 2401 - Global Issues Credit Hour(s): 3
- PSYC 1101 - Introduction to General Psychology Credit Hour(s): 3
- RELG 1100 - Introduction to World Religions Credit Hour(s): 3
- SOCI 1101 - Introduction to Sociology Credit Hour(s): 3
- SOCI 1160 - Introduction to Social Problems Credit Hour(s): 3
- SPAN 1002 - Elementary Spanish II Credit Hour(s): 3
- SPAN 2001 - Intermediate Spanish I Credit Hour(s): 3
- SPAN 2002 - Intermediate Spanish II Credit Hour(s): 3
- THEA 1100 - Theatre Appreciation Credit Hour(s): 3
- THEA 1102 - Fundamentals of Acting Credit Hour(s): 3
- THEA 1103 - Stagecraft Credit Hour(s): 3
- THEA 2103 - Voice & Diction Credit Hour(s): 3

## Required Courses for the Major: 15-21 hours

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

- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- RLST 3000 - Introduction to Rural Studies Credit Hour(s): 3
- RLST 4790(A) - Rural Studies Internship Credit Hour(s): 3
- **OR**
- RLST 4790(B) - Rural Studies Internship Credit Hour(s): 3
- **OR**
- RLST 4790(C) - Rural Studies Internship Credit Hour(s): 3
- **OR**
- RLST 4791 - Rural Studies Internship Credit Hour(s): 6
- **OR**
- RLST 4792 - Rural Studies Internship Credit Hour(s): 9
- RLST 4980 - Capstone Seminar: Senior Project Credit Hour(s): 3
- RLST 4990 - Capstone Seminar Credit Hour(s): 3

## Major Elective Courses: 30 hours

Choose 30 hours from the following:

- COMM 3325 - Intercultural Communication Credit Hour(s): 3
- COMM 3850 - Introduction to Public Relations Credit Hour(s): 3
- COMM 4000 - Mass Media Industries Credit Hour(s): 3
- COMM 4210 - Communication Ethics Credit Hour(s): 3
- COMM 4500 - Persuasive Communication Credit Hour(s): 3
- COMM 4890 - Special Topics in Communication Credit Hour(s): 3
- COMM 4891 - Special Topics in Communication Credit Hour(s): 3
- COMM 4892 - Special Topics in Communication Credit Hour(s): 3
- ENGL 3010 - Technical Writing Credit Hour(s): 3
- ENGL 3020 - Advanced Composition Credit Hour(s): 3
- ENGL 3030 - Rhetoric Credit Hour(s): 3
- ENGL 3050 - Writing the Rural Life Credit Hour(s): 3
- ENGL 3115 - Visual Rhetoric and Document Design Credit Hour(s): 3
- ENGL 3130 - The Publishing Process Credit Hour(s): 3
- ENGL 3300 - Literature of Rural America Credit Hour(s): 3
- ENGL 3325 - Literature and Film: Representing the Rural Credit Hour(s): 3
- ENGL 4890 - Special Topics in English Credit Hour(s): 3
- ENGL 4891 - Special Topics in English Credit Hour(s): 3
- ENGL 4892 - Special Topics in English Credit Hour(s): 3
- RLST 4020 - Proposal and Grant Writing Credit Hour(s): 3
- ENGL 4030 - Editing Credit Hour(s): 3
- ENGL 4310 - Topics in Rural Literature Credit Hour(s): 3
- ENGL 4760 - Survey of Southern Literature Credit Hour(s): 3
- JRNL 3125 - Writing for the Contemporary Media Credit Hour(s): 3
- JRNL 3610 - Advanced Broadcasting Credit Hour(s): 3

## General Elective Courses: 9-15 hours

(Must be comprised of courses numbered 3000 or above from the major elective course curriculum and not used in the above areas, or GLST 3700(A) or GLST 3700(B) - Global Experiential Learning).

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and two PE activities courses.

# Department of Fine Arts

## Associate of Fine Arts in Music

### Music, A.F.A.M.

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 Credit Hour(s): 3
- ENGL 1102 - Composition II Credit Hour(s): 3
- MATH Course approved for Area A Math Credits Hour(s): 3

## Area B: Institutional Options: 3 hours

- COMM 1100 - Human Communication Credit Hour(s): 3  
**OR**
- COMM 1110 - Public Speaking Credit Hour(s): 3

## Area C: Humanities/Fine Arts: 3 hours

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

- One approved course from Fine Arts listing (prefer MUSC 1100) Credits Hour(s): 3

## Area D: Science, Mathematics, & Technology: 4 hours

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

- One approved lab science from the course listings - Non-Science major courses preferred. Credits Hour(s): 3/1

## Area E: Social Science: 9 hours

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

- HIST 2111 - United States History I Credit Hour(s): 3  
**OR**
- HIST 2112 - United States History II Credit Hour(s): 3
- POLS 1101 - American Government Credit Hour(s): 3
- One Approved Area E Elective Credits Hour(s): 3

## Area F: Major courses: 32 hours

- MUSC 1134 - Music Theory I Credit Hour(s): 3 \*
- MUSC 1135 - Music Theory II Credit Hour(s): 3 \*
- MUSC 2234 - Music Theory III Credit Hour(s): 3 \*
- MUSC 2235 - Music Theory IV Credit Hour(s): 3 \*
- MUSC 1134L - Aural and Sight-Singing Lab I Credit Hour(s): 1
- MUSC 1135L - Aural and Sight-Singing Lab II Credit Hour(s): 1
- MUSC 2234L - Aural and Sight-Singing Lab III Credit Hour(s): 1
- MUSC 2235L - Aural and Sight-Singing Lab IV Credit Hour(s): 1
- MUSC 1182(A) - Applied Music Credit Hour(s): 2 \*\*\*



- MUSC 1182(B) - Applied Music Credit Hour(s): 2 \*\*\*
- MUSC 2282(A) - Applied Music Credit Hour(s): 2 \*\*\*
- MUSC 2282(B) - Applied Music Credit Hour(s): 2 \*\*\*
- MUSC 1005 - Music Concert Attendance Credit Hour(s): 0 \*\*\*
- MUSC 2080 - Concert Band Credit Hour(s): 1 \*\*  
**OR**
- MUSC 2090 - Concert Choir Credit Hour(s): 1 \*\*  
**OR**
- MUSC 2290 - Jazz Ensemble Credit Hour(s): 1 \*\*  
**OR**
- MUSC 2292 - Jazz Combo Credit Hour(s): 1 \*\*
- MUSC Secondary Applied Credits Hour(s): 4 \*

## Total Hours Required for the Degree: 60 hours

Plus PHED 1100 and two PE activities courses.

\*MUSC 1001(A) or MUSC 1181(A) or MUSC 1181(B) or MUSC 2281(A) or MUSC 2281(B) (Secondary Applied Music Piano) is a co-requisite and must be taken concurrently with these courses. Music majors take MUSC 1001(A) or MUSC 1182(A) and/or MUSC 2282(A) (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.

\*\*\*MUSC 1005 is a co-requisite of MUSC 1182(A), MUSC 1182(B), MUSC 2282(A) and MUSC 2282(B).

# Department of History and Political Science

## Bachelor of Science

### History and Government, B.S.

The major in History and Government 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; 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. The History and Government major 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 (42 hours)

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

### Core Curriculum Area F: 18 hours

Choose 18 hours from the following list of courses not taken in other areas of the core:

- ARTS 2211 - Art History I Credit Hour(s): 3
- ARTS 2212 - Art History II Credit Hour(s): 3
- ARTS 2213 - Art Appreciation Credit Hour(s): 3
- CSCI 1100 - Introduction to Computing Credit Hour(s): 3
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- OR**
- AECO 2258 - Applied Economics Credit Hour(s): 3
- ENGL 2131 - American Literature I Credit Hour(s): 3
- ENGL 2132 - American Literature II Credit Hour(s): 3
- GEOG 1101 - Introduction to Human Geography Credit Hour(s): 3
- HIST 1111 - World History I Credit Hour(s): 3
- HIST 1112 - World History II Credit Hour(s): 3
- HIST 2201 - African American History Credit Hour(s): 3
- HIST 2232 - Multicultural America Credit Hour(s): 3
- HIST 2255 - Introduction to Georgia and Local History Credit Hour(s): 3
- HUMN 2221 - Western World Humanities I Credit Hour(s): 3
- HUMN 2222 - Western World Humanities II Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3 (strongly encouraged)
- MUSC 1100 - Music Appreciation Credit Hour(s): 3
- POLS 2101 - Introduction to Political Science Credit Hour(s): 3
- POLS 2201 - State and Local Government Credit Hour(s): 3
- POLS 2210 - American Constitutional Law Credit Hour(s): 3
- POLS 2401 - Global Issues Credit Hour(s): 3
- PSYC 1101 - Introduction to General Psychology Credit Hour(s): 3
- PSYC 2103 - Human Growth and Development Credit Hour(s): 3
- PSYC 2201 - Introduction to Abnormal Behavior Credit Hour(s): 3
- RELG 1100 - Introduction to World Religions Credit Hour(s): 3
- SOCI 1101 - Introduction to Sociology Credit Hour(s): 3
- SOCI 1160 - Introduction to Social Problems Credit Hour(s): 3
- SOCI 2500 - Class, Race and Gender Stratification Credit Hour(s): 3
- SPAN 1002 - Elementary Spanish II Credit Hour(s): 3
- SPAN 2001 - Intermediate Spanish I Credit Hour(s): 3
- SPAN 2002 - Intermediate Spanish II Credit Hour(s): 3
- THEA 1100 - Theatre Appreciation Credit Hour(s): 3

## Required Courses for the Major: 15-21 hours

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

- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- RLST 3000 - Introduction to Rural Studies Credit Hour(s): 3
- RLST 4790(A) - Rural Studies Internship Credit Hour(s): 3
- OR**
- RLST 4790(B) - Rural Studies Internship Credit Hour(s): 3
- OR**
- RLST 4790(C) - Rural Studies Internship Credit Hour(s): 3

**OR**

- RLST 4791 - Rural Studies Internship Credit Hour(s): 6

**OR**

- RLST 4792 - Rural Studies Internship Credit Hour(s): 9
- RLST 4980 - Capstone Seminar: Senior Project Credit Hour(s): 3

**OR**

- RLST 4990 - Capstone Seminar Credit Hour(s): 3

## Major Elective Courses: 30 hours

- RLST 3060 - Research Methods Credit Hour(s): 3

**OR**

- RLST 3065 - Community Research Methods Credit Hour(s): 3

## Choose 27 hours from the following:

- EDUC 3140 - Education in Rural Contexts Credit Hour(s): 3
- ENGL 3325 - Literature and Film: Representing the Rural Credit Hour(s): 3
- ENGL 4310 - Topics in Rural Literature Credit Hour(s): 3
- GEOG 3050 - Economic Geography Credit Hour(s): 3
- GEOG 4001 - Issues in Rural Geography Credit Hour(s): 3
- GEOG 4020 - Sustainable Communities Credit Hour(s): 3
- HIST 3000 - History of Rural America Credit Hour(s): 3
- HIST 3050 - Borderlands in a Rural World Credit Hour(s): 3
- HIST 3100 - Introduction to Public History Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food: A Global Perspective Credit Hour(s): 3
- HIST 4080 - History Of Science & Technology in the Modern World Credit Hour(s): 3
- HIST 4110 - Rural Communities in Historical Study Credit Hour(s): 3
- HIST 4230 - Slavery and the Early Modern World Credit Hour(s): 3
- HIST 4280 - Social Movements in Rural America Credit Hour(s): 3
- HIST 4310 - Native Peoples of the Americas Credit Hour(s): 3
- HIST 4890 - Special Topics in History Credit Hour(s): 3
- HIST 4891 - Special Topics in History Credit Hour(s): 3
- HIST 4892 - Special Topics in History Credit Hour(s): 3
- PADM 3500 - Introduction to Public Administration Credit Hour(s): 3
- PADM 3520 - Public Finance Administration Credit Hour(s): 3
- POLS 3060 - Rural Political Development: Foundations of the Modern World Credit Hour(s): 3
- POLS 3065 - Principles of Political Thought: From Agrarian to Cosmopolitan Credit Hour(s): 3
- POLS 3570 - Introduction to Public Policy Credit Hour(s): 3
- POLS 4080 - Political Communication Credit Hour(s): 3
- POLS 4350 - Fundamentals of International Relations Credit Hour(s): 3
- POLS 4890 - Special Topics in Political Science Credit Hour(s): 3
- POLS 4891 - Special Topics in Political Science Credit Hour(s): 3
- POLS 4892 - Special Topics in Political Science Credit Hour(s): 3
- RLST 3065 - Community Research Methods Credit Hour(s): 3
- HSCI 3070 - Issues in Rural Health Credit Hour(s): 3

## General Elective Courses: 9-15 hours

(Must be comprised of courses numbered 3000 or above from the major elective course curriculum and not used in the above areas, or GLST 3700(A) or GLST 3700(B) - Global Experiential Learning)

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and two PE activities courses.

# Department of Rural Sociology

## Bachelor of Science

## Rural Community Development, Community Health Track, B.S.

The Community Health track of the Rural Community Development major prepares individuals for roles as health and wellness professionals in private business, industry, community organizations, and health care settings. The track prepares graduates to serve a critical need in the newly emerging health-related fields demanded by the evolving healthcare system in rural areas. The program is designed for students who are interested in working in the health care industry, but not in delivering direct patient care as clinical practitioners.

### Core Curriculum: Areas A-E (42 hours)

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

### Area F: 18 hours

Choose 18 hours from the following list of courses not taken in other areas of the core:

- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3
- BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3
- BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1
- BIOL 2050 - Microbiology and Health Care Credit Hour(s): 3
- BIOL 2050L - Microbiology and Health Care Laboratory Credit Hour(s): 1
- BUSA 1105 - Introduction to Business Credit Hour(s): 3
- BUSA 2106 - The Environment of Business Credit Hour(s): 3
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- CSCI 1100 - Introduction to Computing Credit Hour(s): 3
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education Credit Hour(s): 3
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts Credit Hour(s): 3

- FACS 1151 - Wellness Nutrition Credit Hour(s): 3
- FACS 2293 - Introduction to Marriage and Family Credit Hour(s): 3
- OR**
- SOCI 2293 - Introduction to Marriage And Family Credit Hour(s): 3
- GNDR 1101 - Introduction to Gender Studies Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3 (strongly recommended)
- PNUR 1104 - Pharmacology for Health Professions Credit Hour(s): 2
- PSYC 1101 - Introduction to General Psychology Credit Hour(s): 3
- PSYC 2101 - Introduction to the Psychology of Adjustment Credit Hour(s): 3
- PSYC 2103 - Human Growth and Development Credit Hour(s): 3
- PSYC 2201 - Introduction to Abnormal Behavior Credit Hour(s): 3
- SCIE 1003 - Medical Terminology Credit Hour(s): 1
- SOCI 1101 - Introduction to Sociology Credit Hour(s): 3
- SOCI 1160 - Introduction to Social Problems Credit Hour(s): 3
- SOCI 2500 - Class, Race and Gender Stratification Credit Hour(s): 3

## Required Courses for the Major: 15-21 hours

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

- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- RLST 3000 - Introduction to Rural Studies Credit Hour(s): 3
- RLST 4790(A) - Rural Studies Internship Credit Hour(s): 3
- OR**
- RLST 4790(B) - Rural Studies Internship Credit Hour(s): 3
- OR**
- RLST 4790(C) - Rural Studies Internship Credit Hour(s): 3
- OR**
- RLST 4791 - Rural Studies Internship Credit Hour(s): 6
- OR**
- RLST 4792 - Rural Studies Internship Credit Hour(s): 9
- RLST 4980 - Capstone Seminar: Senior Project Credit Hour(s): 3
- OR**
- RLST 4990 - Capstone Seminar Credit Hour(s): 3

## Major Elective Courses: 24 hours

Choose 24 hours from the following:

- ENGL 4040 - Writing in the Health Professions Credit Hour(s): 3
- OR**
- ENGL 3010 - Technical Writing Credit Hour(s): 3
- RLST 3060 - Research Methods Credit Hour(s): 3
- OR**
- RLST 3065 - Community Research Methods Credit Hour(s): 3
- COMM 3850 - Introduction to Public Relations Credit Hour(s): 3
- HSCI 3070 - Issues in Rural Health Credit Hour(s): 3

- HSCI 3100 - Introduction to Population Health Credit Hour(s): 3
- HSCI 4000 - Introduction to Epidemiology Credit Hour(s): 3
- HSCI 3050 - Introduction to Healthcare Information Technology Credit Hour(s): 3
- HSCI 4050 - Healthcare Financing and Insurance Credit Hour(s): 3

## General Elective Courses: 15-21 hours

- COMM 4210 - Communication Ethics Credit Hour(s): 3
- FACS 4100 - Community Context of Individual and Family Well-Being Credit Hour(s): 3
- HSCI 4890 - Special Topics in Community Health Credit Hour(s): 3
- HSCI 4891 - Special Topics in Community Health Credit Hour(s): 3
- HSCI 4892 - Special Topics in Community Health Credit Hour(s): 3
- GLST 3700(A) - Global Experiential Learning Credit Hour(s): 3
- OR**
- GLST 3700(B) - Global Experiential Learning Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3
- PADM 3500 - Introduction to Public Administration Credit Hour(s): 3
- PADM 3520 - Public Finance Administration Credit Hour(s): 3
- PSYC 3000 - Psychology in the Rural Community Credit Hour(s): 3
- PSYC 4250 - Rural Experiences with Race, Class, Gender and Sexuality Credit Hour(s): 3
- RLST 4020 - Proposal and Grant Writing Credit Hour(s): 3
- SOCI 3000 - Rural Sociology Credit Hour(s): 3
- SOCI 3500 - Rural Demography Credit Hour(s): 3
- SOCI 4750 - Social Policy for Rural Communities Credit Hour(s): 3

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and two PE activities courses.

## **Rural Community Development, Social and Community Development Track, B.S.**

The School of Arts and Sciences offers a major in Rural Community Development. 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.

### Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Non-Science option)

### Area F: 18 hours

Choose 18 hours from the following list of courses not taken in other areas of the core:

- BIOL 1107 - Principles of Biology I Credit Hour(s): 3
- BIOL 1107L - Principles of Biology I Laboratory Credit Hour(s): 1
- BIOL 1108 - Principles of Biology II Credit Hour(s): 3
- BIOL 1108L - Principles of Biology II Laboratory Credit Hour(s): 1
- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3
- BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3
- BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- CRJU 1100 - Introduction to Criminal Justice Credit Hour(s): 3
- CRJU 1170 - Introduction to Corrections, Probation & Parole Credit Hour(s): 3
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- **OR**
- AECO 2258 - Applied Economics Credit Hour(s): 3
- EDUC 2110 - Investigating Critical and Contemporary Issues in Education Credit Hour(s): 3
- EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts Credit Hour(s): 3
- FACS 1151 - Wellness Nutrition Credit Hour(s): 3
- FACS 2220 - Consumer Economics Credit Hour(s): 3
- FACS 2293 - Introduction to Marriage and Family Credit Hour(s): 3
- **OR**
- SOCI 2293 - Introduction to Marriage And Family Credit Hour(s): 3
- GEOG 1101 - Introduction to Human Geography Credit Hour(s): 3
- GNDR 1101 - Introduction to Gender Studies Credit Hour(s): 3
- HIST 1111 - World History I Credit Hour(s): 3
- HIST 1112 - World History II Credit Hour(s): 3
- HIST 2111 - United States History I Credit Hour(s): 3
- HIST 2201 - African American History Credit Hour(s): 3
- HIST 2232 - Multicultural America Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3
- POLS 2101 - Introduction to Political Science Credit Hour(s): 3
- POLS 2201 - State and Local Government Credit Hour(s): 3
- POLS 2210 - American Constitutional Law Credit Hour(s): 3
- POLS 2401 - Global Issues Credit Hour(s): 3
- PSYC 1101 - Introduction to General Psychology Credit Hour(s): 3
- PSYC 2101 - Introduction to the Psychology of Adjustment Credit Hour(s): 3
- PSYC 2103 - Human Growth and Development Credit Hour(s): 3
- PSYC 2201 - Introduction to Abnormal Behavior Credit Hour(s): 3
- RELG 1100 - Introduction to World Religions Credit Hour(s): 3
- SOCI 1101 - Introduction to Sociology Credit Hour(s): 3
- SOCI 1160 - Introduction to Social Problems Credit Hour(s): 3
- SOCI 2500 - Class, Race and Gender Stratification Credit Hour(s): 3
- Foreign Lang. 1002 or higher.

Required Courses for the Major: 15-21 hours

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

- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- RLST 3000 - Introduction to Rural Studies Credit Hour(s): 3
- RLST 4790(A) - Rural Studies Internship Credit Hour(s): 3
- **OR**
- RLST 4790(B) - Rural Studies Internship Credit Hour(s): 3
- **OR**
- RLST 4790(C) - Rural Studies Internship Credit Hour(s): 3
- **OR**
- RLST 4791 - Rural Studies Internship Credit Hour(s): 6
- **OR**
- RLST 4792 - Rural Studies Internship Credit Hour(s): 9
- RLST 4980 - Capstone Seminar: Senior Project Credit Hour(s): 3
- **OR**
- RLST 4990 - Capstone Seminar Credit Hour(s): 3

## Major Elective Courses: 30 hours

- RLST 3060 - Research Methods Credit Hour(s): 3
- **OR**
- RLST 3065 - Community Research Methods Credit Hour(s): 3

## Choose 27 hours from the Following:

- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- ECON 3300 - Contemporary Economic Issues Credit Hour(s): 3
- ECON 4710 - Rural Economic Development Credit Hour(s): 3
- EDUC 3140 - Education in Rural Contexts Credit Hour(s): 3
- ENGL 3115 - Visual Rhetoric and Document Design Credit Hour(s): 3
- FACS 4100 - Community Context of Individual and Family Well-Being Credit Hour(s): 3
- GEOG 4001 - Issues in Rural Geography Credit Hour(s): 3
- GEOG 4020 - Sustainable Communities Credit Hour(s): 3
- HIST 4110 - Rural Communities in Historical Study Credit Hour(s): 3
- PADM 3500 - Introduction to Public Administration Credit Hour(s): 3
- PADM 3520 - Public Finance Administration Credit Hour(s): 3
- PADM 4320 - Organizational Theory Credit Hour(s): 3
- POLS 3570 - Introduction to Public Policy Credit Hour(s): 3
- POLS 4080 - Political Communication Credit Hour(s): 3
- PSYC 3000 - Psychology in the Rural Community Credit Hour(s): 3
- PSYC 4150 - Psychology in the Workplace Credit Hour(s): 3
- PSYC 4250 - Rural Experiences with Race, Class, Gender and Sexuality Credit Hour(s): 3
- PSYC 4890 - Special Topics in Psychology Credit Hour(s): 3
- PSYC 4891 - Special Topics in Psychology Credit Hour(s): 3
- PSYC 4892 - Special Topics in Psychology Credit Hour(s): 3
- RLST 3050 - Practical Applications in Community Organizations Credit Hour(s): 3
- HSCI 3070 - Issues in Rural Health Credit Hour(s): 3



- RLST 4020 - Proposal and Grant Writing Credit Hour(s): 3
- SOCI 3000 - Rural Sociology Credit Hour(s): 3
- SOCI 3500 - Rural Demography Credit Hour(s): 3
- SOCI 4750 - Social Policy for Rural Communities Credit Hour(s): 3
- SOCI 4890 - Special Topics in Sociology Credit Hour(s): 3
- SOCI 4891 - Special Topics in Sociology Credit Hour(s): 3
- SOCI 4892 - Special Topics in Sociology Credit Hour(s): 3

## General Elective Courses: 9-15 hours

(Must be comprised of courses numbered 3000 or above from the major elective course curriculum and not used in the above areas, or GLST 3700(A) or GLST 3700(B) - Global Experiential Learning).

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and two PE activities courses.

# Department of Science and Mathematics

## Bachelor of Science

### Biology, Biochemistry Track, B.S.

The B.S. degree with a major in Biology offers four tracks: biochemistry, general, pre-professional, and health sciences. The biochemistry track is designed for students interested in pursuing a professional career in medicine, pharmacy, or advanced studies in chemistry, biochemistry, or biology.

## Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Science option)

- (Area D: CHEM 1211/CHEM 1211L, CHEM 1212/CHEM 1212L and MATH 2053 are strongly recommended.)

## Area F Courses: 18 hours

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

- BIOL 1107 - Principles of Biology I Credit Hour(s): 3
- BIOL 1107L - Principles of Biology I Laboratory Credit Hour(s): 1
- BIOL 1108 - Principles of Biology II Credit Hour(s): 3
- BIOL 1108L - Principles of Biology II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3
- CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3

## Required Courses for the Major: 37 hours

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

- BIOL 2070 - Botany Credit Hour(s): 4
- BIOL 2080 - General Zoology Credit Hour(s): 4
- BIOL 3100 - Introductory Biochemistry and Molecular Biology Credit Hour(s): 4
- BIOL 3200 - Genetics Credit Hour(s): 4
- BIOL 3350 - Principles of Ecology & Evolution Credit Hour(s): 4
- BIOL 3500 - Introductory Microbiology Credit Hour(s): 4
- BIOL 3850 - Comparative Vertebrate Anatomy Credit Hour(s): 4
- BIOL 4100 - Cell & Molecular Biology Credit Hour(s): 4
- BIOL 4250 - Animal Physiology Credit Hour(s): 4
- BIOL 4900 - Senior Seminar Credit Hour(s): 1

## Track Courses: 23 hours

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

- PHYS 1111 - Introductory Physics I Credit Hour(s): 3 **AND**
- PHYS 1111L - Introductory Physics I Laboratory Credit Hour(s): 1  
**OR**
- PHYS 2211 - Principles of Physics I Credit Hour(s): 3 **AND**
- PHYS 2211L - Principles of Physics I Laboratory Credit Hour(s): 1
- PHYS 1112 - Introductory Physics II Credit Hour(s): 3 **AND**
- PHYS 1112L - Introductory Physics II Laboratory Credit Hour(s): 1  
**OR**
- PHYS 2212 - Principles of Physics II Credit Hour(s): 3 **AND**
- PHYS 2212L - Principles of Physics II Laboratory Credit Hour(s): 1
- CHEM 2800 - Quantitative Analytical Chemistry Credit Hour(s): 3
- CHEM 2800L - Quantitative Analytical Chemistry Laboratory Credit Hour(s): 1
- BIOL 3101 - Biochemistry II Credit Hour(s): 3
- BIOL 3101L - Biochemistry II Laboratory Credit Hour(s): 1
- BIOL 3102 - Advanced Biochemistry (Biochemistry III) Credit Hour(s): 3
- BIOL 4305 - Instrumental Analysis Credit Hour(s): 4

## Total Hours Required for the Degree: 120

Plus PHED 1100 and two PE activities courses.

## **Biology, General Track, B.S.**

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 humans' 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.

## Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Science option)

- (Area D: CHEM 1211/CHEM 1211L and CHEM 1212/CHEM 1212L are strongly recommended.)

## Area F Courses: 18 hours

## Required Courses: 8 hours

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

- BIOL 1107 - Principles of Biology I Credit Hour(s): 3
- BIOL 1107L - Principles of Biology I Laboratory Credit Hour(s): 1
- BIOL 1108 - Principles of Biology II Credit Hour(s): 3
- BIOL 1108L - Principles of Biology II Laboratory Credit Hour(s): 1

## Choose 10 hours from the following:

- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3
- CHEM 1212L - Principles of Chemistry II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3
- CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3
- Hours from Areas A and D Credit Hour(s): 1-2

## Required Courses for the Major: 37 hours

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

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

- BIOL 2070 - Botany Credit Hour(s): 4
- BIOL 2080 - General Zoology Credit Hour(s): 4
- BIOL 3100 - Introductory Biochemistry and Molecular Biology Credit Hour(s): 4
- BIOL 3200 - Genetics Credit Hour(s): 4
- BIOL 3350 - Principles of Ecology & Evolution Credit Hour(s): 4
- BIOL 3500 - Introductory Microbiology Credit Hour(s): 4
- BIOL 3850 - Comparative Vertebrate Anatomy Credit Hour(s): 4 \*
- BIOL 4100 - Cell & Molecular Biology Credit Hour(s): 4
- BIOL 4250 - Animal Physiology Credit Hour(s): 4 \*

- BIOL 4900 - Senior Seminar Credit Hour(s): 1

## Track Courses: 23 hours

Choose 23 hours from the following: (A minimum grade of C is required in all of these courses.)

- PHYS 1111 - Introductory Physics I Credit Hour(s): 3
- PHYS 1111L - Introductory Physics I Laboratory Credit Hour(s): 1
- **OR**
- PHYS 2211 - Principles of Physics I Credit Hour(s): 3
- PHYS 2211L - Principles of Physics I Laboratory Credit Hour(s): 1
- **OR**
- PHYS 1112 - Introductory Physics II Credit Hour(s): 3
- PHYS 1112L - Introductory Physics II Laboratory Credit Hour(s): 1
- **OR**
- PHYS 2212 - Principles of Physics II Credit Hour(s): 3
- PHYS 2212L - Principles of Physics II Laboratory Credit Hour(s): 1
- BIOL 3030 - Mycology Credit Hour(s): 4
- BIOL 3040 - Plant Pathology Credit Hour(s): 4
- BIOL 3060 - Entomology Credit Hour(s): 4
- BIOL 3070 - Animal Behavior Credit Hour(s): 4
- BIOL 3090 - Invertebrate Zoology Credit Hour(s): 4
- BIOL 3101 - Biochemistry II Credit Hour(s): 3
- BIOL 3101L - Biochemistry II Laboratory Credit Hour(s): 1
- BIOL 3180 - Field Botany Credit Hour(s): 4
- BIOL 3221 - Nutrition & Metabolism Credit Hour(s): 3
- BIOL 3250 - Toxicology Credit Hour(s): 3
- BIOL 3800 - Plant Anatomy Credit Hour(s): 4
- **OR**
- BIOL 3850 - Comparative Vertebrate Anatomy Credit Hour(s): 4
- BIOL 4150 - Neuroscience Credit Hour(s): 4
- BIOL 4200 - Plant Physiology Credit Hour(s): 4
- **OR**
- BIOL 4250 - Animal Physiology Credit Hour(s): 4
- BIOL 4300 - Parasitology Credit Hour(s): 4
- BIOL 4350 - Population Genetics Credit Hour(s): 3
- BIOL 4400 - Immunology Credit Hour(s): 4
- BIOL 4510 - Vertebrate Natural History Credit Hour(s): 3
- BIOL 4600 - Biological Research Methods Credit Hour(s): 2
- BIOL 4601 - Biological Research Credit Hour(s): 2
- BIOL 4890 - Special Topics in Biology Credit Hour(s): 1 to 4
- BIOL 4891 - Special Topics in Biology Credit Hour(s): 1 to 4
- BIOL 4892 - Special Topics in Biology Credit Hour(s): 1 to 4
- ENGL 3010 - Technical Writing Credit Hour(s): 3
- BIOL 3770 - Ornithology Credit Hour(s): 3
- BIOL 3880 - Herpetology Credit Hour(s): 3
- CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1
- SCIE 1003 - Medical Terminology Credit Hour(s): 1

- BIOL 4790(A) - Biology Internship Credit Hour(s): 3
- BIOL 4550 - Tropical Ecology and Natural History Credit Hour(s): 4

## Total Hours Required for the Degree: 120

Plus PHED 1100 and two PE activities courses.

## Biology, Health Science Track, B.S.

The health sciences track is designed for students interested in pursuing professional education as a physical therapist, occupational therapist, physician's assistant, athletic trainer, and other clinical related fields.

### Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Science option)

- Area A: MATH 1112 or MATH 1113 is required
- Area D: CHEM 1211/CHEM 1211L and CHEM 1212/CHEM 1212L and MATH 2053 are strongly recommended
- Area E: PSYC 2103 and PSYC 1101 or SOCI 1101 are strongly recommended

### Area F Courses: 18 hours

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

- BIOL 1107 - Principles of Biology I Credit Hour(s): 3
- BIOL 1107L - Principles of Biology I Laboratory Credit Hour(s): 1
- BIOL 1108 - Principles of Biology II Credit Hour(s): 3
- BIOL 1108L - Principles of Biology II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3
- CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3

### Required Courses for the Major: 37 hours

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

- BIOL 2070 - Botany Credit Hour(s): 4
- BIOL 2080 - General Zoology Credit Hour(s): 4
- BIOL 3100 - Introductory Biochemistry and Molecular Biology Credit Hour(s): 4
- BIOL 3200 - Genetics Credit Hour(s): 4
- BIOL 3350 - Principles of Ecology & Evolution Credit Hour(s): 4
- BIOL 3500 - Introductory Microbiology Credit Hour(s): 4
- BIOL 3850 - Comparative Vertebrate Anatomy Credit Hour(s): 4
- BIOL 4100 - Cell & Molecular Biology Credit Hour(s): 4
- BIOL 4250 - Animal Physiology Credit Hour(s): 4

- BIOL 4900 - Senior Seminar Credit Hour(s): 1

**Track Courses: 23 hours**

**Required Courses: 20 hours**

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

- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3
- BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3
- BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1
- BIOL 3450 - Principles of Nutrition Credit Hour(s): 3
- BIOL 3401 - Medical Ethics Credit Hour(s): 3
- PSYC 2201 - Introduction to Abnormal Behavior Credit Hour(s): 3
- BIOL 4790(A) - Biology Internship Credit Hour(s): 3

**Electives:**

Choose 3 hours (A minimum grade of C is required in all of these courses.)

- BIOL 3250 - Toxicology Credit Hour(s): 3
- BIOL 3402 - Kinesiology Credit Hour(s): 3
- BIOL 3403K - Exercise Physiology Credit Hour(s): 4
- BIOL 4260 - Pathophysiology Credit Hour(s): 3
- BIOL 4150 - Neuroscience Credit Hour(s): 4
- BIOL 4300 - Parasitology Credit Hour(s): 4
- BIOL 4602 - Research Methods for Health Science Credit Hour(s): 2
- CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1

**Total Hours Required for the Degree: 120**

Plus PHED 1100 and two PE activities courses.

## **Biology, Pre-Professional Track, B.S.**

The pre-professional track is designed for students interested in pursuing professional education in medicine, veterinary medicine, dentistry, pharmacy, optometry, forensic science, and other clinical related fields.

**Core Curriculum: Areas A-E (42 hours)**

(See ABAC Core Curriculum, using Area D Science option)

- (Area D: CHEM 1211/CHEM 1211L and CHEM 1212/CHEM 1212L are strongly recommended.)

**Area F Courses: 18 hours**

## Required Courses: 8 hours

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

- BIOL 1107 - Principles of Biology I Credit Hour(s): 3
- BIOL 1107L - Principles of Biology I Laboratory Credit Hour(s): 1
- BIOL 1108 - Principles of Biology II Credit Hour(s): 3
- BIOL 1108L - Principles of Biology II Laboratory Credit Hour(s): 1

## Choose 10 hours from the following:

- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3
- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3
- CHEM 1212L - Principles of Chemistry II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3
- CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3
- Hours from Areas A and D Credit Hour(s): 1-2

## Required Courses for the Major: 37 hours

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

- BIOL 2070 - Botany Credit Hour(s): 4
- BIOL 2080 - General Zoology Credit Hour(s): 4
- BIOL 3100 - Introductory Biochemistry and Molecular Biology Credit Hour(s): 4
- BIOL 3200 - Genetics Credit Hour(s): 4
- BIOL 3350 - Principles of Ecology & Evolution Credit Hour(s): 4
- BIOL 3500 - Introductory Microbiology Credit Hour(s): 4
- BIOL 3850 - Comparative Vertebrate Anatomy Credit Hour(s): 4
- BIOL 4100 - Cell & Molecular Biology Credit Hour(s): 4
- BIOL 4250 - Animal Physiology Credit Hour(s): 4
- BIOL 4900 - Senior Seminar Credit Hour(s): 1

## Track Courses: 23 hours

## Required Courses: 8 hours

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

- PHYS 1111 - Introductory Physics I Credit Hour(s): 3 **AND**
- PHYS 1111L - Introductory Physics I Laboratory Credit Hour(s): 1  
**OR**
- PHYS 2211 - Principles of Physics I Credit Hour(s): 3 **AND**
- PHYS 2211L - Principles of Physics I Laboratory Credit Hour(s): 1

- PHYS 1112 - Introductory Physics II Credit Hour(s): 3 **AND**
- PHYS 1112L - Introductory Physics II Laboratory Credit Hour(s): 1
- OR**
- PHYS 2212 - Principles of Physics II Credit Hour(s): 3 **AND**
- PHYS 2212L - Principles of Physics II Laboratory Credit Hour(s): 1

## Electives:

Choose 15 hours from the following: (A minimum grade of C is required in all of these courses.)

- BIOL 3030 - Mycology Credit Hour(s): 4
- BIOL 3060 - Entomology Credit Hour(s): 4
- BIOL 3070 - Animal Behavior Credit Hour(s): 4
- BIOL 3101 - Biochemistry II Credit Hour(s): 3
- BIOL 3101L - Biochemistry II Laboratory Credit Hour(s): 1
- BIOL 3221 - Nutrition & Metabolism Credit Hour(s): 3
- BIOL 3250 - Toxicology Credit Hour(s): 3
- BIOL 4150 - Neuroscience Credit Hour(s): 4
- BIOL 4300 - Parasitology Credit Hour(s): 4
- BIOL 4350 - Population Genetics Credit Hour(s): 3
- BIOL 4400 - Immunology Credit Hour(s): 4
- BIOL 4510 - Vertebrate Natural History Credit Hour(s): 3
- BIOL 4600 - Biological Research Methods Credit Hour(s): 2
- BIOL 4601 - Biological Research Credit Hour(s): 2
- BIOL 4890 - Special Topics in Biology Credit Hour(s): 1 to 4
- BIOL 4891 - Special Topics in Biology Credit Hour(s): 1 to 4
- BIOL 4892 - Special Topics in Biology Credit Hour(s): 1 to 4
- ENGL 3010 - Technical Writing Credit Hour(s): 3
- CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1
- BIOL 3880 - Herpetology Credit Hour(s): 3
- SCIE 1003 - Medical Terminology Credit Hour(s): 1
- BIOL 4790(A) - Biology Internship Credit Hour(s): 3
- BIOL 4550 - Tropical Ecology and Natural History Credit Hour(s): 4

**Total Hours Required for the Degree: 120**

Plus PHED 1100 and two PE activities courses.

## The School of Nursing and Health Sciences

The School of Nursing and Health Sciences offers two degrees in the healthcare field - the Associate of Science in Nursing and the Bachelor of Science in Nursing. The Associate of Science in Nursing is offered in two tracks. Both lead to eligibility to take the licensing examination to be a Registered Nurse (RN). The first track is a traditional or Generic track, which can be completed in as few as two semesters of pre-requisites and four semesters of nursing courses for a total of six semesters. The second 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 after they complete all of the core courses. The nursing courses are completed in three



semesters (one calendar year). The RN to BSN Completion Program offers RNs who have associate degrees the opportunity to complete a bachelor degree in nursing.

## Department of Health Sciences

## Department of Nursing

### Associate of Science in Nursing

### Nursing, Generic Track, A.S.N.

The Generic track of the nursing program is a common traditional pathway to becoming a Registered Nurse (RN). The program requires two semesters of pre-requisite courses that must be taken before the first nursing course. After these courses are completed, students enter the four-semester sequence of nursing courses. The courses begin with the basics of nursing care and then progress in the following semesters to more complex issues including the latest technology used in patient care. Students learn in classroom settings as well as in small groups in campus laboratories where realistic automated patient manikins create a safe learning environment in which students are encouraged by an expert faculty to build skills and confidence. Students complete clinical rotations in area hospitals, all of which have excellent reputations for quality patient care. Graduates earn an associate of science in nursing (ASN) degree and are eligible to sit for the NCLEX-RN examination to earn their RN license. This program dovetails into the RN to BSN Completion track.

### Required Courses: 70 hours

- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3 \*
- BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1 \*
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3 \*
- BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1 \*
- BIOL 2050 - Microbiology and Health Care Credit Hour(s): 3
- BIOL 2050L - Microbiology and Health Care Laboratory Credit Hour(s): 1
- ENGL 1101 - Composition I Credit Hour(s): 3 \*
- ENGL 1102 - Composition II Credit Hour(s): 3
- HUMANITIES ELECTIVE (Choose one of the Humanities Electives for AAS/ASN Majors) Credit Hour(s): 3
- HIST 2111 - United States History I Credit Hour(s): 3
- **OR**
- HIST 2112 - United States History II Credit Hour(s): 3
- MATH 1001 - Quantitative Reasoning Credit Hour(s): 3 \*
- **OR**
- MATH 1111 - College Algebra Credit Hour(s): 3 \*
- PNUR 1104 - Pharmacology for Health Professions Credit Hour(s): 2 \*
- POLS 1101 - American Government Credit Hour(s): 3
- PSYC 1101 - Introduction to General Psychology Credit Hour(s): 3 \*
- **OR**
- PSYC 2103 - Human Growth and Development Credit Hour(s): 3 \*
- NURS 1108 - Nursing I-Fundamentals Credit Hour(s): 6

- NURS 1109 - Nursing II-Health & Physical Assessment Credit Hour(s): 3
- NURS 1110 - Nursing III-Medical/Surgical One Credit Hour(s): 6
- NURS 2207 - Nursing IV-Medical/Surgical Two Credit Hour(s): 6
- NURS 2208 - Nursing V-Maternal-Child & Women's Health Credit Hour(s): 4
- NURS 2209 - Nursing VI-Pediatrics Credit Hour(s): 4
- NURS 2210 - Nursing VII-Medical/Surgical Three Credit Hour(s): 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.

## Nursing, One-Year Registered Nurse (Bridge) Track, A.S.N.

The Bridge track of the nursing program affords LPNs, paramedics, and respiratory therapists advanced placement and an accelerated, one-day-per-week program. This track recognizes that these health care practitioners already have a knowledge base that will allow them to succeed in an RN program at a faster pace. The program requires that students have completed their entire core coursework required for the associate degree in nursing program. Upon completion of these classes, students take three semesters of nursing courses. This pace is challenging but very appealing to working health professionals. Graduates earn an Associate of Science in Nursing (ASN) degree and are eligible to sit for the NCLEX-RN examination to earn their RN license. This program dovetails into the RN to BSN Completion track with no loss of credit.

## Required Courses: 61 hours

- ENGL 1101 - Composition I Credit Hour(s): 3 \*
- ENGL 1102 - Composition II Credit Hour(s): 3 \*
- HUMANITIES ELECTIVE (Choose one of the Humanities Electives for AAS/ASN Majors) Credit Hour(s): 3 \*
- HIST 2111 - United States History I Credit Hour(s): 3 \*
- HIST 2112 - United States History II Credit Hour(s): 3 \*
- MATH 1001 - Quantitative Reasoning Credit Hour(s): 3 \*
- MATH 1111 - College Algebra Credit Hour(s): 3 \*
- PNUR 1104 - Pharmacology for Health Professions Credit Hour(s): 2 \*
- POLS 1101 - American Government Credit Hour(s): 3 \*
- PSYC 1101 - Introduction to General Psychology Credit Hour(s): 3 \*
- PSYC 2103 - Human Growth and Development Credit Hour(s): 3 \*
- NURS 1109B - Nursing I-Health & Physical Assessment Credit Hour(s): 3
- NURS 1115B - Nursing II-Transition to Associate Degree Nursing Credit Hour(s): 3
- NURS 2207B - Nursing III-Medical/Surgical Two Credit Hour(s): 6
- NURS 2208B - Nursing IV-Maternal-Child & Women's Health Credit Hour(s): 4
- NURS 2209B - Nursing V- Pediatrics Credit Hour(s): 4
- NURS 2210B - Nursing VI-Medical/Surgical Three Credit Hour(s): 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 outside of the scheduled class day 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.

## Bachelor of Science in Nursing

### Nursing, RN to BSN Completion, B.S.N.

The RN to BSN Completion track of the nursing program is designed to provide the educational opportunity for the RN who has an Associate of Science in Nursing (ASN) to complete the requirements to earn a bachelor's degree in nursing (BSN). Nurses commonly return to school to pursue a BSN to enhance their education and prepare for additional career opportunities. Because students are already RNs, the emphasis is less on clinical bedside care and more on leadership, critical thinking, collaboration, and population-level nursing care. Nurses often seek a BSN as a stepping stone to graduate school as they pursue careers as nurse practitioners, midwives, anesthetists, administrators, or educators. The RN to BSN track is individualized to each student's career goals.

### Core Curriculum: Areas A-E (42 hours)

(See ABAC Core Curriculum, using Area D Science option) A minimum grade of C is required in all core curriculum courses (Areas A-E)

### Core Curriculum Area F: 18 hours

### Required Courses:

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

- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3
- BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3
- BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1
- BIOL 2050 - Microbiology and Health Care Credit Hour(s): 3
- BIOL 2050L - Microbiology and Health Care Laboratory Credit Hour(s): 1
- PSYC 1101 - Introduction to General Psychology Credit Hour(s): 3
- PSYC 2103 - Human Growth and Development Credit Hour(s): 3

### Discipline Core Courses: 30 hours

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

- NURS 3000 - Concepts and Perspectives of Professional Nursing Practice Credit Hour(s): 4
- NURS 3050 - Advanced Health Assessment Credit Hour(s): 3

- NURS 4000 - Leadership and Information Management in Nursing Credit Hour(s): 5
- NURS 4050 - Foundations of Nursing Research Credit Hour(s): 3
- NURS 4100 - Community Nursing and Rural Health Credit Hour(s): 5
- NURS 4300 - Aging Populations Credit Hour(s): 3
- NURS 4350 - Professional Role Immersion Credit Hour(s): 7

## Articulation Hours: 30 hours

Articulation hours awarded following successful completion of NURS 3050

- NURS 3XXX - Georgia RN-BSN Articulation Credit Hour(s): 30

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and two PE activities 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.

## Bachelor of Science

### Business & Economic Development, B.S.

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 (42 hours)

(See ABAC Core Curriculum, using Area D Non-Science option)

### Area F: Major Courses: 18 hours

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

- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- ACCT 2102 - Principles of Accounting II Credit Hour(s): 3
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3

- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- BUSA 2106 - The Environment of Business Credit Hour(s): 3
- MATH 2000 - Statistics Credit Hour(s): 3

## Required Courses for the Major: 45 hours

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

- BUSA 1105 - Introduction to Business Credit Hour(s): 3
- BUSA 2100 - Spreadsheet Applications Credit Hour(s): 3
- MKTG 2175 - Principles of Marketing Credit Hour(s): 3
- MGMT 2600 - Principles of Management Credit Hour(s): 3
- BUSA 3050 - Business Statistics Credit Hour(s): 3
- BUSA 3100 - Data Analytics Credit Hour(s): 3
- BUSA 3150 - Principles of Finance Credit Hour(s): 3
- MKTG 3600 - Marketing Management Credit Hour(s): 3
- MGMT 3610 - Operations Management Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3
- MGMT 4190 - Strategic Management Credit Hour(s): 3
- MKTG 4300 - Selling and Negotiating Credit Hour(s): 3 \*
- BUSA 4790(A) - Business Internship Credit Hour(s): 3 \*\*\*
- BUSA 4980 - Capstone Seminar: Senior Project Credit Hour(s): 3 \*\*

## Major Elective Courses: 15 hours

Choose 15 hours from the following: (A minimum grade of C is required in these courses.)

- BUSA 3200 - Small Business Accounting Credit Hour(s): 3
- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- CISM 3201 - Small Business Technology Credit Hour(s): 3
- MKTG 3340 - Consumer Behavior Credit Hour(s): 3
- MGMT 3650 - Business Logistics Credit Hour(s): 3
- BUSA 4000 - International Business Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- MKTG 4100 - Social Media Credit Hour(s): 3
- MGMT 4260 - Small Business Management Credit Hour(s): 3 \*
- MGMT 4760 - Supply Chain Management Credit Hour(s): 3
- ECON 4710 - Rural Economic Development Credit Hour(s): 3
- BUSA 4790(B) - Business Internship Credit Hour(s): 3 \*\*\*
- BUSA 4790(C) - Business Internship Credit Hour(s): 3 \*\*\*
- BUSA 4791 - Business Internship Credit Hour(s): 6 \*\*\*

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and two PE activities courses.

\*Student should complete 72 semester hours of course work before taking MGMT 4260 or MKTG 4300.

\*\*Student should complete 90 semester hours of course work before taking BUSA 4980.

\*\*\*Student should complete 72 semester hours of course work and receive advisor approval before taking BUSA 4790(A)/BUSA 4790(B)/BUSA 4790(C) or BUSA 4791.

The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.

## Course Descriptions

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.

## 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.

### ABAC Orientation/Study Skills

#### ABAC 1000 - Freshman Seminar

Credit Hour(s): 1

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, Summer

#### ABAC 1100 - Academic Success Seminar

Credit Hour(s): 1

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, Spring

## Accounting

### ACCT 2101 - Principles of Accounting I

Credit Hour(s): 3

A study of basic accounting systems, concepts, and principles, and application of financial accounting concepts. Not open to students with credit for AECO 2200. Fall, Spring, Summer

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements and MATH 1111 with a minimum grade of C.

### ACCT 2102 - Principles of Accounting II

Credit Hour(s): 3

A study of the basic managerial accounting systems, concepts, and principles. The analysis, interpretation, and reporting of cost data for management's decision-making needs. Cost-volume-profit analysis, budgeting, and performance reporting are discussed as they relate to businesses. Fall, Spring, Summer

Prerequisite(s): ACCT 2101 with a minimum grade of C.

## **Agricultural Economics**

### **AECO 1150 - Introduction to Agribusiness Management**

Credit Hour(s): 3

A study of agribusiness management with major emphasis upon decision-making and efficient use of agribusiness resources. Fall, Spring

### **AECO 2200 - Agricultural Records**

Credit Hour(s): 3

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, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **AECO 2258 - Applied Economics**

Credit Hour(s): 3

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, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **AECO 2260 - Agricultural Marketing**

Credit Hour(s): 3

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, Spring

### **AECO 2265 - Agricultural Marketing Practicum**

Credit Hour(s): 3

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

Prerequisite(s): AECO 2258 or ECON 2106 with a minimum grade of C.

### **AECO 3200 - Agricultural Records II**

Credit Hour(s): 3

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

Prerequisite(s): AECO 2200 or ACCT 2101 with a minimum grade of C.

### **AECO 3265 - Advanced Agricultural Marketing Practicum**

Credit Hour(s): 3

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

Prerequisite(s): AECO 2265 with a minimum grade of C.

### **AECO 3410 - Commodity Marketing**

Credit Hour(s): 3

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

Prerequisite(s): AECO 2260 with a minimum grade of C.

### **AECO 3430 - Agricultural Financial Management**

Credit Hour(s): 3

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

Prerequisite(s): ACCT 2101 or AECO 2200 with a minimum grade of C.

### **AECO 3800 - Food and Agriculture Marketing**

Credit Hour(s): 3

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

Prerequisite(s): AECO 2260 with a minimum grade of C.



## **AECO 4100 - Agribusiness Management**

Credit Hour(s): 3

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

Prerequisite(s): AECO 1150 with a minimum grade of C.

## **AECO 4710 - Food and Agricultural Policy**

Credit Hour(s): 3

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

Prerequisite(s): AECO 2258 or ECON 2106 with a minimum grade of C.

## **Agricultural Education**

### **AGED 3030 - Floral Management**

Credit Hour(s): 3

This course offers an introduction to the concepts and practices of floral management and design. It includes an in-depth study of the principles and elements of design used in floral compositions. Students will be provided the opportunity to apply the principles of design as well as the marketing process through hands-on laboratory activities. Students will explore the scope of the floral industry and the potential for growth and profits. The principles of plant biology will be applied in preserving the quality of floral products and the evaluation of floral plant materials. Fall, Spring

### **AGED 3390 - Agriculture Practicum**

Credit Hour(s): 3

This course provides students a broad knowledge of the agriculture industry necessary to teach agriculture education in secondary programs. Emphasis will be placed on providing students with a wide variety of engaging activities for teaching and managing school programs and facilities. The course is designed for agricultural education majors. Students interested in careers with the Cooperative Extension Service, in agricultural communications, cooperative training, etc., will find this class beneficial. Fall, Spring

### **AGED 4040 - Greenhouse and Nursery Management**

Credit Hour(s): 3

This course offers an introduction to the concepts and practices of greenhouse and nursery management. This course provides practical experience in topics such as plant propagation, greenhouse and nursery facilities planning and operation, soils and fertilizers, scheduling, and marketing, etc. Students preparing to teach agriculture education, as well as those planning a career in horticulture will benefit. Fall, Spring

Prerequisite(s): BIOL 1107 and BIOL 1107L.

### **AGED 4340 - Community Programs in Agriculture**

Credit Hour(s): 3

This three-hour course provides students an opportunity for in-depth study of the intracurricular and peripheral support and leadership programs associated with the agricultural industry. Topics of study include Supervised Agricultural Experience (SAE) programs, Georgia Young Farmer Programs, FFA, FFA Alumni, school and community relationships, state and Federal agricultural agencies, local community organizations, and commodity organizations. The class will explore working relationships and cooperative learning with related agricultural education organizations such as the 4-H and the Cooperative Extension Service. Students will explore emerging trends and the philosophical foundations and historical development of secondary programs of Agricultural Education. Fall, Spring

Prerequisite(s): A minimum of 60 overall earned semester hours.

### **AGED 4370 - Agriscience Applications**

Credit Hour(s): 3

This course provides students an understanding of the application of science concepts using agricultural applications as a context in secondary and post-secondary agricultural education. The class is heavily lab and application based. Emphasis will be placed on providing students with engaging activities and laboratory exercises that connect the science classroom and lab with real world applications. Students entering the teaching profession, Cooperative Extension, agricultural communications, etc. will find this class beneficial. Fall, Spring

Prerequisite(s): BIOL 1107 and BIOL 1107L and a minimum of 60 overall earned semester hours.

### **AGED 4890 - Special Topics in Agricultural Education**

Credit Hour(s): 3

This customized course series provides guided learning experiences which allows students to explore concepts of special interest in agricultural education not covered in existing curriculum. The work may focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of course material will be determined in consultation with the cooperating faculty member. Fall, Spring

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **AGED 4891 - Special Topics in Agricultural Education**

Credit Hour(s): 3

This customized course series provides guided learning experiences which allows students to explore concepts of special interest in agricultural education not covered in existing curriculum. The work may focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of course material will be determined in consultation with the cooperating faculty member. Fall, Spring

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **AGED 4892 - Special Topics in Agricultural Education**

Credit Hour(s): 3

This customized course series provides guided learning experiences which allows students to explore concepts of special interest in agricultural education not covered in existing curriculum. The work may focus on a topic that lies beyond the prescribed curriculum appropriate to students' interests or employment opportunities. The scope and nature of course material will be determined in consultation with the cooperating faculty member. Fall, Spring

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Agricultural Engineering**

### **AENG 1109 - Engineering Graphics**

Credit Hour(s): 3

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

Prerequisite(s): Completion or exemption from English Learning Support requirements and MATH 1001 or MATH 1111 with a minimum grade of C.

### **AENG 2100 - Engineering Principles**

Credit Hour(s): 3

The intent of this course is to provide students with a comprehensive understanding of the fundamentals of engineering. The course will provide a foundation in many of the basic physical laws that guide the engineering sciences including statics, dynamics, fluid mechanics, thermodynamics, mechanics of materials, and electrical systems. Emphasis will be placed on applying these topics in an agricultural setting. Spring

Prerequisite(s): MATH 1111 or higher with a minimum grade of C.

### **AENG 3101 - Metal Fabrication**

Credit Hour(s): 3

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

Prerequisite(s): AENT 1113 with a minimum grade of C.

### **AENG 3201 - Biofuels Technology**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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, Spring

Prerequisite(s): AENT 1113 with a minimum grade of C.

### **AENG 4300 - Spatial Data Analysis in Agriculture**

Credit Hour(s): 3

This course is designed to familiarize students with the data management and analysis skills used in the precision agriculture industry. Students will apply their knowledge of precision agriculture to understand complex forms of spatial data and how to interpret them for beneficial use in a precision farming management system. Principles of geographic information systems, remote sensing, and statistics will be emphasized. Fall

Prerequisite(s): AENG 3300 with a minimum grade of C.

### **AENG 4890 - Special Topics in Agricultural Engineering**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **AENG 4891 - Special Topics in Agricultural Engineering**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **AENG 4892 - Special Topics in Agricultural Engineering**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Agricultural Technology**

### **AENT 1113 - Power Equipment**

Credit Hour(s): 3

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, Summer

### **AENT 2113 - Power Equipment II**

Credit Hour(s): 3

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, Spring

Prerequisite(s): AENT 1113 with a minimum grade of C.

### **AENT 3200 - Drainage, Irrigation and Erosion Control**

Credit Hour(s): 3

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

Prerequisite(s): AGRY 2020 with a minimum grade of C.

## **Agricultural Pest Mgmt.**

### **AGRP 1125 - Fundamentals of Plant Protection**

Credit Hour(s): 3

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, Spring

## **AGRP 3240 - Weed Management**

Credit Hour(s): 3

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, Summer

Prerequisite(s): AGRP 1125 or HORT 2232 with a minimum grade of C.

## **AGRP 3320 - Plant Disease Management**

Credit Hour(s): 3

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

Prerequisite(s): AGRP 1125 and BIOL 1107/BIOL 1107L with a minimum grade of C.

## **AGRP 4422 - Insect Pest Management**

Credit Hour(s): 3

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

Prerequisite(s): AGRP 1125 with a minimum grade of C.

# **Agriculture**

## **AGRI 2201 - Special Problems in Agriculture**

Credit Hour(s): 3

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, Summer

## **AGRI 2207 - Diversified Agriculture Internship**

Credit Hour(s): 3

On-the-job-training for students in the A.A.S. Diversified Agriculture degree program. An orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 30 overall earned credit hours.

## **AGRI 2209 - Agricultural Seminar**

Credit Hour(s): 1

An industry-awareness and exploration course consisting of various topics associated with the agricultural industry.  
Fall, Spring

## **AGRI 4500 - Farm Operations**

Credit Hour(s): 3

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, Summer

Prerequisite(s): Senior standing, and the following courses: AGRY 3510, and ASLH 2010 all with a minimum grade of C.

## **AGRI 4790(A) - Agriculture Internship**

Credit Hour(s): 3

Experiential learning experience selected by students and approved by their academic advisor will form the basis of this course allowing students to demonstrate technical knowledge and experience related to Agriculture. An orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours.

## **AGRI 4790(B) - Agriculture Internship**

Credit Hour(s): 3

Experiential learning experience selected by students and approved by their academic advisor will form the basis of this course allowing students to demonstrate technical knowledge and experience related to Agriculture. An orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours.

## **AGRI 4790(C) - Agriculture Internship**

Credit Hour(s): 3

Experiential learning experience selected by students and approved by their academic advisor will form the basis of this course allowing students to demonstrate technical knowledge and experience related to Agriculture. An orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours.

## **AGRI 4791 - Agriculture Internship**

Credit Hour(s): 6

Experiential learning experience elected by students and approved by their academic advisor will form the basis of this course. Students will apply problem solving skills, communication skills and disciplinary knowledge through full-time employment related to Agriculture. An orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours.

## **Agronomy**

### **AGRY 2020 - Soils and Fertilizers**

Credit Hour(s): 3

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, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **AGRY 3030 - Field Crop Production**

Credit Hour(s): 3

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

Prerequisite(s): AGRY 2020 and AGRP 1125 with a minimum grade of C.

### **AGRY 3110 - Forage Crops and Pastures**

Credit Hour(s): 3

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

Prerequisite(s): BIOL 1107, BIOL 1107L, ASLH 2010 and HORT 2201 all with a minimum grade of C.

### **AGRY 3510 - Soil Management**

Credit Hour(s): 3

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, Summer

Prerequisite(s): AGRY 2020 with a minimum grade of C.

### **AGRY 4050 - Soil Microbiology**



Cross-Listed With: BIOL 4050

Credit Hour(s): 3

This course discusses the roles of soil and water microorganisms in the sustainability and productivity of various ecosystems with specific emphasis on plant microbial interactions, nutrient cycling, degradation of pesticides and other xenobiotics, generation of trace gases, and soil and water quality. The laboratory portion of the course will reinforce these concepts and provide hands-on experience with current techniques in soil and water microbiology. Spring

Prerequisite(s): AGRY 3510 and BIOL 1107/BIOL 1107L all with a minimum grade of C or permission of the instructor.

### **AGRY 4890 - Special Topics in Crop Science**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **AGRY 4891 - Special Topics in Crop Science**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **AGRY 4892 - Special Topics in Crop Science**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Art**

### **ARTS 1010 - Drawing**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 1

An introduction to the options for professional training and careers in the visual arts. Fall

### **ARTS 2030 - Computer Arts**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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, Spring

### **ARTS 2217 - Painting**

Credit Hour(s): 3

An introduction to the techniques, principles and materials of painting. Fall

### **ARTS 2240 - Ceramics**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

A study of individuals, communities, regions, and global perspectives connected to rural arts. Spring

### **ARTS 4890 - Special Topics in Art**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **ARTS 4891 - Special Topics in Art**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **ARTS 4892 - Special Topics in Art**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Animal Science & Livestock Health**

### **ASLH 1125 - Introduction to Poultry Science**

Credit Hour(s): 3

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**

Credit Hour(s): 3

Care and techniques of farm animal management, handling, movement, restraint and facilities needed for efficient and profitable animal production. Fall, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements; ASLH 2010 with the minimum grade of C.

### **ASLH 2010 - Introduction to Animal Science**

Credit Hour(s): 3

A study of basic principles of animal genetics, selection, nutrition, growth, reproduction and lactation. Economic importance of livestock and poultry are emphasized. Fall, Summer

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **ASLH 2203 - Elements of Dairying**

Credit Hour(s): 3

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements. A minimum grade of C in ASLH 2010.

### **ASLH 3110 - Food Animal Evaluation and Selection**

Credit Hour(s): 3

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

Prerequisite(s): ASLH 2010 and BIOL 1107 /BIOL 1107L with a minimum grade of C.

### **ASLH 3120 - Herd Health**

Credit Hour(s): 3

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, Spring

Prerequisite(s): ASLH 2010 and BIOL 1107/BIOL 1107L with a minimum grade of C.

### **ASLH 3318 - Physiology of Reproduction**

Credit Hour(s): 3

Principles of reproduction in farm animals including factors related to the estrous cycle, gestation/pregnancy, lactation, gametogenesis, fertilization, and parturition. Spring

Prerequisite(s): ASLH 2010 and BIOL 1107/BIOL 1107L all with a minimum grade of C.

### **ASLH 4110 - Meat Production, Processing and Marketing**

Credit Hour(s): 3

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

Prerequisite(s): ASLH 2010, and BIOL 1107/BIOL 1107L all with a minimum grade of C.

### **ASLH 4205 - Beef Production**

Credit Hour(s): 3

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

Prerequisite(s): ASLH 3110, ASLH 3120, ASLH 3318, and ASLH 4405 with a minimum grade of C.

### **ASLH 4300A - Livestock Judging I**

Credit Hour(s): 3

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

Prerequisite(s): ASLH 3110 with a minimum grade of C.

### **ASLH 4300B - Livestock Judging II**

Credit Hour(s): 3

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

Prerequisite(s): ASLH 4300A with a minimum grade of C.

### **ASLH 4405 - Applied Animal Nutrition**

Credit Hour(s): 3

A review of applied nutritional practices and management, and ration formulation for beef and dairy cattle, horses, swine, and poultry. Fall

Prerequisite(s): the following courses with a minimum grade of C: ASLH 2010, BIOL 1107/BIOL 1107L, and MATH 1001 or equivalent math.

### **ASLH 4890 - Special Topics in Animal Science**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **ASLH 4891 - Special Topics in Animal Science**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **ASLH 4892 - Special Topics in Animal Science**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Biology**

### **BIOL 1107 - Principles of Biology I**

Credit Hour(s): 3

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, Summer

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

Corequisite(s): BIOL 1107L.

### **BIOL 1107H - Principles of Biology I (Honors)**

Credit Hour(s): 4

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **BIOL 1107L - Principles of Biology I Laboratory**

Credit Hour(s): 1

Fall, Spring, Summer

### **BIOL 1108 - Principles of Biology II**

Credit Hour(s): 3

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, Summer

Prerequisite(s): BIOL 1107/BIOL 1107L with a minimum grade of C.

Corequisite(s): BIOL 1108L.

### **BIOL 1108H - Principles of Biology II (Honors)**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 1107 & BIOL 1107L with a minimum grade of B or BIOL 1107H with a minimum grade of C.

### **BIOL 1108L - Principles of Biology II Laboratory**

Credit Hour(s): 1

Fall, Spring, Summer

### **BIOL 2011 - Human Anatomy and Physiology I**

Credit Hour(s): 3

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, Summer

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

Corequisite(s): BIOL 2011L.

### **BIOL 2011L - Human Anatomy and Physiology I Laboratory**



Credit Hour(s): 1

Fall, Spring, Summer

## **BIOL 2012 - Human Anatomy and Physiology II**

Credit Hour(s): 3

A continuation of BIOL 2011 including study of the cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Fall, Spring, Summer

Prerequisite(s): BIOL 2011/BIOL 2011L with a minimum grade of C.

Corequisite(s): BIOL 2012L.

## **BIOL 2012L - Human Anatomy and Physiology II Laboratory**

Credit Hour(s): 1

Fall, Spring, Summer

## **BIOL 2050 - Microbiology and Health Care**

Credit Hour(s): 3

A study of the basic microorganism including pathogens, culturing, methods of staining, disinfection and disease. Fall, Spring, Summer

Prerequisite(s): BIOL 1107/BIOL 1107L with a minimum grade of C or BIOL 2012/BIOL 2012L with a minimum grade of C.

Corequisite(s): BIOL 2050L.

## **BIOL 2050L - Microbiology and Health Care Laboratory**

Credit Hour(s): 1

Fall, Spring, Summer

## **BIOL 2070 - Botany**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 1108/BIOL 1108L with a minimum grade of C.

## **BIOL 2080 - General Zoology**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 1108/BIOL 1108L with a minimum grade of C.

### **BIOL 3030 - Mycology**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 2070 with a minimum grade of C.

### **BIOL 3040 - Plant Pathology**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 2070 with a minimum grade of C.

### **BIOL 3060 - Entomology**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 2080 with a minimum grade of C.

### **BIOL 3070 - Animal Behavior**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 2080 with a minimum grade of C.

## **BIOL 3090 - Invertebrate Zoology**

Credit Hour(s): 4

This course entails a survey of the evolution, morphology, diversity, and ecology of invertebrates. Spring

Prerequisite(s): BIOL 2080 with a minimum grade of C.

## **BIOL 3100 - Introductory Biochemistry and Molecular Biology**

Cross-Listed With: CHEM 3100

Credit Hour(s): 4

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

Prerequisite(s): BIOL 1108/BIOL 1108L and CHEM 2041/CHEM 2041L with a minimum grade of C.

## **BIOL 3101 - Biochemistry II**

Cross-Listed With: CHEM 3101

Credit Hour(s): 3

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

Prerequisite(s): BIOL 3100 or CHEM 3100 with a minimum grade of C.

Corequisite(s): BIOL 3101L.

## **BIOL 3101L - Biochemistry II Laboratory**

Cross-Listed With: CHEM 3101L

Credit Hour(s): 1

Provides students with hands-on experience with common biochemistry bench top techniques and procedures including spectroscopy, chromatography, enzyme purification and kinetics, SDS-PAGE, and PCR. Spring

Prerequisite(s): BIOL 3100 or CHEM 3100 with a minimum grade of C.

Corequisite(s): BIOL 3101 (CHEM 3101) Biochemistry II.

## **BIOL 3102 - Advanced Biochemistry (Biochemistry III)**

Cross-Listed With: CHEM 3102

Credit Hour(s): 3

This course is a continuation of BIOL 3101 (CHEM 3101) Biochemistry II which will focus on biosynthesis of molecules that play major roles in various pathways; the structure, function, and regulation of genes and chromosomes; as well as more in-depth analysis of various cycles in the body. Exploration of newly published scientific papers deemed relevant to the course will be discussed. Fall, Spring

Prerequisite(s): BIOL 3101/BIOL 3101L or CHEM 3101/CHEM 3101L with a minimum grade of C.

### **BIOL 3180 - Field Botany**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 2070 with a minimum grade of C.

### **BIOL 3200 - Genetics**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 1108/BIOL 1108L and CHEM 1212/CHEM 1212L with a minimum grade of C.

### **BIOL 3221 - Nutrition & Metabolism**

Credit Hour(s): 3

A comparative study of nutrients and metabolic pathways in animal systems. This course will focus heavily on the chemical aspects of nutrition including the study of nutrient nomenclature, structure, function, deficiency symptoms, digestive processes, metabolic pathways of major nutrients, and energy utilization. Spring

Prerequisite(s): BIOL 1108/BIOL 1108L and CHEM 2040/CHEM 2040L, all with a minimum grade of C.

### **BIOL 3250 - Toxicology**

Credit Hour(s): 3

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

Prerequisite(s): BIOL 1108/BIOL 1108L and CHEM 2040/CHEM 2040L all with a minimum grade of C.

### **BIOL 3350 - Principles of Ecology & Evolution**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 2070, BIOL 2080, BIOL 3200, and CHEM 1212/CHEM 1212L all with a minimum grade of C.

### **BIOL 3401 - Medical Ethics**

Credit Hour(s): 3

The purpose of this course is to prepare students to deal effectively with issues within medical ethics by providing a detailed introduction to core ethical issues in medical ethics and public policy. Topics include but not restricted or limited to: Ethical Theories, Contemporary approaches to Medical Ethics, Doctor-Patient Relationship, Confidentiality, Truth-telling, Autonomy, Paternalism, and Informed Consent, Abortion, Cloning/Embryo selection/Genetic Screening/Eugenics, Euthanasia/physician-assisted suicide/Life support in vegetative state, Performance-enhancing drugs. Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements and BIOL 1108/BIOL 1108L with a minimum grade of C.

### **BIOL 3402 - Kinesiology**

Credit Hour(s): 3

This course provides an introduction to kinesiology as an academic discipline, and includes training on fundamental concepts, the anatomy of movement/physical activity as is related to the musculoskeletal system, professional/career options, current issues, and professional responsibilities. Topics include but are not restricted or limited to: Nerve and Muscle Physiology, Bone Physiology, Muscle Activity and Strength, Shoulder Complex, Elbow and Forearm Complex, Pelvis and Hip, Knee, Ankle and Foot, Types of motion, Planes of motion, Speed Velocity, and Acceleration. Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements and BIOL 2012/BIOL 2012L with a minimum grade of C.

### **BIOL 3403K - Exercise Physiology**

Credit Hour(s): 4

An introduction to the physiological responses and adaptations to exercise. Topics include but are not restricted to neuromuscular, cardiovascular, respiratory, metabolic, and hormonal systems as they pertain to acute and chronic exercise. Spring

Prerequisite(s): BIOL 2012/BIOL 2012L with a minimum grade of C.

### **BIOL 3450 - Principles of Nutrition**

Credit Hour(s): 3

This course is designed to provide students with a basic understanding of the science of nutrition emphasizing the impact food can have on the individual's health and wellness. Students will identify the essential nutrients and their functions, as well as describe nutritional behaviors that promote optimal nutrition and disease prevention throughout the human life cycle. Energetics and food safety will be included. Fall

Prerequisite(s): BIOL 1108/BIOL 1108L and CHEM 1212/CHEM 1212L with a minimum grade of C.

## **BIOL 3500 - Introductory Microbiology**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 1108/BIOL 1108L and CHEM 2041/CHEM 2041L with a minimum grade of C.

## **BIOL 3770 - Ornithology**

Cross-Listed With: FRSC 3770

Credit Hour(s): 3

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

Prerequisite(s): BIOL 1108/BIOL 1108L with a minimum grade of C.

## **BIOL 3800 - Plant Anatomy**

Credit Hour(s): 4

The development of cells, tissues, and organs in vegetative and reproductive structures of vascular plants. Emphasis on seed plants. Spring

Prerequisite(s): BIOL 2070 with a minimum grade of C.

## **BIOL 3850 - Comparative Vertebrate Anatomy**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 2080 with a minimum grade of C.

## **BIOL 3880 - Herpetology**

Cross-Listed With: FRSC 3880

Credit Hour(s): 3

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

Prerequisite(s): BIOL 1108/BIOL 1108L with a minimum grade of C.

## **BIOL 4050 - Soil Microbiology**

Cross-Listed With: AGRY 4050

Credit Hour(s): 3

This course discusses the roles of soil and water microorganisms in the sustainability and productivity of various ecosystems with specific emphasis on plant microbial interactions, nutrient cycling, degradation of pesticides and other xenobiotics, generation of trace gases, and soil and water quality. The laboratory portion of the course will reinforce these concepts and provide hands-on experience with current techniques in soil and water microbiology. Spring

Prerequisite(s): AGRY 3510 and BIOL 1107/BIOL 1107L all with a minimum grade of C or permission of the instructor.

## **BIOL 4100 - Cell & Molecular Biology**

Credit Hour(s): 4

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 provides 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

Prerequisite(s): BIOL 3100 and BIOL 3500 with a minimum grade of C.

## **BIOL 4150 - Neuroscience**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 2080 and BIOL 3100 with a minimum grade of C.

## **BIOL 4200 - Plant Physiology**

Credit Hour(s): 4

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

Prerequisite(s): BIOL 2070 with a minimum grade of C.

## **BIOL 4250 - Animal Physiology**

Credit Hour(s): 4

The function of major systems in animals, including evolutionary changes and adaptation to specific environments. Fall

Prerequisite(s): BIOL 2080 and BIOL 3100 with a minimum grade of C.

### **BIOL 4260 - Pathophysiology**

Credit Hour(s): 3

A study of disease as an abnormal biological process. Topics include etiology, symptoms, and the physical and psychological reactions to diseases and injuries. Common diseases and disorders are covered and emphasis is given to cardiovascular, respiratory, urinary, digestive, nervous, and reproductive systems. Students will interpret scientific principles, theories, and laws as they apply to the dynamic nature of scientific disciplines. Spring

Prerequisite(s): BIOL 2012/BIOL 2012L with a minimum grade of C.

### **BIOL 4300 - Parasitology**

Credit Hour(s): 4

Development, identification, host-parasite relationships and medical importance of parasitic protozoa, helminths, and arthropods that infect humans, domestic animals, and wildlife. Spring

Prerequisite(s): BIOL 2080 and BIOL 3500 with a minimum grade of C.

### **BIOL 4305 - Instrumental Analysis**

Cross-Listed With: CHEM 4305

Credit Hour(s): 4

This course covers the design, operational principles, and practical applications of modern instrumental methods used in chemical analysis. Methods discussed will include separation identification and quantification of the chemical components of natural and artificial materials. Fall, Spring

Prerequisite(s): CHEM 2800/CHEM 2800L with a minimum grade of C.

### **BIOL 4350 - Population Genetics**

Credit Hour(s): 3

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

Prerequisite(s): BIOL 3200 with a minimum grade of C AND MATH 2000 or MATH 2053 with a minimum grade of a C.

### **BIOL 4400 - Immunology**



Credit Hour(s): 4

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, immunology to chemistry, immunoassays (ELISA), and selected techniques. Spring

Prerequisite(s): BIOL 3100 and BIOL 3500 with a minimum grade of C.

### **BIOL 4510 - Vertebrate Natural History**

Cross-Listed With: FRSC 4510

Credit Hour(s): 3

The life histories of vertebrate species are covered, with primary emphasis on the identification, ecology, behavior, taxonomy, and systematic of southeastern wildlife species. Spring

Prerequisite(s): BIOL 1108/BIOL 1108L with a minimum grade of C.

### **BIOL 4550 - Tropical Ecology and Natural History**

Credit Hour(s): 4

A course designed to explore various tropical environments and introduce the natural history of organisms common to those environments. Ecosystems, biodiversity, and environmental issues are introduced through lectures, field experiences, and discovery-oriented investigative experiences. Interrelationships of physical, chemical, and biological components of the environment and impact of human activities on these ecosystems are explored. Topics include geology and ecology/zonation of the following systems: rainforests, river systems, coral reefs, patch reefs, sea grass beds, mangrove and estuaries, intertidal beach and cave systems as well as taxonomy of selected organisms. Spring, Summer

Prerequisite(s): BIOL 2080 with a minimum grade of C and permission from the instructor.

### **BIOL 4600 - Biological Research Methods**

Credit Hour(s): 2

The class will consist of an introduction to research design and implementation. Fall, Spring, As needed

Prerequisite(s): BIOL 1108/BIOL 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.

### **BIOL 4601 - Biological Research**

Credit Hour(s): 2

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, Spring, As needed

Prerequisite(s): BIOL 1108/BIOL 1108L, BIOL 4600, and 20 additional hours of biological science all with a minimum grade of C, and permission of the instructor.

### **BIOL 4602 - Research Methods for Health Science**

Credit Hour(s): 2

An introduction to the principles of research methodology in the health sciences. The course will examine the context of research in the health sciences and will provide students with basic research skills. Spring

Prerequisite(s): MATH 2000, BIOL 2012/BIOL 2012L, BIOL 3401 and BIOL 3450 with a minimum grade of C.

### **BIOL 4790(A) - Biology Internship**

Credit Hour(s): 3

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 Biology 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. Students in a 3-credit hour internship are expected to work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 earned credit hours.

### **BIOL 4890 - Special Topics in Biology**

Credit Hour(s): 1 to 4

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

Prerequisite(s): BIOL 1108/BIOL 1108L and 20 additional hours of biological science with a minimum grade of C.

### **BIOL 4891 - Special Topics in Biology**

Credit Hour(s): 1 to 4

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

Prerequisite(s): BIOL 1108/BIOL 1108L and 20 additional hours of biological science with a minimum grade of C.

## **BIOL 4892 - Special Topics in Biology**

Credit Hour(s): 1 to 4

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

Prerequisite(s): BIOL 1108/BIOL 1108L and 20 additional hours of biological science with a minimum grade of C.

## **BIOL 4900 - Senior Seminar**

Credit Hour(s): 1

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

## **Business Administration**

### **BUSA 1101 - Business Seminar**

Credit Hour(s): 1

An industry awareness and exploration course consisting of various topics associated with Business and Economics. As needed

Prerequisite(s): Completion or exemption from English Learning Support requirements.

### **BUSA 1105 - Introduction to Business**

Credit Hour(s): 3

An integrative survey of the functional areas of business (finance, operations, marketing, human resources, etc.). Fall, Spring

### **BUSA 2100 - Spreadsheet Applications**

Credit Hour(s): 3

This course enables students to create and use spreadsheets and workbooks as well as the creation and application of basic and advanced formulas and functions. The course will also explore advanced spreadsheet development techniques, chart and graph development and enhancement, working with templates and workbooks, and file sharing. Fall, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

## **BUSA 2105 - Communicating in the Business Environment**

Credit Hour(s): 3

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

Prerequisite(s): Completion or exemption from English Learning Support requirements.

## **BUSA 2106 - The Environment of Business**

Credit Hour(s): 3

The course looks at the combination of internal and external factors that influence a company's operating situation. It is an introduction to the legal, regulatory, political, social, ethical, cultural, environmental, and technological issues which form the context for business. It also includes an overview of the impact of demographic diversity on organizations.  
Fall, Spring

Prerequisite(s): Completion or exemption from English Learning Support requirements.

## **BUSA 2155 - Business Law**

Credit Hour(s): 3

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

Prerequisite(s): Completion or exemption from English Learning Support requirements.

## **BUSA 3050 - Business Statistics**

Credit Hour(s): 3

This course introduces students to 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. Fall, Spring

Prerequisite(s): MATH 1111 and MATH 2000 with a minimum grade of C.

## **BUSA 3100 - Data Analytics**

Credit Hour(s): 3

This course provides an introduction to business analytics. Students will learn how data analysis describe, predict, and inform business decisions. Students will develop basic data literacy and an analytic mindset that will help them make strategic decisions based on data. Students will apply their skills to interpret a real-world data set and make appropriate business strategy recommendations. As needed

Prerequisite(s): BUSA 2100 with a minimum grade of C or permission of the Dean of the Stafford School of Business.

## **BUSA 3150 - Principles of Finance**

Credit Hour(s): 3

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

Prerequisite(s): ACCT 2101 or AECO 2200 and ECON 2105 all with a minimum grade of C.

## **BUSA 3200 - Small Business Accounting**

Credit Hour(s): 3

The course focus is on exploring the financial management tools required for small business, with emphasis on the practical and tax aspects. Topics include business entity choices, use of accounting software, budgeting, and tax planning. Students will use QuickBooks accounting software extensively throughout the course and will be prepared to take the QuickBooks Certification examination, should they choose to do so. Spring

Prerequisite(s): ACCT 2101 or AECO 2200 with a minimum grade of C.

## **BUSA 4000 - International Business**

Credit Hour(s): 3

Through this course, students will develop an understanding of the management of organizations in a global business environment. The course looks at the general framework of the international business system, the manager's role in it, and some of the specific instructions and practices, which affect international business. Spring

Prerequisite(s): MKTG 2175 or AECO 2260 and MGMT 2600 or AECO 1150 with a minimum grade of C.

## **BUSA 4790(A) - Business Internship**

Credit Hour(s): 3

The internship course supervised by a faculty member, offers students and opportunity to gain work experience in a field related to their professional interests. Fall, Spring, Summer

Prerequisite(s): Minimum 2.0 overall GPA, successful completion of 72 hours towards the BS Business and Economic Development degree, and advisor approval.

## **BUSA 4790(B) - Business Internship**

Credit Hour(s): 3

The internship course supervised by a faculty member, offers students and opportunity to gain work experience in a field related to their professional interests. Fall, Spring, Summer

Prerequisite(s): Minimum 2.0 overall GPA, successful completion of 72 hours towards the BS Business and Economic Development degree, and advisor approval.

## **BUSA 4790(C) - Business Internship**

Credit Hour(s): 3

The internship course supervised by a faculty member, offers students and opportunity to gain work experience in a field related to their professional interests. Fall, Spring, Summer

Prerequisite(s): Minimum 2.0 overall GPA, successful completion of 72 hours towards the BS Business and Economic Development degree, and advisor approval.

## **BUSA 4791 - Business Internship**

Credit Hour(s): 6

The internship course supervised by a faculty member, offers students an opportunity to gain work experience in a field related to their professional interest. Fall, Spring, Summer

Prerequisite(s): Minimum 2.5 overall GPA, successful completion of 72 hours towards the BS Business and Economic Development degree, and approval from the Dean of the Stafford School of Business.

## **BUSA 4980 - Capstone Seminar: Senior Project**

Credit Hour(s): 3

The capstone seminar is semester-long project intended to provide a synergistic experience for business and economic development seniors. Students will build skills in problem analysis, business case preparation, product/solution development, market research, presentation, and public speaking. Students will also enhance their project management, teamwork, and problem-solving skills. Fall, Spring

Prerequisite(s): Minimum 2.0 overall GPA, successful completion of 90 hours towards the BS Business and Economic Development degree.

## **Chemistry**

### **CHEM 1211 - Principles of Chemistry I**

Credit Hour(s): 3

A general course in chemistry including dimensional analysis, atomic and molecular structures, chemical and physical properties, gas laws, and solutions. Fall, Spring, Summer

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.  
Corequisite(s): CHEM 1211L and MATH 1111.

### **CHEM 1211H - Principles of Chemistry I (Honors)**

Credit Hour(s): 4

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.  
Corequisite(s): MATH 1111.

### **CHEM 1211L - Principles of Chemistry I Laboratory**

Credit Hour(s): 1

Fall, Spring, Summer

### **CHEM 1212 - Principles of Chemistry II**

Credit Hour(s): 3

A continuation of CHEM 1211 including thermodynamics, kinetics, equilibrium, and selected descriptive chemistry.  
Spring, Summer, Fall, As needed

Prerequisite(s): CHEM 1211, CHEM 1211L and MATH 1111 with a minimum grade of C.  
Corequisite(s): CHEM 1212L.

### **CHEM 1212H - Principles of Chemistry II (Honors)**

Credit Hour(s): 4

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

Prerequisite(s): CHEM 1211 & CHEM 1211L or CHEM 1211H and MATH 1111 or higher (except MATH 2008). All prerequisite courses require a minimum grade of B.

### **CHEM 1212L - Principles of Chemistry II Laboratory**

Credit Hour(s): 1

Fall, Spring, Summer, As needed

### **CHEM 2040 - Fundamental Organic Chemistry I**

Credit Hour(s): 3

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

Prerequisite(s): CHEM 1212 and CHEM 1212L with a minimum grade of C.  
Corequisite(s): CHEM 2040L.

### **CHEM 2040L - Fundamental Organic Chemistry I Laboratory**

Credit Hour(s): 1

Fall

## **CHEM 2041 - Fundamental Organic Chemistry II**

Credit Hour(s): 3

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

Prerequisite(s): CHEM 2040 and CHEM 2040L with a minimum grade of C.

Corequisite(s): CHEM 2041L.

## **CHEM 2041L - Fundamental Organic Chemistry II Laboratory**

Credit Hour(s): 1

Spring

## **CHEM 2800 - Quantitative Analytical Chemistry**

Credit Hour(s): 3

This course introduces students to statistics; the use of spreadsheets; principles of gravimetric and volumetric analysis; concepts of chemical equilibria as applied to acid-base precipitation and complex ion reactions; electrochemistry and potentiometry; ultraviolet-visible spectroscopy; and an introduction to modern chromatographic separations. Fall, Spring

Prerequisite(s): CHEM 1212/CHEM 1212L and MATH 2000 with a minimum grade of C in each.

Corequisite(s): CHEM 2800L.

## **CHEM 2800L - Quantitative Analytical Chemistry Laboratory**

Credit Hour(s): 1

This course is designed to be taken in conjunction with CHEM 2800. It will provide hands-on opportunities for students that coincide with the material/experiments covered in lecture. Laboratory experiments include gravimetric analysis; precipitation, complexometric, and reduction-oxidation titrations; potentiometric applications; calibration techniques using ultraviolet visible spectroscopy; and will also contain tutorials on the application of spreadsheets. Fall, Spring

Prerequisite(s): CHEM 1212/CHEM 1212L and MATH 2000 with a minimum grade of C in each.

Corequisite(s): CHEM 2800.

## **CHEM 3100 - Introductory Biochemistry and Molecular Biology**

Cross-Listed With: BIOL 3100

Credit Hour(s): 4



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

Prerequisite(s): BIOL 1108/BIOL 1108L and CHEM 2041/CHEM 2041L with a minimum grade of C.

### **CHEM 3101 - Biochemistry II**

Cross-Listed With: BIOL 3101

Credit Hour(s): 3

Continuation of CHEM 3100 - Introductory Biochemistry and Molecular Biology with a focus on metabolism and the transfer of information from DNA to RNA to protein. Spring

Prerequisite(s): BIOL 3100 or CHEM 3100 with a minimum grade of C.

Corequisite(s): CHEM 3101L.

### **CHEM 3101L - Biochemistry II Laboratory**

Cross-Listed With: BIOL 3101L

Credit Hour(s): 1

Provides students hands-on experience with common biochemistry bench top techniques and procedures including spectroscopy, chromatography, enzyme purification and kinetics, SDS-PAGE, and PCR. Spring

Prerequisite(s): BIOL 3100 or CHEM 3100 with a minimum grade of C.

Corequisite(s): BIOL 3101 (CHEM 3101) Biochemistry II.

### **CHEM 3102 - Advanced Biochemistry (Biochemistry III)**

Cross-Listed With: BIOL 3102

Credit Hour(s): 3

This course is a continuation of BIOL 3101 (CHEM 3101) Biochemistry II that will focus on biosynthesis of molecules that play major roles in various pathways; the structure, function, and regulation of genes and chromosomes; as well as more in-depth analysis of various cycles in the body. Exploration of newly published scientific papers deemed relevant to the course will be discussed. Fall, Spring

Prerequisite(s): BIOL 3101/BIOL 3101L or CHEM 3101/CHEM 3101L with a minimum grade of C.

### **CHEM 4305 - Instrumental Analysis**

Cross-Listed With: BIOL 4305

Credit Hour(s): 4

This course covers the design, operational principles, and practical applications of modern instrumental methods used in chemical analysis. Methods discussed include separation, identification, and quantification of the chemical components of natural and artificial materials. Fall, Spring

Prerequisite(s): CHEM 2800/CHEM 2800L with a minimum grade of C.

# **Computer Information System**

## **CISM 2201 - Fundamentals of Computer Applications**

Credit Hour(s): 3

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, Summer

## **CISM 3201 - Small Business Technology**

Credit Hour(s): 3

An introduction to the use of information systems technology by managers and professionals to improve organizational performance, group work, and personal productivity. This course reviews the current technology available such as cloud computing, Microsoft Office® or the latest software available, along with various software programs for small businesses. Fall

Prerequisite(s): BUSA 2100 with a minimum grade of C.

# **Communications**

## **COMM 1100 - Human Communication**

Credit Hour(s): 3

A broad-based oral communication class focusing on public speaking, interpersonal and small group communication. Fall, Spring, Summer

## **COMM 1100H - Human Communication (Honors)**

Credit Hour(s): 3

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

Prerequisite(s): Honors Program membership or permission of Honors Director.

## **COMM 1110 - Public Speaking**

Credit Hour(s): 3

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, Summer

## **COMM 2100 - Interpersonal Communication**

Credit Hour(s): 3

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

Prerequisite(s): COMM 1100 or COMM 1110 and ENGL 1101 with a minimum grade of C.

### **COMM 2300 - Communications Theory and Research**

Credit Hour(s): 3

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

Prerequisite(s): COMM 1100 or COMM 1110 and ENGL 1101 with a minimum grade of C.

### **COMM 3100 - Professional Communication Methods**

Credit Hour(s): 3

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, Spring

Prerequisite(s): COMM 1100 or COMM 1110 and ENGL 1102 with a minimum grade of C.

### **COMM 3325 - Intercultural Communication**

Credit Hour(s): 3

Study of communication and cultural variables and how intercultural interaction affects participants and messages. Spring

### **COMM 3850 - Introduction to Public Relations**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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 essence of reasoning, rationality, and reflection on moral and ethical dilemmas with regard to communications issues will be addressed. As needed

### **COMM 4500 - Persuasive Communication**

Credit Hour(s): 3

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 - Special Topics in Communication**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **COMM 4891 - Special Topics in Communication**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **COMM 4892 - Special Topics in Communication**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

# **Criminal Justice**

## **CRJU 1100 - Introduction to Criminal Justice**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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.

## **Computer Science**

### **CSCI 1100 - Introduction to Computing**

Credit Hour(s): 3

For non-science majors. 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. Fall, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

## **CSCI 1301 - Computer Science I**

Credit Hour(s): 4

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements as well as MATH 1111.

## **CSCI 1302 - Computer Science II**

Credit Hour(s): 4

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

Prerequisite(s): CSCI 1301.

## **Economics**

### **ECON 2105 - Principles of Macroeconomics**

Credit Hour(s): 3

An introduction to the basic principles of economics with emphasis on the macroeconomics aspects of our economic system. It covers the concepts of demand and supply, national income analysis, inflation, unemployment, fiscal and monetary policy, money and banking, and the impact of globalization on macroeconomic activity. Fall, Spring, Summer

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **ECON 2105H - Principles of Macroeconomics (Honors)**

Credit Hour(s): 3

An introduction to the basic principles of economics with emphasis on the macroeconomics aspects of our economic system. It covers the concepts of demand and supply, national income analysis, inflation, unemployment, fiscal and monetary policy, money and banking, and the impact of globalization on macroeconomic activity. Fall

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **ECON 2106 - Principles of Microeconomics**

Credit Hour(s): 3

This course in economics is designed to increase the students understanding of our economic system, and our individual role within this system. It introduces students to laws governing the use of scarce resources by producers and consumers in market economies, with emphasis on the role played by prices. Not open to students with credit for

AECO 2258. Fall, Spring, Summer

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **ECON 3300 - Contemporary Economic Issues**

Credit Hour(s): 3

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

Prerequisite(s): 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.

### **ECON 4710 - Rural Economic Development**

Credit Hour(s): 3

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

Prerequisite(s): 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.

### **ECON 4890 - Special Topics in Economics**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **ECON 4891 - Special Topics in Economics**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.



## **ECON 4892 - Special Topics in Economics**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Educational Service Learning**

### **EDSV 2100 - Educational Service Learning - A Peer Approach**

Credit Hour(s): 3

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 Overall GPA 2.5 and completion of at least 24 semester hours required. Fall

## **Education**

### **EDUC 2110 - Investigating Critical and Contemporary Issues in Education**

Credit Hour(s): 3

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.

Prerequisite(s): ENGL 1101 with a minimum grade of C; at least fifteen semester hours of academic credit with a minimum GPA of 2.0.

### **EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts**

Credit Hour(s): 3

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.

Prerequisite(s): ENGL 1101 with a minimum grade of C; at least fifteen semester hours of academic credit with a minimum GPA of 2.0.

### **EDUC 2130 - Exploring Learning and Teaching**

Credit Hour(s): 3

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.

Prerequisite(s): ENGL 1101 with a minimum grade of C; at least fifteen semester hours of academic credit with a minimum of a 2.0 GPA.

### **EDUC 3140 - Education in Rural Contexts**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman.

### **EDUC 4010 - Early Clinical Experience in Agricultural Education**

Credit Hour(s): 3

This course explores current problems in teaching agricultural education and education in specialized areas relevant to the needs of future agriculture teachers. The course is part of the Teacher Education Program to help prepare students for student teaching. The class provides pre-professional clinical experiences in agricultural education. Involvement in off-campus Agricultural Education/FFA activities will be required to succeed in the class. Students will be placed in local schools for clinical observations based on guidelines of the College, local school system, and Professional Standards Commission (PSC). Fall, Spring

Prerequisite(s): Admission to Teacher Education.

### **EDUC 4350 - Curriculum Development**

Credit Hour(s): 3

In this intermediate curriculum development course, students will examine curricular theory research and use it to create lesson and unit plans that reflect the content and skills the students will impart as teachers. Fall

Prerequisite(s): EDUC 2110, EDUC 2120, EDUC 2130, all with a minimum grade of C.

## **EDUC 4360 - Pedagogy and Instructional Methods**

Credit Hour(s): 3

In this intermediate pedagogy and educational instruction course, students will learn to implement lessons and unit plans. Microteaching experiences designed to cultivate student engagement and learning as well as critical and creative thinking will be modeled by the instructor and contextualized within educational theory and research to provide preservice teachers with a meaningful understanding of, and a developing proficiency with, research-supported instructional practices. Fall

Prerequisite(s): EDUC 2110, EDUC 2120, EDUC 2130, all with a minimum grade of C.

## **EDUC 4460 - Student Teaching Practicum**

Credit Hour(s): 12

The student teaching practicum provides prospective teachers the opportunity to observe and teach for one semester in cooperation with an on-site mentor. The student will receive feedback from both the mentor teacher and a college professor while pedagogy is put into practice. An on-campus practicum seminar will be provided so students can discuss opportunities and problems with peers and academic professionals in a college classroom setting. Spring

Prerequisite(s): EDUC 4350 AND EDUC 4360 with a minimum grade of C.

## **English**

### **ENGL 0999 - Support of English Composition I**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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, Spring

### **ENGL 1101 - Composition I**

Credit Hour(s): 3

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, Summer

### **ENGL 1101H - Composition I (Honors)**

Credit Hour(s): 3

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**

Credit Hour(s): 3

English 1102 is a composition course in emphasizes analysis, interpretation, and evaluation of a variety of texts. The course focuses on academic writing and research. Fall, Spring, Summer

Prerequisite(s): ENGL 1101 with a minimum grade of C.

### **ENGL 1102H - Composition II (Honors)**

Credit Hour(s): 3

English 1102 is a composition course in emphasizes analysis, interpretation, and evaluation of a variety of texts. The course focuses on academic writing and research. Spring

Prerequisite(s): ENGL 1101 with a minimum grade of C and Honors Program membership or permission of Honor Director.

### **ENGL 2114 - World Literature I Beginnings-15th Century**

Credit Hour(s): 3

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, Summer

Prerequisite(s): ENGL 1101 and ENGL 1102 or ENGL 1102H with a minimum grade of C.

### **ENGL 2114H - World Literature I Beginnings-15th Century (Honors)**

Credit Hour(s): 3

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 thought. The course also examines ancient and classical poetry from around the world. Fall

Prerequisite(s): ENGL 1101 and ENGL 1102 or ENGL 1102H with a minimum grade of C.

### **ENGL 2115 - World Literature II 15th-18th Century**

Credit Hour(s): 3

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, Summer

Prerequisite(s): ENGL 1101 and ENGL 1102 or ENGL 1102H with a minimum grade of C.

### **ENGL 2115H - World Literature II 15th-18th Century (Honors)**

Credit Hour(s): 3

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.

Prerequisite(s): Honors Program membership and ENGL 1102 or ENGL 1102H with a minimum grade of C and permission of Honors Director.

### **ENGL 2116 - World Literature III 19th Century-Present**

Credit Hour(s): 3

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, Summer

Prerequisite(s): ENGL 1101 and ENGL 1102 or ENGL 1102H with a minimum grade of C.

### **ENGL 2116H - World Literature III 19th Century-Present (Honors)**

Credit Hour(s): 3

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, Summer

Prerequisite(s): Honors Program membership and ENGL 1101 and ENGL 1102 or ENGL 1102H with a minimum grade of C.

### **ENGL 2121 - British Literature I**

Credit Hour(s): 3

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

Prerequisite(s): ENGL 1101 and ENGL 1102 with a minimum grade of C.

## **ENGL 2122 - British Literature II**

Credit Hour(s): 3

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

Prerequisite(s): ENGL 1101 and ENGL 1102 with a minimum grade of C.

## **ENGL 2131 - American Literature I**

Credit Hour(s): 3

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

Prerequisite(s): ENGL 1101 and ENGL 1102 with a minimum grade of C.

## **ENGL 2132 - American Literature II**

Credit Hour(s): 3

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

Prerequisite(s): ENGL 1101 and ENGL 1102 with a minimum grade of C.

## **ENGL 2401 - Introduction to Creative Writing**

Credit Hour(s): 3

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

Prerequisite(s): ENGL 1101 with a minimum grade of C.

## **ENGL 2402 - Writing Narrative Nonfiction**

Credit Hour(s): 3

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

Prerequisite(s): ENGL 1101 with a grade of "C" or higher.

### **ENGL 3010 - Technical Writing**

Credit Hour(s): 3

An introduction to the rhetoric, forms, and practices of the effective handling of technical information. The course will address forms including, but not limited to, abstracts, reports, proposals and grants, instructions, research-based writing, and oral presentations. As needed

Prerequisite(s): ENGL 1102 with a minimum grade of C.

### **ENGL 3020 - Advanced Composition**

Credit Hour(s): 3

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

Prerequisite(s): ENGL 1101 and ENGL 1102 with a minimum grade of C.

### **ENGL 3030 - Rhetoric**

Credit Hour(s): 3

In this course, students will be introduced to a range of frameworks useful for composing and interpreting texts, which can range from classical concerns such as logos, pathos, ethos, and kairos to contemporary concerns such as agency, signification, and textuality. Through readings and projects, students will analyze and experience ways texts may be produced by and function within communities, in various genres and media. The course will focus on intersections of theory and practice. As needed

Prerequisite(s): ENGL 1101 and ENGL 1102 with a minimum grade of C.

### **ENGL 3050 - Writing the Rural Life**

Credit Hour(s): 3

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**

Credit Hour(s): 3

A professional writing course covering the basics of visual rhetoric, rhetorical practice, layout, editing, and design of print and online media. As needed

Prerequisite(s): ENGL 1101 and ENGL 1102 with a minimum grade of C.

### **ENGL 3130 - The Publishing Process**

Credit Hour(s): 3

In this course, students will learn the fundamentals of preparing materials for publication. Students will also gain hands-on experience with every stage of the production process, from reviewing submissions to copyediting to layout and proofreading to marketing and promotion. This course will feature a balance between a lecture and workshop format. Spring

Prerequisite(s): ENGL 1101 and ENGL 1102 with a minimum grade of C.

### **ENGL 3300 - Literature of Rural America**

Credit Hour(s): 3

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**

Credit Hour(s): 3

This is a special topics 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**

Credit Hour(s): 3

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. 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

Prerequisite(s): COMM 1100 or COMM 1110 and ENGL 1102 with a minimum grade of C.

### **ENGL 4030 - Editing**

Credit Hour(s): 3

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 4040 - Writing in the Health Professions**

Credit Hour(s): 3

Designed both to improve students' writing skills as well as acquaint them with important genres, strategies, and styles of writing in medicine, nursing, physical therapy, athletic training, and other health professions. This course mixes workshop with lecture and discussion formats and allows students to work (in ethical ways) on writing required by science courses they are currently taking. As needed

Prerequisite(s): ENGL 1102 with a minimum grade of C or higher.

## **ENGL 4310 - Topics in Rural Literature**

Credit Hour(s): 3

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

Prerequisite(s): ENGL 1101 and ENGL 1102 with a minimum grade of C or higher.

## **ENGL 4760 - Survey of Southern Literature**

Credit Hour(s): 3

A survey of the major authors of southern literature within their historical and ideological context. As needed

## **ENGL 4890 - Special Topics in English**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **ENGL 4891 - Special Topics in English**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **ENGL 4892 - Special Topics in English**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Family and Consumer Sciences**

### **FACS 1103 - Introduction to Child Development**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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 - Introduction to Marriage and Family**

Cross-Listed With: SOCI 2293

Credit Hour(s): 3

An introduction to the structure, processes, problems and adjustments of contemporary marriage and family life.

### **FACS 4100 - Community Context of Individual and Family Well-Being**

Credit Hour(s): 3

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 - Special Topics in Family and Consumer Sciences**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **FACS 4891 - Special Topics in Family and Consumer Sciences**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **FACS 4892 - Special Topics in Family and Consumer Sciences**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Forest Resources**

### **FRSC 1135 - Nongame Wildlife**

Credit Hour(s): 2

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, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 1140 - Introduction to Forest Measurements**

Credit Hour(s): 3

An introduction to field measurements, orienteering, and mapping. Basic instruction will include techniques for measuring standing trees, log rules and scaling, and growth measurement. Mapping will include acreage determination, constructing cover maps of forest types, and map orientation and interpretation. Fall, Spring

Prerequisite(s): Completion of or exemption from English and Mathematics Learning Support requirements.

### **FRSC 1150 - Equipment Operation in Forest Resources**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 1192, FRSC 2100 and FRSC 2200 with a minimum grade of C and successful completion of 45 hours toward the BS-NRM degree.

### **FRSC 1155 - Computers in Forest Resources**

Credit Hour(s): 2

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 1160 - Forest Surveying**

Credit Hour(s): 3

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 1170 - Fundamentals of Dendrology**

Credit Hour(s): 3

An introduction to plant taxonomy and identification. Specific diagnostic features of major forest species will be discussed, with an emphasis on field identification. Fall, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 1190 - Natural Resource Conservation**

Credit Hour(s): 3

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, Spring

### **FRSC 1192 - Wildlife Ecology and Management I**

Credit Hour(s): 3

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, Spring

### **FRSC 2100 - Herbaceous Plant Communities**

Credit Hour(s): 3

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, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 2200 - Soils in Forest Resources**

Credit Hour(s): 3

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 2225 - Forest Measurements I**

Credit Hour(s): 2

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 2230 - Forest Ecology & Soils**

Credit Hour(s): 4

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements; and FRSC 1190 with a minimum grade of C.

### **FRSC 2235 - Forest Surveying & Mapping**

Credit Hour(s): 4

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 2240 - Forest Safety**

Credit Hour(s): 1

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, Summer

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 2243 - Geographic Information Systems**

Credit Hour(s): 4

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

Prerequisite(s): FRSC 2250 with a minimum grade of C.

### **FRSC 2250 - Forest Entomology and Pathology**

Credit Hour(s): 2

This course encompasses identification and control of important forest insects and diseases: fire behavior, weather, and suppression strategies will also be addressed. Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 2255 - Forest Measurements II**

Credit Hour(s): 5

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

Prerequisite(s): FRSC 2225 and FRSC 2235 with a minimum grade of C.

### **FRSC 2260 - Conservation Law Enforcement**

Credit Hour(s): 2

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

Prerequisite(s): FRSC 1192, FRSC 2100 and FRSC 2200 all with a minimum grade of C and successful completion of 45 hours towards the BS-NRM degree.

### **FRSC 2261 - Wildlife Ecology and Management II**

Credit Hour(s): 3

Classroom and field instruction in various wildlife management principles, including habitat management techniques, population ecology, and wildlife diseases. Summer

Prerequisite(s): FRSC 1192, FRSC 2100 and FRSC 2200 all with the minimum grade of C and successful completion of 45 hours towards the BS-NRM degree.

### **FRSC 2262 - Aquatic Resource Management**

Credit Hour(s): 3

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements; and FRSC 1140 and FRSC 1192.

### **FRSC 2263 - Wildlife Management Techniques**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 2261.

### **FRSC 2264 - Wildlife Seminar**

Credit Hour(s): 1

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

Prerequisite(s): FRSC 2261.

### **FRSC 2265 - Fundamentals of Silviculture**

Credit Hour(s): 4

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, Spring

Prerequisite(s): FRSC 1170 with a minimum grade of C.

### **FRSC 2266 - Aquatic Habitats**

Credit Hour(s): 2

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

Prerequisite(s): FRSC 1192, FRSC 2100 and FRSC 2200 all with a minimum grade of C and successful completion of 45 hours towards the BS-NRM degree.

### **FRSC 2270 - Principles of Supervision**



Credit Hour(s): 2

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, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **FRSC 2275 - Forest Industries**

Credit Hour(s): 2

A survey of forest industries, including tours of woodlands operations and manufacturing facilities. Summer

Prerequisite(s): FRSC 2243 and FRSC 2200 with a minimum grade of C and successful completion of 45 hours towards the BS-NRM degree.

### **FRSC 2280 - Forest Harvesting**

Credit Hour(s): 2

A study of timber harvesting techniques and equipment, including logging cost analysis. Summer

Prerequisite(s): FRSC 2243 and FRSC 2200 with a minimum grade of C and successful completion of 45 hours towards the BS-NRM degree.

### **FRSC 2285 - Forestry Seminar**

Credit Hour(s): 1

Current research, professional ethics, policy issues, and regional silviculture will be discussed. Summer

Prerequisite(s): FRSC 2243 and FRSC 2200 with a minimum grade of C and successful completion of 45 hours towards the BS-NRM degree.

### **FRSC 2290 - Fundamentals of Timber Management**

Credit Hour(s): 5

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 pre-merchantable timber stands, and forest investment analysis. Summer

Prerequisite(s): FRSC 2243 and FRSC 2255 with a minimum grade of C.

### **FRSC 3070 - Dendrology**

Credit Hour(s): 3

A comprehensive examination of plant taxonomy and identification. Specific diagnostic features of major eastern forest species will be discussed, with an emphasis on field identification of southeastern tree, shrub, and vine species. Fall,

Spring

Prerequisite(s): Completion of or exemption from English and Mathematics Learning Support requirements.

### **FRSC 3130 - Endangered Species Management**

Credit Hour(s): 2

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

Prerequisite(s): FRSC 2261 or FRSC 3290 with a minimum grade of C.

### **FRSC 3135 - Nongame Wildlife Conservation and Management**

Credit Hour(s): 2

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

Prerequisite(s): FRSC 1192, FRSC 3140 and FRSC 3265 with a minimum grade of C and successful completion of 45 hours towards the BS-NRM degree.

### **FRSC 3140 - Forest Measurements & Mapping**

Credit Hour(s): 3

An introduction to the methods of assessing information on forest resources and presenting relevant information in a map format. Instruction will include forest inventory techniques, measuring standing trees, log rules and scaling, and growth measurements. Mapping will include basic mapping techniques, acreage determination, constructing cover maps of forest types and wildlife habitat, and map orientation and interpretation. Fall, Spring

Prerequisite(s): completion of or exemption from English and Mathematics Learning Support requirements.

### **FRSC 3150 - Wildlife Management Principles**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 3290 with a minimum grade of C.

### **FRSC 3170 - Advanced Forest Ecology**

Credit Hour(s): 3

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, odd-numbered years

Prerequisite(s): FRSC 3290 with a minimum grade of C.

### **FRSC 3200 - Wildlife Damage Management**

Credit Hour(s): 3

Provides sociological, ecological, and economic justifications for controlling and preventing damage caused by problem wild and feral animal populations. Primary emphasis is on vertebrate species, especially mammals and birds. Course delivery includes interaction with federal and state agencies and private consultants. Spring, even-numbered years

Prerequisite(s): FRSC 2261 with a minimum grade of C.

### **FRSC 3243 - Geographic Information Systems**

Credit Hour(s): 4

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

Prerequisite(s): FRSC 2261 and FRSC 3140 with a minimum grade of C.

### **FRSC 3255 - Forest Mensuration**

Credit Hour(s): 5

Study and application of the procedures for determining timber stand volumes, including key concepts of tree/stand parameters as well as the fundamental concepts of sampling methods and statistics. Instruction will also include the use of a variety of manual and digital forest measuring equipment. Mapping of forest areas is accomplished using global positioning system (GPS) technology as well as traditional methods. Spring

Prerequisite(s): FRSC 3140 and FRSC 3070 with a minimum grade of C.

### **FRSC 3262 - Introduction to Fisheries**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 1192, FRSC 3265 and FRSC 3140 all with a minimum grade of C and successful completion of 45 hours towards the BS-NRM degree.

### **FRSC 3265 - Silviculture**

Credit Hour(s): 4

A thorough review of the concepts of silvicultural methods and systems that includes all phases of forest stand management, including forest nurseries, seed orchards, thinning systems, and harvest/regeneration systems. Effects of silvicultural methods on wildlife habitat will also be addressed. Fall, Spring

Prerequisite(s): FRSC 3070 with a minimum grade of C.

### **FRSC 3290 - Timber Management**

Credit Hour(s): 5

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 pre-merchantable timber stands, and forest investment analysis. Summer

Prerequisite(s): FRSC 2243, FRSC 3265 and FRSC 3255 with a minimum grade of C and successful completion of 45 hours towards the BS-NRM degree.

### **FRSC 3300 - Fire Ecology & Management**

Credit Hour(s): 4

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

Prerequisite(s): FRSC 3265 and either FRSC 2261 or FRSC 3290 with a minimum grade of C.

### **FRSC 3363 - Techniques in Wildlife Management**

Credit Hour(s): 4

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

Prerequisite(s): FRSC 2261 with a minimum grade of C.

### **FRSC 3400 - Techniques in Fisheries Management**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 2261 and FRSC 3262 with a minimum grade of C.

## **FRSC 3520 - Forest Hydrology & Wetlands Management**

Credit Hour(s): 4

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

Prerequisite(s): FRSC 2200 and either FRSC 2261 or FRSC 3290 with a minimum grade of C.

## **FRSC 3600 - Waterfowl Management**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 2261 with a minimum grade of C.

## **FRSC 3700 - Upland Game Bird Management**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 2261 with a minimum grade of C.

## **FRSC 3770 - Ornithology**

Cross-Listed With: BIOL 3770

Credit Hour(s): 3

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

Prerequisite(s): BIOL 1108/BIOL 1108L with a minimum grade of C.

## **FRSC 3880 - Herpetology**

Cross-Listed With: BIOL 3880

Credit Hour(s): 3

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

Prerequisite(s): BIOL 1108/BIOL 1108L with a minimum grade of C.

### **FRSC 4125 - Fiber Procurement**

Credit Hour(s): 2

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

Prerequisite(s): FRSC 3290 with a minimum grade of C.

### **FRSC 4150 - Wildlife Measurements**

Credit Hour(s): 4

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

Prerequisite(s): FRSC 3363 with a minimum grade of C.

### **FRSC 4250 - Forest Finance**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 3290 with a minimum grade of C.

### **FRSC 4265 - Advanced Silviculture**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 3290 and FRSC 3265 with a minimum grade of a C.

### **FRSC 4300 - Urban Forestry**

Credit Hour(s): 3

Introduction to principles and practices useful in the management of trees and forests in urban and suburban settings. Emphasis is placed on the development of comprehensive management strategies consistent with the biological, economic and social constraints of the urban environment. As needed

Prerequisite(s): FRSC 3265 and FRSC 3290 with a minimum grade of C.

### **FRSC 4350 - Forest Nursery and Seed Orchard Management**

Credit Hour(s): 3

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, odd-numbered years

Prerequisite(s): FRSC 3290 with a minimum grade of C.

### **FRSC 4370 - Natural Resources Recreation**

Credit Hour(s): 2

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

Prerequisite(s): FRSC 2261 or FRSC 3290 with a minimum grade of C.

### **FRSC 4400 - Forestry Herbicide and Vegetation Management**

Credit Hour(s): 3

This course is designed to provide students with the knowledge and practical use of herbicides in forestry and wildlife management. The course will also cover additional mechanical and biological control methods used for vegetation. Fall

Prerequisite(s): FRSC 3265 and either FRSC 2261 or FRSC 3290 with a minimum grade of C.

### **FRSC 4510 - Vertebrate Natural History**

Cross-Listed With: BIOL 4510

Credit Hour(s): 3

The life histories of vertebrate species are covered, with primary emphasis on the identification, ecology, behavior, taxonomy, and systematic of southeastern wildlife species. Spring

Prerequisite(s): BIOL 1108/BIOL 1108L.

### **FRSC 4590 - Forest Issues**

Credit Hour(s): 3

This course is designed to focus on several advanced topics and techniques that are currently beyond the scope of the required forestry curriculum. These include advanced parasite and pathogen biology, macroscopic wood function and morphology, advanced regeneration systems, and herbaceous plant communities. Current issues in forest management will also be addressed. Spring, even-numbered years

Prerequisite(s): FRSC 3290 with a minimum grade of C.

### **FRSC 4630 - Senior Project**

Credit Hour(s): 4

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

Prerequisite(s): FRSC 3300 and FRSC 3520.

### **FRSC 4790(A) - Forest Resources Internship**

Credit Hour(s): 3

Internships must be approved by the department head prior to enrollment. This course is designed to provide students majoring in the BS-NRM degree with professional experience and to help prepare students for a career in natural resources through experiential learning. As needed

Prerequisite(s): FRSC 2261 or FRSC 3290 with a minimum grade of C, minimum 2.0 overall GPA, and successful completion of 60 hours towards the BS-NRM degree.

### **FRSC 4890 - Special Topics in Forest Resources**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **FRSC 4891 - Special Topics in Forest Resources**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **FRSC 4892 - Special Topics in Forest Resources**



Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **FRSC 4910 - Natural Resources Policy & Law**

Credit Hour(s): 3

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

Prerequisite(s): FRSC 2261 or FRSC 3290 with a minimum grade of C.

## **Geography**

### **GEOG 1101 - Introduction to Human Geography**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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 - Special Topics in Geography**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **GEOG 4891 - Special Topics in Geography**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **GEOG 4892 - Special Topics in Geography**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Global Studies**

### **GLST 3700(A) - Global Experiential Learning**

Credit Hour(s): 3

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

Prerequisite(s): Prior approval required.

### **GLST 3700(B) - Global Experiential Learning**

Credit Hour(s): 3

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

Prerequisite(s): Prior approval required.

## **Gender Studies**

### **GNDR 1101 - Introduction to Gender Studies**

Credit Hour(s): 3

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

Prerequisite(s): Completion or exemption from English Learning Support requirements.

## **History**

### **HIST 1111 - World History I**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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, Summer

## **HIST 2111H - United States History I (Honors)**

Credit Hour(s): 3

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-numbered years

## **HIST 2112 - United States History II**

Credit Hour(s): 3

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, Summer

## **HIST 2112H - United States History II (Honors)**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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 - Multicultural America**

Credit Hour(s): 3

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 people of color 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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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

Prerequisite(s): HIST 2111 or HIST 2112 with a minimum grade of C.

### **HIST 3280 - Farms, Factories, and Food: A Global Perspective**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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 - Special Topics in History**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **HIST 4891 - Special Topics in History**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **HIST 4892 - Special Topics in History**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Honors**

### **HNRS 1102 - Honors Seminar**

Credit Hour(s): 1

Freshman level honors seminar built around the concepts of America, its mythic ideal and its multifaceted reality. Basic analysis of self within a larger community is explored in an interdisciplinary manner. Spring

## **Horticulture**

### **HORT 2201 - Principles of Plant Science**

Credit Hour(s): 3

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, Spring

### **HORT 2202 - Grounds Maintenance Equipment**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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, Spring

### **HORT 2208 - Experiential Learning in Turfgrass**

Credit Hour(s): 3

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, Spring

### **HORT 2215 - Landscape Design**

Credit Hour(s): 3

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**

Credit Hour(s): 3



On-job-training for students in the A.A.S. Golf & Sports Management track. Orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 30 overall earned credit hours.

### **HORT 2231 - Turfgrass Science and Technology**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

Discussions and laboratories addressing turfgrass and landscape irrigation systems including basic installation, repairs, and troubleshooting. Fall, Spring

### **HORT 2240 - Landscape Internship**

Credit Hour(s): 3

On-job-training for students in the A.A.S. Landscape Design and Grounds Management track. Orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 30 earned credit hours.

## **HORT 2241 - Grounds Management**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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, Spring

## **HORT 2271 - Herbaceous Ornamental Plant Identification**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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

Prerequisite(s): AGRY 2020 and AGRP 1125 with a minimum grade of C.

## **HORT 3230 - Insect and Nematode Management**

Credit Hour(s): 3

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

Prerequisite(s): HORT 2232 with a minimum grade of C.

## **HORT 3236 - Environmental Issues in Urban Agriculture**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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

Prerequisite(s): HORT 2232 with a minimum grade of C.

## **HORT 3310 - Best Management Practices in Turfgrass**

Credit Hour(s): 3

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

Prerequisite(s): HORT 2231 and HORT 2239 with a minimum grade of C.

## **HORT 3520 - Computations in Turfgrass Maintenance**

Credit Hour(s): 3

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

Prerequisite(s): HORT 2231 and MATH 1001 or higher (except MATH 2008) with a minimum grade of C.

## **HORT 4320 - Management of Fine Turf**

Credit Hour(s): 3

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

Prerequisite(s): HORT 2231 and HORT 2233 with a minimum grade of C.

## **HORT 4330 - Construction, Renovation and Grow-In**

Credit Hour(s): 3

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

Prerequisite(s): HORT 2231 and HORT 2233 with a minimum grade of C.

## **HORT 4600 - Experiential Learning in Turf**

Credit Hour(s): 3

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, Summer

Prerequisite(s): 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.

### **HORT 4610 - Turfgrass Resources**

Credit Hour(s): 3

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

Prerequisite(s): HORT 2233 with a minimum grade of C.

### **HORT 4790(A) - Environmental Horticulture Internship**

Credit Hour(s): 3

Experiential learning experience selected by students and approved by their academic advisor will form the basis of this course allowing students to demonstrate learned technical knowledge and experience related to Environmental Horticulture. Orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours.

### **HORT 4790(B) - Environmental Horticulture Internship**

Credit Hour(s): 3

Experiential learning experience selected by students and approved by their academic advisor will form the basis of this course allowing students to demonstrate learned technical knowledge and experience related to Environmental Horticulture. Orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours.

### **HORT 4790(C) - Environmental Horticulture Internship**

Credit Hour(s): 3

Experiential learning experience selected by students and approved by their academic advisor will form the basis of this course allowing students to demonstrate learned technical knowledge and experience related to Environmental Horticulture. Orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours.

### **HORT 4791 - Environmental Horticulture Internship**

Credit Hour(s): 6

Experiential learning experience selected by students and approved by their academic advisor will form the basis of this course. Students will apply problem solving skills, communication skills and disciplinary knowledge through full-time employment related to Environmental Horticulture. Orientation session must be completed prior to internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 overall earned credit hours.

### **HORT 4890 - Special Topics in Horticulture**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **HORT 4891 - Special Topics in Horticulture**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **HORT 4892 - Special Topics in Horticulture**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Health Science**

### **HSCI 3050 - Introduction to Healthcare Information Technology**

Credit Hour(s): 3

This course is designed to familiarize students with the structure of healthcare in the US and the information technology used in healthcare management. Spring, even-numbered years

### **HSCI 3070 - Issues in Rural Health**

Credit Hour(s): 3

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

### **HSCI 3100 - Introduction to Population Health**

Credit Hour(s): 3

This course is an introduction to population health which considers the distribution of determinants, interventions and policies that impact health outcomes across a broad population in the rural setting. Multiple perspectives in key areas, including the critical concepts of quality, patient safety, ethics and risk management of population health, are discussed. The financial and policy aspects of population health, informatics and advocacy are also examined. Fall, odd-numbered years

### **HSCI 4000 - Introduction to Epidemiology**

Credit Hour(s): 3

This course introduces students to key concepts and procedures used in the surveillance and investigation of common health states and events. The course prepares students to use epidemiological principles to identify determinants of health which forms the basis of effective interventions. Spring, odd-numbered years

### **HSCI 4050 - Healthcare Financing and Insurance**

Credit Hour(s): 3

This course is designed to offer students without a finance or insurance background the opportunity to learn and apply principles of financial management and insurance processing most important to operational managers in a variety of healthcare settings. Spring, odd-numbered years

### **HSCI 4890 - Special Topics in Community Health**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **HSCI 4891 - Special Topics in Community Health**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **HSCI 4892 - Special Topics in Community Health**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Humanities**

### **HUMN 1100 - Topics in the Humanities**

Credit Hour(s): 1

An exploration of issues and ideas related to the study and/or practice of the humanities in the contemporary world. Topics will vary. Fall, Spring

### **HUMN 1100H - Topics in the Humanities (Honors)**

Credit Hour(s): 1

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**

Credit Hour(s): 3

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, Summer

### **HUMN 2222 - Western World Humanities II**

Credit Hour(s): 3

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, Summer

### **HUMN 4200 - Indigenous World Cultures**

Credit Hour(s): 3

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 - Special Topics in Humanities**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **HUMN 4891 - Special Topics in Humanities**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **HUMN 4892 - Special Topics in Humanities**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Human Sciences**



## **HUSC 2114 - Wellness and Human Experiences**

Credit Hour(s): 3

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.

## **Integrated Science**

### **ISCI 2001 - Life and Earth Science for Elementary Teachers**

Credit Hour(s): 3

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, Summer, As needed

Prerequisite(s): PHSC 1011/PHSC 1011L and MATH 1001 or MATH 1111 with a minimum grade of C.

### **ISCI 2002 - Physical Science for Elementary Teachers**

Credit Hour(s): 3

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, Summer, As needed

Prerequisite(s): PHSC 1011/PHSC 1011L and MATH 1001 or MATH 1111 with a minimum grade of C.

## **Journalism**

### **JRNL 1101 - Introduction To Mass Media**

Credit Hour(s): 3

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, Spring

### **JRNL 2510 - News Writing and Reporting**

Credit Hour(s): 3

A study and practical application of basic news reporting, writing, editing, photojournalism, and design techniques for the print media. Fall

Corequisite(s): ENGL 1101 (or previous successful completion with a minimum grade of C).

### **JRNL 2610 - Introduction to Broadcasting**

Credit Hour(s): 3

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

Corequisite(s): ENGL 1101 (or previous successful completion with a minimum grade of C).

### **JRNL 3125 - Writing for the Contemporary Media**

Credit Hour(s): 3

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

### **JRNL 3610 - Advanced Broadcasting**

Credit Hour(s): 3

Course prepares students to produce high-quality video and audio suitable for professional distribution. Students will learn advanced videography, writing, audio, lighting, and production techniques, including on-air performance and special effects skills. Fall

Prerequisite(s): JRNL 2610 with a minimum grade of C, or permission of instructor upon presentation of demonstrated audio/visual skills.

## **Mathematics**

### **MATH 0987 - Foundations for Quantitative Reasoning**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 2

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

Corequisite(s): MATH 1001.

### **MATH 0999 - Support of College Algebra**

Credit Hour(s): 2

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

Corequisite(s): MATH 1111.

### **MATH 1001 - Quantitative Reasoning**

Credit Hour(s): 3

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 of 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

Prerequisite(s): Completion of or exemption from Foundations-level Learning Support Mathematics and exemption from or enrollment in the co-requisite Support-level Learning Support Mathematics.

### **MATH 1111 - College Algebra**

Credit Hour(s): 3

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, Summer

Prerequisite(s): Completion of or exemption from Foundations-level Learning Support Mathematics and exemption from or enrollment in the co-requisite Support-level Learning Support Mathematics.

## **MATH 1112 - Trigonometry**

Credit Hour(s): 3

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

Prerequisite(s): MATH 1111 with a minimum grade of C or exemption from MATH 1111.

## **MATH 1113 - Pre-Calculus Mathematics**

Credit Hour(s): 4

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, Spring

Prerequisite(s): 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.

## **MATH 2000 - Statistics**

Credit Hour(s): 3

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

Prerequisite(s): MATH 1001 or MATH 1111 with a minimum grade of C or exemption.

## **MATH 2008 - Foundations of Numbers and Operations**

Credit Hour(s): 3

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, Summer

Prerequisite(s): MATH 1001, MATH 1111, or MATH 1113 with a minimum grade of C.

## **MATH 2053 - Calculus I**

Credit Hour(s): 4

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

Prerequisite(s): MATH 1112 or MATH 1113 with a minimum grade of C, or score on placement test.

## **MATH 2054 - Calculus II**

Credit Hour(s): 4

Topics include further study of applications of derivative and integral, transcendental functions, polar coordinates, conic sections, infinite series. Fall, Spring

Prerequisite(s): MATH 2053 with a minimum grade of C.

## **MATH 2055 - Calculus III**

Credit Hour(s): 4

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

Prerequisite(s): MATH 2054 with a minimum grade of C.

## **MATH 2208 - Introduction to Linear Algebra**

Credit Hour(s): 3

Study of systems in linear equations, matrices, determinant, linear transformations, vector spaces, least squares, and eigenvectors and eigenvalues. Fall

Prerequisite(s): Exemption from or successful completion of MATH 2053 with a minimum grade of C.

## **MATH 2403 - Differential Equations**

Credit Hour(s): 4

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

Prerequisite(s): Exemption from or successful completion of MATH 2054 with a minimum grade of C.

## **Management**

### **MGMT 2600 - Principles of Management**

Credit Hour(s): 3

This course is an introduction to the theory and fundamental concepts of management. Emphasis is on the functions of

management, the decision-making process. Current trends and issues related to the management process will also be examined. Fall, Spring

Prerequisite(s): BUSA 1105 and MATH 1111 with a minimum grade of C.

### **MGMT 3610 - Operations Management**

Credit Hour(s): 3

This course provides students with concepts, techniques, and tools to design, analyze and improve operational capabilities of an organization. Key concepts include: process analysis and innovation, capacity analysis, inventory management, postponement, production control, supply chain design, coordination, and sustainability, operational risk, quality management, revenue management and pricing. Fall, Spring

Prerequisite(s): MGMT 2600 or AECO 1150 with a minimum grade of C.

### **MGMT 3650 - Business Logistics**

Credit Hour(s): 3

The general objective of the course will be for the student to develop a better understanding of the concepts and practices of logistics. More specifically the objectives of the course are to provide the student with a basic understanding of logistics and supply chain principles. An understanding of the global nature of logistics along with an understanding of logistics challenges and process implementation issues. Spring

### **MGMT 3670 - Human Resource Management**

Credit Hour(s): 3

This course looks at the recruitment, selection, development, utilization, and maintenance of human resources by organizations. Emphasis is on designing, planning, scheduling, executing, controlling, and assessing personnel. Fall, Spring

Prerequisite(s): ECON 2106 or AECO 2258 and MGMT 2600 or AECO 1150 with a minimum grade of C.

### **MGMT 4000 - Leadership and Ethics**

Credit Hour(s): 3

This course addresses the different leadership types, theories of leadership, and the effectiveness of each, in relation to decision-making. Case studies will be utilized to explore ethics and impacts of leadership behavior, also, the role of social and personal responsibility in a business setting will be explored. Fall

Prerequisite(s): MKTG 2175 or AECO 2260 and MGMT 2600 or AECO 1150 with a minimum grade of C.

### **MGMT 4190 - Strategic Management**

Credit Hour(s): 3

An integrative and interdisciplinary course concerned with managerial decisions and actions that affect the performance and survival of a business. The course focuses on the analysis, and information of organizational processes and skills,

and business judgement managers must use to devise strategies, position their businesses, define firm boundaries, and maximize long-term profits in the face of uncertainty and competition. Fall

Prerequisite(s): BUSA 3150, MKTG 3600 and MGMT 3610 with a minimum grade of C.

### **MGMT 4260 - Small Business Management**

Credit Hour(s): 3

A course focused on the unique challenge of managing and growing small and/or family businesses. Topics include financing the small business, the use of accounting as a management tool, work force management, legal constraints of interest to small businesses, the development of realistic marketing plans, and the effect of new technologies. Fall

Prerequisite(s): Completion of 72 hours towards the BS Business and Economic Development degree, BUSA 3200 or AECO 3430, MKTG 2175 or AECO 2260, and MGMT 2600 or AECO 1150 with a minimum grade of C.

### **MGMT 4760 - Supply Chain Management**

Credit Hour(s): 3

The general objectives of the course will be for the student to develop a better understanding of the concepts and practices of Supply Chain Management. More specifically the objectives of the course are to provide the student with a basic understanding of supply chain principles, an understanding of the global nature of supply chains, and an understanding of supply chain challenges and process implementation issues. Spring

Prerequisite(s): MGMT 3610 and MGMT 3650 with a minimum grade of C.

### **MGMT 4890 - Special Topics in Management**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **MGMT 4891 - Special Topics in Management**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **MGMT 4892 - Special Topics in Management**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Marketing**

### **MKTG 2175 - Principles of Marketing**

Credit Hour(s): 3

Introduction to the marketing mix functions and process, and the environmental factors which influence consumer and organizational decision-making processes. Special attention to problems encountered in managing the Marketing Mix. Fall, Spring

Prerequisite(s): MATH 1111 with a minimum grade of C.

### **MKTG 3340 - Consumer Behavior**

Credit Hour(s): 3

This is a study of the consumer decision-making process and the factors influencing it. Psychological, sociological, economic, and cultural anthropological factors are examined. Their impact on marketing Formulation, both domestic and international is emphasized. This course will review market research methods of gathering primary and secondary consumer behavior information. Fall

Prerequisite(s): ECON 2106 and MKTG 2175 with a minimum grade of C.

### **MKTG 3600 - Marketing Management**

Credit Hour(s): 3

This course is specifically designed for those students who are about to begin a marketing related career. This comprehensive course will help students develop the skills required to address real-world marketing problems. Students will be asked to read case studies, identify problems, communicate potential solutions, and critique solutions provided by their peers. Spring

Prerequisite(s): MKTG 2175 or AECO 2260 with a minimum grade of C.

### **MKTG 4100 - Social Media**

Credit Hour(s): 3

This course surveys the use of social media tools and technology for marketing purposes. It investigates the relevance



and importance of these tools to new and emerging marketing processes. Students will develop a social media plan for a selected business. Spring, Fall

Prerequisite(s): MKTG 2175 or AECO 2260 with a minimum grade of C.

### **MKTG 4300 - Selling and Negotiating**

Credit Hour(s): 3

The course enables students to develop skills and strategies for selling and negotiation. Includes the psychology of selling and negotiations, product information and presentation, determination of customer needs, and customer analysis. Spring

Prerequisite(s): Completion of 72 hours towards the BS Business and Economic Development degree and MKTG 3600 with a minimum grade of C.

### **MKTG 4890 - Special Topics in Marketing**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **MKTG 4891 - Special Topics in Marketing**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **MKTG 4892 - Special Topics in Marketing**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Music**

### **MUSC 1001(A) - Secondary Piano (For Non-Keyboard Music Majors) I**

Credit Hour(s): 1

Basic, progressive proficiency in keyboard instruments. This course is a co-requisite for MUSC 1134, MUSC 1135, MUSC 2234, MUSC 2235 (i.e., must be taken concurrently). Students exit each section by satisfying proficiency barrier. Music Majors Only. Fall, Spring

### **MUSC 1001(B) - Secondary Piano (For Non-Keyboard Music Majors) II**

Credit Hour(s): 1

Basic, progressive proficiency in keyboard instruments. This course is a co-requisite for MUSC 1134, MUSC 1135, MUSC 2234, MUSC 2235 (i.e., must be taken concurrently). Students exit each section by satisfying proficiency barrier. Music Majors Only. Fall, Spring

### **MUSC 1001(C) - Secondary Piano (For Non-Keyboard Music Majors) III**

Credit Hour(s): 1

Basic, progressive proficiency in keyboard instruments. This course is a co-requisite for MUSC 1134, MUSC 1135, MUSC 2234, MUSC 2235 (i.e., must be taken concurrently). Students exit each section by satisfying proficiency barrier. Music Majors Only. Fall, Spring

### **MUSC 1001(D) - Secondary Piano (For Non-Keyboard Music Majors) IV**

Credit Hour(s): 1

Basic, progressive proficiency in keyboard instruments. This course is a co-requisite for MUSC 1134, MUSC 1135, MUSC 2234, MUSC 2235 (i.e., must be taken concurrently). Students exit each section by satisfying proficiency barrier. Music Majors Only. Fall, Spring

### **MUSC 1005 - Music Concert Attendance**

Credit Hour(s): 0

This course will be repeated each term with students signing a contract acknowledging the lists of concerts offered at ABAC each semester. A grade of S/U will be designated on students' transcripts to meet the institution of transfer's requirement for concert attendance. This is a necessary requirement for all music students and especially those seeking a four-year music degree at a school with accreditation from the National Association of Schools of Music (NASM).  
Fall, Spring

Prerequisite(s): must be a music student in good academic standing.

### **MUSC 1100 - Music Appreciation**

Credit Hour(s): 3

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, Summer

### **MUSC 1134 - Music Theory I**

Credit Hour(s): 3

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. Music Majors Only. Fall

Corequisite(s): MUSC 1001(A).

### **MUSC 1134L - Aural and Sight-Singing Lab I**

Credit Hour(s): 1

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**

Credit Hour(s): 3

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

Prerequisite(s): MUSC 1134 with a minimum grade of C.

Corequisite(s): MUSC 1001(A).

### **MUSC 1135L - Aural and Sight-Singing Lab II**

Credit Hour(s): 1

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

Prerequisite(s): MUSC 1134L with a minimum grade of C.

### **MUSC 1181(A) - Applied Music**

Credit Hour(s): 1

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 1181(B) - Applied Music**

Credit Hour(s): 1

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) - Applied Music**

Credit Hour(s): 2

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, Spring

### **MUSC 1182(B) - Applied Music**

Credit Hour(s): 2

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, Spring

### **MUSC 2080 - Concert Band**

Credit Hour(s): 1

Open to students who have been a member of a junior or senior high school band. Subject to instructor approval. Fall, Spring

### **MUSC 2090 - Concert Choir**

Credit Hour(s): 1

Open to students who have been a member of a school or church choir. Subject to instructor approval. Fall, Spring

### **MUSC 2234 - Music Theory III**

Credit Hour(s): 3

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

Prerequisite(s): MUSC 1135 with a minimum grade of C.

Corequisite(s): MUSC 1001(A).

### **MUSC 2234L - Aural and Sight-Singing Lab III**

Credit Hour(s): 1

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

Prerequisite(s): MUSC 1135L with a minimum grade of C.

### **MUSC 2235 - Music Theory IV**

Credit Hour(s): 3

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

Prerequisite(s): MUSC 2234 with a minimum grade of C.

Corequisite(s): MUSC 1001(A).

### **MUSC 2235L - Aural and Sight-Singing Lab IV**

Credit Hour(s): 1

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

Prerequisite(s): MUSC 2234L with a minimum grade of C.

### **MUSC 2281(A) - Applied Music**

Credit Hour(s): 1

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, Spring

### **MUSC 2281(B) - Applied Music**

Credit Hour(s): 1

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, Spring

### **MUSC 2281(C) - Applied Music**

Credit Hour(s): 1

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, Spring

### **MUSC 2281(D) - Applied Music**

Credit Hour(s): 1

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, Spring

### **MUSC 2281(E) - Applied Music**

Credit Hour(s): 1

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, Spring

### **MUSC 2281(F) - Applied Music**

Credit Hour(s): 1

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, Spring

### **MUSC 2282(A) - Applied Music**

Credit Hour(s): 2

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, Spring

### **MUSC 2282(B) - Applied Music**

Credit Hour(s): 2

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, Spring

### **MUSC 2282(C) - Applied Music**

Credit Hour(s): 2

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, Spring

### **MUSC 2282(D) - Applied Music**

Credit Hour(s): 2

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, Spring

### **MUSC 2282(E) - Applied Music**

Credit Hour(s): 2

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, Spring

### **MUSC 2282(F) - Applied Music**

Credit Hour(s): 2

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, Spring

### **MUSC 2287 - Jazz Choir**

Credit Hour(s): 1

Open to students who are a member of the chorus and who qualify. Fall, Spring

### **MUSC 2290 - Jazz Ensemble**

Credit Hour(s): 1

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, Spring

### **MUSC 2291 - Small Group Ensemble**

Credit Hour(s): 1

Open to students who sing or suitably play a musical instrument. Audition Required. Fall, Spring

### **MUSC 2292 - Jazz Combo**

Credit Hour(s): 1

Open to any student who can sing or suitably play a musical instrument. Audition Required. Fall, Spring

### **MUSC 4300 - American Popular Music: A Multicultural Study**

Credit Hour(s): 3

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 - Special Topics in Music**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **MUSC 4891 - Special Topics in Music**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **MUSC 4892 - Special Topics in Music**

Credit Hour(s): 3

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



Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Nursing**

### **NURS 1108 - Nursing I-Fundamentals**

Credit Hour(s): 6

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, Spring

Corequisite(s): NURS 1109.

### **NURS 1109 - Nursing II-Health & Physical Assessment**

Credit Hour(s): 3

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, Spring

Corequisite(s): NURS 1108.

### **NURS 1109B - Nursing I-Health & Physical Assessment**

Credit Hour(s): 3

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, Summer

Corequisite(s): NURS 1115B.

### **NURS 1110 - Nursing III-Medical/Surgical One**

Credit Hour(s): 6

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, Spring

Prerequisite(s): NURS 1108 & NURS 1109 with a minimum grade of C.

### **NURS 1115B - Nursing II-Transition to Associate Degree Nursing**

Credit Hour(s): 3

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 of Science in Nursing program. The clinical and skills lab experience builds on prior healthcare experience. Lecture/Lab/Clinical (3-1-2). Spring, Summer

Corequisite(s): NURS 1109B.

### **NURS 2207 - Nursing IV-Medical/Surgical Two**

Credit Hour(s): 6

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, Spring

Prerequisite(s): NURS 1110 and BIOL 2050/BIOL 2050L with a minimum grade of C.

Corequisite(s): NURS 2208.

### **NURS 2207B - Nursing III-Medical/Surgical Two**

Credit Hour(s): 6

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. Lecture/Lab (4-0-6). Fall, Summer

Prerequisite(s): NURS 1109B, NURS 1115B, and BIOL 2050/BIOL 2050L with a minimum grade of C in each.

Corequisite(s): NURS 2208B.

### **NURS 2208 - Nursing V-Maternal-Child & Women's Health**

Credit Hour(s): 4

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, Spring

Prerequisite(s): NURS 1110, and BIOL 2050/BIOL 2050L with a minimum grade of C.

Corequisite(s): NURS 2207.

### **NURS 2208B - Nursing IV-Maternal-Child & Women's Health**

Credit Hour(s): 4

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, Summer

Prerequisite(s): NURS 1109B, NURS 1115B, and BIOL 2050/BIOL 2050L with a minimum grade of C in each.  
Corequisite(s): NURS 2207B.

### **NURS 2209 - Nursing VI-Pediatrics**

Credit Hour(s): 4

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, Spring

Prerequisite(s): NURS 2207 & NURS 2208 with a minimum grade of C.  
Corequisite(s): NURS 2210.

### **NURS 2209B - Nursing V- Pediatrics**

Credit Hour(s): 4

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, Spring

Prerequisite(s): NURS 2207B & NURS 2208B with a minimum grade of C.  
Corequisite(s): NURS 2210B.

### **NURS 2210 - Nursing VII-Medical/Surgical Three**

Credit Hour(s): 6

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, Spring

Prerequisite(s): NURS 2207 & NURS 2208 with a minimum grade of C.  
Corequisite(s): NURS 2209.

### **NURS 2210B - Nursing VI-Medical/Surgical Three**

Credit Hour(s): 6

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. Lecture/Clinical (4-0-6). Fall, Spring

Prerequisite(s): NURS 2207B & NURS 2208B with a minimum grade of C.  
Corequisite(s): NURS 2209B.

## **NURS 3000 - Concepts and Perspectives of Professional Nursing Practice**

Credit Hour(s): 4

This course focuses on the foundations of and socialization to the role of professional nursing practice. The content fosters matriculation of the associate degree nurse into the areas of leadership, research, evidence-based practice, theoretical foundations of nursing, healthcare policy, and global diversity. Summer

Prerequisite(s): admission into the RN to BSN Completion program.

## **NURS 3050 - Advanced Health Assessment**

Credit Hour(s): 3

This course is a study of the advanced knowledge and skills necessary to perform a thorough health assessment of individuals across the lifespan. This holistic focus will include consideration of cultural, spiritual, nutritional, and functional implications of health. The use of alternative and complementary therapies in the role of health promotion will be included. Summer

Prerequisite(s): admission into the RN to BSN Completion program.

## **NURS 4000 - Leadership and Information Management in Nursing**

Credit Hour(s): 5

This course provides an overview of concepts of professional leadership and management and their use in the practice setting. Inter-professional collaboration and communication will be incorporated to demonstrate quality improvement. Emphasis is placed on utilization of healthcare informatics in the practice of nursing and the delivery of health care within organizations. The clinical learning experience will focus on the nurse in the role of leader, manager, colleague, and collaborator of change. Fall

Prerequisite(s): admission into the RN to BSN Completion program.

## **NURS 4050 - Foundations of Nursing Research**

Credit Hour(s): 3

This is an introductory course for nursing research in which students will be introduced to key concepts of evidence-based nursing practice. An overview of research designs, nursing theory, ethics, methods, and data analysis will be discussed. The course will include opportunities to explore knowledge and skills related to the critique and application of published research to clinical practice problems. Summer

Prerequisite(s): admission into the RN to BSN Completion program.

## **NURS 4100 - Community Nursing and Rural Health**

Credit Hour(s): 5

This course incorporates nursing and public health concepts with a focus on the rural community. Emphasis will be placed on health promotion, levels of prevention, principles of epidemiology, population-focused practice, culture, vulnerable populations, and community crisis. The rural healthcare system and problems of access to healthcare

services unique to the rural community will be explored. The role of collaborative community partnerships to improve health will be included. Summer

Prerequisite(s): admission into the RN to BSN Completion program.

### **NURS 4300 - Aging Populations**

Credit Hour(s): 3

This course focuses on the application of the nursing process to aggregates and populations in the aging community and is based on a synthesis of knowledge in nursing, public health, and related disciplines. Assessment of the strengths, weaknesses, and health issues of the aging population will be used to plan, implement, and evaluate health promotion. Clinical learning experiences are designed to develop skill in application of the nursing process in promoting the health of communities by addressing priority health problems. The role of the nurse as health promoter, teacher, political advocate, research consumer, and care provider will be emphasized. Summer

Prerequisite(s): admission into the RN to BSN Completion program.

### **NURS 4350 - Professional Role Immersion**

Credit Hour(s): 7

This course allows the student to integrate and apply the professional roles of the nurse to a selected nursing area of interest. The clinical learning experience immerses the student in a selected nursing practice area. Didactic study examines the roles of the professional nurse in our current and future global society. Professional nursing in a changing healthcare delivery system will be integrated. Assignments and clinical experience provide the opportunity to strengthen critical and reflective thinking skills through the development of a philosophy of nursing, ethical statement, and application of evidence based practice to a quality improvement project within the scope of generalist nursing practice. Summer

Prerequisite(s): admission into the RN to BSN Completion program.

### **PNUR 1104 - Pharmacology for Health Professions**

Credit Hour(s): 2

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, Summer

### **PNUR 1911 - Concepts Enrichment**

Credit Hour(s): 2

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, Spring

Prerequisite(s): NURS 1108 and NURS 1109 with a minimum grade of C.

## **PNUR 1912 - Comprehensive Concept Enrichment Independent Study**

Credit Hour(s): 4

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, Summer

Prerequisite(s): NURS 2209/NURS 2209B, NURS 2210/NURS 2210B with a minimum grade of C.

Corequisite(s): SCIE 1003 strongly encouraged.

## **Public Administration**

### **PADM 3500 - Introduction to Public Administration**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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 Theory**

Credit Hour(s): 3

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

## **Physical Education**

### **PHED 1000 - Adaptive Physical Education I**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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**

Credit Hour(s): 2

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**

Credit Hour(s): 1

A beginning course designed to teach the fundamentals of tennis. Rules and strategy will be emphasized. Students are required to furnish their own tennis rackets.

### **PHED 1106 - Volleyball**

Credit Hour(s): 1

Designed to teach the basic skills, strategy and rules. Skills include the different volleys, serving, spiking and blocking.

### **PHED 1115 - Aerobics**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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.

Prerequisite(s): PHED 1121 with a minimum grade of C.

### **PHED 1123 - Fitness for Life Weight Training**

Credit Hour(s): 1

A course designed for students interested in improving strength, power, and physical fitness using free weights and weight machines.

### **PHED 1124 - Fitness for Life Jogging**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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**



Credit Hour(s): 1

A water aerobics class which enhances fitness levels through jogging, calisthenics, and resistance training.

### **PHED 1135 - Recreational Games**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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**

Credit Hour(s): 1

Intermediate Golf. A course designed to help students apply the basic skills learned in PHED 1141 for successful scoring and employment 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.

Prerequisite(s): PHED 1141 with a minimum grade of B or a 15 or less handicap.

### **PHED 1140 - Badminton**

Credit Hour(s): 1

A beginning course designed to teach the fundamentals of badminton. Rules and strategy will be emphasized. Students are required to furnish their own badminton rackets.

### **PHED 1141 - Golf I**

Credit Hour(s): 1

A course which covers 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**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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**

Credit Hour(s): 1

Classes cover terminology and movements used in various line dances.

Prerequisite(s): PHED 1150 - Country/Western Line Dance I with a minimum grade of C.

## **PHED 1155 - Soccer**

Credit Hour(s): 1

Designed to provide students with a working knowledge of soccer through physical conditioning, skill development, and the development of competitive strategies.

## **PHED 1160 - Bowling**

Credit Hour(s): 1

A course designed for students interested in developing the 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**

Credit Hour(s): 1

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**

Credit Hour(s): 2

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**

Credit Hour(s): 2

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 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**

Credit Hour(s): 1

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**

Credit Hour(s): 1

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.

## **Physical Science**

### **PHSC 1011 - Physical Science I**

Credit Hour(s): 3

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, Summer, As needed

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements and MATH 1001 or MATH 1111 with a minimum grade of C or exemption.

Corequisite(s): PHSC 1011L.

### **PHSC 1011L - Physical Science I Laboratory**

Credit Hour(s): 1

Fall, Spring, Summer, As needed

### **PHSC 1012 - Physical Science II**

Credit Hour(s): 3

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, Summer, As needed

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.  
Corequisite(s): MATH 1001 or MATH 1111; PHSC 1012L.

### **PHSC 1012L - Physical Science II Laboratory**

Credit Hour(s): 1

Spring, Summer, As needed

## **Physics**

### **PHYS 1111 - Introductory Physics I**

Credit Hour(s): 3

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, Spring, As needed

Prerequisite(s): MATH 1112 or MATH 1113 with a minimum grade of C.  
Corequisite(s): PHYS 1111L.

### **PHYS 1111L - Introductory Physics I Laboratory**

Credit Hour(s): 1

Fall, Spring, As needed

### **PHYS 1112 - Introductory Physics II**

Credit Hour(s): 3

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

Prerequisite(s): PHYS 1111/PHYS 1111L with a minimum grade of C.  
Corequisite(s): PHYS 1112L.

### **PHYS 1112L - Introductory Physics II Laboratory**

Credit Hour(s): 1

Spring

### **PHYS 2211 - Principles of Physics I**

Credit Hour(s): 3

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

Prerequisite(s): MATH 2053 with a minimum grade of C.

Corequisite(s): PHYS 2211L.

### **PHYS 2211L - Principles of Physics I Laboratory**

Credit Hour(s): 1

Fall

### **PHYS 2212 - Principles of Physics II**

Credit Hour(s): 3

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

Prerequisite(s): PHYS 2211 and PHYS 2211L with a minimum grade of C.

Corequisite(s): PHYS 2212L.

### **PHYS 2212L - Principles of Physics II Laboratory**

Credit Hour(s): 1

Spring

## **Political Science**

### **POLS 1101 - American Government**

Credit Hour(s): 3

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, Summer

### **POLS 1101H - American Government (Honors)**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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, Spring

### **POLS 2201 - State and Local Government**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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

Prerequisite(s): POLS 1101 with a minimum grade of C.

### **POLS 2401 - Global Issues**

Credit Hour(s): 3

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, Spring

### **POLS 3050 - Rural Political Development in America (RPD)**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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, behaviorism, 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 - Special Topics in Political Science**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **POLS 4891 - Special Topics in Political Science**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **POLS 4892 - Special Topics in Political Science**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Psychology**

### **PSYC 1101 - Introduction to General Psychology**

Credit Hour(s): 3

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**



Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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.

Prerequisite(s): PSYC 1101 with a minimum grade of C.

### **PSYC 3000 - Psychology in the Rural Community**

Credit Hour(s): 3

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 in the Workplace**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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 - Special Topics in Psychology**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **PSYC 4891 - Special Topics in Psychology**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **PSYC 4892 - Special Topics in Psychology**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Religion**

### **RELG 1100 - Introduction to World Religions**

Credit Hour(s): 3

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, Spring

### **RELG 3000 - Religion in Rural America**

Credit Hour(s): 3

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 - Special Topics in Religion**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **RELG 4891 - Special Topics in Religion**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **RELG 4892 - Special Topics in Religion**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Rural Studies**

### **RLST 3000 - Introduction to Rural Studies**

Credit Hour(s): 3

This course is an introduction to the essential ideologies and provides 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, Spring

### **RLST 3050 - Practical Applications in Community Organizations**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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 4020 - Proposal and Grant Writing**

Credit Hour(s): 3

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) - Rural Studies Internship**

Credit Hour(s): 3

This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of concentration. 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. Students in a 3-credit hour internship are expected to work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 earned credit hours.

### **RLST 4790(B) - Rural Studies Internship**

Credit Hour(s): 3

This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of concentration. 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. Students in a 3-credit hour internship are expected to work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 earned credit hours.

### **RLST 4790(C) - Rural Studies Internship**

Credit Hour(s): 3

This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of concentration. 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. Students in a 3-credit hour internship are expected to work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 earned credit hours.

### **RLST 4791 - Rural Studies Internship**

Credit Hour(s): 6

This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of concentration. 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. Students in a 6-credit hour internship are expected to work with moderate (less than in a 3-credit hour internship) and complete work that is project-based. Students must work a minimum of 270 hours on the internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 earned credit hours.

### **RLST 4792 - Rural Studies Internship**

Credit Hour(s): 9

This course is designed to offer students an opportunity to gain practical work experience in a field related to their selected area of concentration. 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. Students in a 9-credit hour internship are expected to work with minimal supervision, complete complex project-based work, and study the site to propose a solution to a perceived problem. Students must work a minimum of 405 hours on the internship. Fall, Spring, Summer

Prerequisite(s): A minimum 2.0 overall grade point average and a minimum 60 earned credit hours.

### **RLST 4890 - Special Topics in Rural Studies**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school.

### **RLST 4891 - Special Topics in Rural Studies**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school.

### **RLST 4892 - Special Topics in Rural Studies**

Credit Hour(s): 3

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

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school.

### **RLST 4980 - Capstone Seminar: Senior Project**

Credit Hour(s): 3

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, Spring

## **RLST 4990 - Capstone Seminar**

Credit Hour(s): 3

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

## **Science**

### **SCIE 1000 - Addressing Environmental Issues**

Credit Hour(s): 1

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, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **SCIE 1003 - Medical Terminology**

Credit Hour(s): 1

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, Spring

### **SCIE 1005 - Environmental Science**

Credit Hour(s): 3

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, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

### **SCIE 1005L - Environmental Science Laboratory**

Credit Hour(s): 1

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, Spring

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

Corequisite(s): SCIE 1005.

### **SCIE 1006 - Marine Science**

Credit Hour(s): 3

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

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.; A minimum grade of C in PHSC 1011/PHSC 1011L, PHSC 1012/PHSC 1012L, or BIOL 1107/BIOL 1107L.

### **SCIE 1007 - Introductory Geology**

Credit Hour(s): 3

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. A minimum grade of C in PHSC 1011/PHSC 1011L or PHSC 1012/PHSC 1012L. Spring, As needed

Prerequisite(s): Completion or exemption from English and Mathematics Learning Support requirements.

## **Sociology**

### **SOCI 1101 - Introduction to Sociology**

Credit Hour(s): 3

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.

Prerequisite(s): Completion or exemption from English Learning Support requirements.

### **SOCI 1160 - Introduction to Social Problems**

Credit Hour(s): 3

A theoretical and empirical analysis of selected major social problems confronting American society.

### **SOCI 2293 - Introduction to Marriage And Family**

Cross-Listed With: FACS 2293

Credit Hour(s): 3

An introduction to the structure, processes, problems and adjustments of contemporary marriage and family life.

### **SOCI 2500 - Class, Race and Gender Stratification**



Credit Hour(s): 3

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.

Prerequisite(s): SOCI 1101 or SOCI 1160 with a minimum grade of C.

### **SOCI 3000 - Rural Sociology**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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 - Special Topics in Sociology**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **SOCI 4891 - Special Topics in Sociology**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

### **SOCI 4892 - Special Topics in Sociology**

Credit Hour(s): 3

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.

Prerequisite(s): Reserved for upperclassman and permission of the dean of the school appropriate to the degree concentration.

## **Social Science**

### **SOSC 1100 - Values, Issues, & Perspectives in Social Sciences**

Credit Hour(s): 1

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.

## **Spanish**

### **SPAN 1001 - Elementary Spanish I**

Credit Hour(s): 3

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, Summer

### **SPAN 1002 - Elementary Spanish II**

Credit Hour(s): 3

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, Summer

### **SPAN 1110 - Spanish for the Agricultural Industry**

Credit Hour(s): 3

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**

Credit Hour(s): 3

A continuation of SPAN 1001 and SPAN 1002. Spring

Prerequisite(s): SPAN 1002 with a minimum grade of C.

### **SPAN 2002 - Intermediate Spanish II**

Credit Hour(s): 3

A continuation of SPAN 1001, SPAN 1002, and SPAN 2001. Spring

Prerequisite(s): SPAN 2001 with a minimum grade of C.

## **Special Education**

### **SPED 3000 - Teaching Students with Special Needs**

Credit Hour(s): 3

This course is designed to provide research and procedural knowledge for teaching students with special needs. The topics include the legal basis and requirements of IDEA, Individuals with Disabilities in Education Act; the causes and characteristics of identified exceptionalities; procedures for co-teaching, supporting and accommodating students with disabilities; and how the Individualized Education Plan process works. As needed

## **Theatre**

### **THEA 1100 - Theatre Appreciation**

Credit Hour(s): 3

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, Spring

### **THEA 1101 - Theatre Workshop**

Credit Hour(s): 1

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, Spring

## **THEA 1102 - Fundamentals of Acting**

Credit Hour(s): 3

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-numbered years

## **THEA 1103 - Stagecraft**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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**

Credit Hour(s): 3

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

# **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.

# Board of Regents of the University System of Georgia

*270 Washington Street, Southwest  
Atlanta, Georgia 30334*

## Members of the Board (July, 2017)

C. Thomas Hopkins, Jr., MD  
James M. Hull  
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Samuel C. Burch  
Shelly C. Nickel

Chancellor  
Secretary to the Board  
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# Abraham Baldwin Agricultural College

## Officers of Administration

David C. Bridges  
Jerry Baker  
Paul Willis  
Robert Gerhart  
Paul Williams

President  
Provost and Vice President for Academic Affairs  
Vice President for Finance and Operations  
Vice President of Technology/Chief Information Officer  
Interim Vice President for External Affairs

## Deans of Schools

Darby Sewell, Acting  
Johnny L. Evans, Jr.  
William Troy Spicer, Jr.  
Renata Elad

Agriculture and Natural Resources  
Arts and Sciences  
Nursing and Health Sciences  
Stafford School of Business

## Faculty

**APRIL ABBOTT**, Lecturer in Mathematics. M.Ed. (Mathematics), Valdosta State University; B.S. (Mathematics), Georgia College & State University; A.S., Abraham Baldwin Agricultural College. 2014

**MATTHEW ADERHOLT**, Biology Lab Instructor. M.S. (Integrative Biology) and B.S. (Biology), Kennesaw State University. 2017

**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.A. (Interdisciplinary Studies-), 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 of Animal Science and Provost & Vice President for Academic Affairs. Ph.D. 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., Abraham Baldwin Agricultural College. 2005

**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

**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.Ed. and B.S.Ed. (Business Education), Valdosta State University; A.S., Abraham Baldwin Agricultural College. 1998

**CASEY S. BRASHER**, Assistant Professor of Economics. Ph.D. and 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. and B. S. (Agronomy), Auburn University; A.S., Abraham Baldwin Agricultural College. 2006

**ADAM BRUMFIELD**, Lecturer in Communication. M.A. and B.A. (Communication), Valdosta State University. 2013

**DONNA C. CAMPBELL**, Associate Professor of Health and Physical Education. M.Ed. and B.S. (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, Greensboro; B.A. (English), University of Tampa; A.A., 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

**J. MATTHEW CARROLL**, Assistant Professor of Wildlife Ecology & Management. Ph.D. (Natural Resource Ecology & Management), Oklahoma State University; M.S. (Biology), University of Arkansas; B.S. (Biology), Mansfield University, Pennsylvania. 2017

**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**, Associate 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

**KATHERYN L. CERNY**, Assistant Professor of Animal Science. Ph.D. (Animal and Food Sciences) and M.S. (Veterinary Science), University of Kentucky; B.S. (Animal Science), California Polytechnic State University, San Luis Obispo. 2017

**COREY R. CLARK**, Assistant Professor of Agricultural Economics and Agribusiness. Ph.D. (Applied Economics), University of Minnesota; M.S. (Agricultural Economics) and B.S. (Animal Science), Michigan State University. 2017

**JORDAN R. COFER**, Associate Professor of English and Assistant Vice President for Academic Affairs, Learning Resources. Ph.D. (English), Texas Tech University; M.A. (English), Virginia Polytechnic Institute and State University; B.A. (English), Southwest Baptist University. 2009

**JARROD HEATH CROFT**, Lecturer in English and Communication. M.A. (English) and M.A. (Communication), Valdosta State University; B.A. (English Literature and Print Journalism), Georgia State University. 2016

**ROBIN CRUMLEY**, Assistant Professor of Nursing. M.S.N. and B.S.N. (Nursing), Valdosta State University; A.S.N. (Nursing), Abraham Baldwin Agricultural College. 2010

**RYAN P. CURRIE**, Assistant Professor of Management. Ph.D. (Managerial Sciences), Georgia State University; M.B.A. (Business Administration), Troy University; J.D. (Law), University of Georgia; B.A. (History and Economics), Emory University. 2017

**KENNON S. DEAL**, Assistant Professor of Chemistry. Ph. D. (Chemistry), Auburn University; B.S. (Chemistry), Georgia Southern University. 2015

**TAMARA DENNIS**, Professor of Nursing and Department Head, Nursing. Ph.D. (Nursing), Georgia State University; M.S.N. and B.S.N. (Nursing), Valdosta State University; A.S.N. (Nursing), Abraham Baldwin Agricultural College. 2002

**CHRISTINA DENT**, Assistant Professor of Nursing. M.S.N. and B.S.N. (Nursing), Valdosta State University; A.S.N. (Nursing), Abraham Baldwin Agricultural College. 2010

**JOSEPH S. DEVANEY**, Assistant Professor of Political Science. Ph.D. and M.A. (Politics), and J.D. (Law) The Catholic University of America; B.S. (Political Science), University of Scranton. 2016

**GARY D. DICKS**, Assistant Professor of Mathematics. M.Ed. (Mathematics Education), Albany State College; B.S. (Mathematics), Auburn University. 1997

**DEBORAH DRUMMONDS**, Assistant Professor of Nursing. M.S.N. (Nursing), Emory University; B.S.N. (Nursing), Jacksonville State University. 2007

**CINDIA DUBRAVCIC**, Lecturer in Nursing and Health Center Coordinator. M.S.N. (FNP-C), Albany State University; B.S.N. (Nursing), Georgia Southwestern State University. 2015

**KINGSLEY DUNKLEY**, 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 Agricultural Economics and Dean, Stafford School of Business. 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., Abraham Baldwin Agricultural College. 2008

**JOHNNY L. EVANS, JR.**, Professor of Chemistry and Dean, School of Arts and Sciences. Ph.D. (Physical Chemistry), University of Florida; B.S. (Chemistry), Georgia College. 2013



**JOSEPH M. FALCONE**, Professor of Chemistry and Department Head, Science and Mathematics. Ph.D. (Biophysics), State University of New York at Buffalo; B.A. (Physics), Manhattan College. 2016

**SUSAN B. FARMER**, Associate Professor of Biology. Ph.D. and M.S. (Botany), and B.A. (Computer Science), University of Tennessee. 2007

**ANTHONY P. FITZGERALD**, Associate Professor of Criminal Justice and Interim Coordinator, Rural Sociology. M.S. (Criminal Justice), Valdosta State University; M.P.A. (Public Administration), Jacksonville State University; B.S. (Liberal Arts); A.S. Regents College, University of New York. 1999

**FRANK B. FLANDERS**, Associate Professor of Agricultural Education. Ed.D. (Career, Technical and Agricultural Education), Ed.S. (Agricultural Education), M.S. (Agricultural Education) and B.S. (Agriculture), University of Georgia; A.S. Abraham Baldwin Agricultural College. 2017

**JOHN LEWIS FOLSOM**, Lecturer in Music. Ed.S., M.S., and B.M.Ed. (Music Education), Troy State University. 2012

**BENJAMIN A. GAHAGEN**, Assistant Professor of Biology. Ph.D. (Plant Biology), Ohio University; B.S. (Biology), James Madison University. 2017

**JAMES H. GALT-BROWN**, Professor of History. Ph.D. (History), Mississippi State University; M.A. (History), Murray State University; B.A. (History), University of South Carolina. 2003

**SANDRA L. GILES**, Professor of English. Ph.D. (English), Florida State University; M.A. and B. A. (English), Valdosta State University; A.A., Abraham Baldwin Agricultural College. 1997

**THOMAS A. GRANT**, Associate Professor of Journalism. Ph.D. (Journalism), University of Idaho; M.S. (Journalism), Columbia University; B.A. (English), Washington State University. 2012

**JAN GREGUS**, Associate Professor of Mathematics. Ph.D. (Mathematics), University of Florida; B.S. (Physics), Comenius University, Bratislava, Slovakia. 2012

**JOANNA C. GRESS**, Assistant Professor of Biology. Ph.D. (Plant Science), Montana State University; M.S. (Plant Science), University of Arizona; B.S. (Biology), Mills College. 2016

**CYNTHIA HALL**, Associate Professor of English. Ph.D. (English), University of California, Riverside; M.A. (English), University of West Georgia; M.Ed. (English Education), Emmanuel College; B.A. (English), Mount St. Mary College. 2008

**KIP ERROL HALL**, Assistant Professor of Forestry. M.S. (Forest Resources), Pennsylvania State University; B.S. (Biology), Marietta College. 1986

**MARY ANNE MURPHREE HARPER**, Lecturer in English. M.A. and B.A. (English Literature), Valdosta State University. 2016

**WENDY J. HARRISON**, Professor of English and Department Head, English and Communication. Ph.D. (Language and Literacy Education), University of Georgia; M.Ed. (Secondary Education/English), Georgia Southwestern State University; A.B.J. (Print Journalism), University of Georgia. 2002

**DONNA HATCHER**, Professor of Art. M.F.A (Art), Cornell University; B.F.A. (Sculpture & Art History), University of Georgia. 2001

**THOMAS HEFLIN**, Assistant Professor of Jazz Studies. D.M.A. (Jazz Performance), University of Texas; M.M. (Jazz Performance), William Paterson University; B.A. (Music) and B.S. (Communications), University of Tennessee. 2014

**MARY ELLEN HICKS**, Professor of Animal Science. D.V.M. (Veterinary Medicine) and B.S. (Pre-Vet), University of Georgia; A.S., Abraham Baldwin Agricultural College. 1989

**TODD HICKS**, Assistant Professor of Ag Engineering. M.S. (Ag Leadership), University of Georgia; B.S. (Mechanical Engineering Technology), Southern Polytechnic State University. 2010

**PHILIP HIGHTOWER**, Lecturer in Biology. M.S. and B.S. (Biology), Valdosta State University. 2011

**MARVIN E. HOLTZ**, Professor of Biology. Ph.D. (Science Education), Florida State University; M.S. (Biology), Niagara University; B.A. (Biology), Lyon College. 2001

**STEVEN L. JANOUSEK**, Assistant Professor of Health and Physical Education. M.Ed. and B.S. (Health and Physical Education), Georgia College; A.A., Middle Georgia College. 1997

**MARCUS E. JOHNSON**, Assistant Professor of Education and Department Head, Education. Ph.D. (Educational Theory and Practice), University of Georgia; M.A. (Philosophy), Georgia State University; B.S. (Psychology), University of Georgia. 2015

**AVIJIT KAR**, Assistant Professor of Mathematics. M.S. (Mathematics), University of Florida; B.S. (Computer Science), University of Nebraska. 2006

**BAL K. KHATIWADA**, Assistant Professor of Chemistry. Ph.D. (Chemistry), Oklahoma State University; M.S. and B.S. (Chemistry), Tribhuvan University, Kathmandu, Nepal. 2017

**CHRIS KISER**, Associate Professor of Forestry. Ph.D. and M.S. (Forestry), Virginia Tech; B.S. (Environmental Science), Ferrum College. 2012

**CHARLOTTE KLESMAN**, Assistant Professor of Communication. Ph.D. (Communication and Public Discourse), University of North Dakota; M.A. (Mass Communication), University of Wisconsin, Superior; B.S. (Home Economics), University of Georgia. 2014

**JANET L. KOPOSKO**, Assistant Professor of Psychology. Ph.D. and M.S. (Psychology), Oklahoma State University; B.A. (Psychology), California University of Pennsylvania. 2017

**ALAN M. KRAMER**, Assistant Professor of Physical Education, Assistant Dean of Students, and Athletics Director. M.S.Ed. (Health, P.E., Recreation), Baylor University; B.S. (Exercise Science), Northeast Missouri State University. 1993

**LEONIDAS LAGRIMAS**, Assistant Professor of Piano and Theory. Ph.D. (Piano Pedagogy), Florida State University; M.Ed. (Music and Music Education), Teachers College and New York University; B.A. (Music/English), College of William and Mary. 2016

**VANESSA LANE**, Assistant Professor of Wildlife Ecology. Ph.D. (Forest Resources), University of Georgia; M.S. (Animal and Range Sciences), Montana State University; B.S. (Natural Resources), Cornell University. 2014

**JOHN LAYTON**, Assistant Professor of Turf Grass Management. M.S. (Turf grass Science) and B.S. (Chemistry), Mississippi State University. 2010

**RHONDA LEWIS**, Assistant Professor of Nursing. M.S.N. and B.S.N. (Nursing), Valdosta State University; A.S.N. (Nursing), Abraham Baldwin Agricultural College. 2010

**GEORGE LOWERTS**, Assistant Professor of Forestry. Ph.D. (Forestry) and M.S. (Forest Genetics and Plant Pathology), North Carolina State University; B.S. (Natural Resource Management), Rutgers University. 2013

**AUDREY LUKE-MORGAN**, Lecturer in Agricultural Economics. M.S. (Ag Economics) and B.B.A. (Accounting), University of Georgia; A.S., Abraham Baldwin Agricultural College. 2012

**TIMOTHY MARSHALL**, Professor of Animal Science and Agricultural Faculty Consultant. Ph.D. and M.S. (Animal Science), University of Florida; B.S.A. (Animal Science), University of Georgia; A.S., Abraham Baldwin Agricultural College. 2006

**FRANZELLE MATHIS-PERTILLA**, Instructor of Business, Stafford School of Business. M.B.A. (Finance and International Business) Mercer University; B.A. (Mass Communications), Clark Atlanta University. 2013

**MICHAEL J. W. MAW**, Assistant Professor of Agronomy. Ph.D. and M.S. (Plant, Insect & Microbial Sciences), University of Missouri; B.S. (Water & Soil Resources and Agricultural Communication), University of Georgia; A.S., Abraham Baldwin Agricultural College. 2017

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