

# Catalog Home

Volume LXXVII, No. 1

August 1, 2019

## 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.

## Directory for Correspondence

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

Telephone 800-733-3653 or  
Local Area Code 229  
<http://www.abac.edu>

President	President@abac.edu	391-5050	Tift Hall, Tifton
Provost and Vice President for Academic Affairs	VPAA@abac.edu	391-4782	Tift Hall, Tifton
Vice President for External Affairs and Advancement	VPEAA@abac.edu	391-4900	Alumni House, Tifton
Vice President for Finance and Operations	VPFO@abac.edu	391-5052	Herring Hall, Tifton
Vice President for Technology	VPT@abac.edu	391-4850	Tift Hall, Tifton
Executive Director at Bainbridge	ExecDir.Bainbridge@abac.edu	243-6075	Mobley Administration Bldg, Bainbridge
School of Agriculture and Natural Resources	Dean.AgNatRes@abac.edu	391-4790	Agricultural Sciences Bldg, Tifton
School of Arts and Sciences	Dean.ArtsSciences@abac.edu	391-5260	King Hall, Tifton
School of Nursing and Health Sciences	Dean.Nursing@abac.edu	391-5020	Nursing & Health Sciences, Tifton
Stafford School of Business	Dean.Business@abac.edu	391-4830	Lewis Hall, Tifton
Academic Support and Advising	ASC@abac.edu	391-4995	Branch Hall, Tifton
Admissions	Admissions@abac.edu	391-5004	Herring Hall, Tifton
Athletics	Athletics@abac.edu	391-4930	Gressette Gym, Tifton
Baldwin Library	BaldwinLibrary@abac.edu	391-4990	Branch Hall, Tifton
Counseling Services	SDC@abac.edu	391-5135	Branch Hall, Tifton
Disability Services	SDC@abac.edu	391-5135	Branch Hall, Tifton

Financial Aid	FinAid@abac.edu	391-4010	Branch Hall, Tifton
Health Center	HealthCenter@abac.edu	391-5030	Nursing & Health Sciences, Tifton
Human Resources	HR@abac.edu	391-4890	Herring Hall, Tifton
Institutional Effectiveness	IE@abac.edu	391-4983	Tift Hall, Tifton
Learning Support	ASC@abac.edu	391-4997	Branch Hall, Tifton
Marketing and Communications	PublicRelations@abac.edu	391-5055	Tift Hall, Tifton
Police	Police@abac.edu	391-5060	Evans Hall, Tifton
Registrar	Registrar@abac.edu	391-5007	Off-Campus, Tifton
Student Accounts	StudentAccounts@abac.edu	391-4924	Branch Hall, Tifton
Student Development	SDC@abac.edu	391-5135	Branch Hall, Tifton
Student Life and Housing	Housing@abac.edu	391-5140	Town Hall, Tifton
Student Resources and Services	StudentResources@abac.edu	391-5130	Branch Hall, Tifton
Technology Services HelpDesk	TechSupport@abac.edu	391-5400	Branch Hall, Tifton
Testing	Testing@abac.edu	391-4817	Branch Hall, Tifton

**ABAC at Bainbridge**

Academic Schools	ASC-Bainbridge@abac.edu	243-3160	Mobley Administration Bldg, Bainbridge
Academic Support and Advising	ASC-Bainbridge@abac.edu	243-3021	Library, Bainbridge

Admissions	AdmBainbridge@abac.edu	243-3017	Mobley Administration Bldg, Bainbridge
Counseling Services	SDC@abac.edu	243-3036	Wellness Center, Bainbridge
Financial Aid	FABainbridge@abac.edu	243-3017	Mobley Administration Bldg, Bainbridge
Registrar	Registrar@abac.edu	243-3017	Mobley Administration Bldg, Bainbridge
Student Accounts	StudentAccounts@abac.edu	391-4924	Branch Hall, Tifton

**ABAC at Blakely**

Academic Schools	ASC-Blakely@abac.edu	724-2405	Blakely Site
Academic Support and Advising	ASC-Blakely@abac.edu	724-2444	Blakely Site
Admissions	AdmBlakely@abac.edu	724-2431	Blakely Site
Counseling Services	SDC@abac.edu	243-3036	Wellness Center, Bainbridge
Financial Aid	FABainbridge@abac.edu	724-2431	Blakely Site
Registrar	Registrar@abac.edu	724-2405	Blakely Site
Student Accounts	StudentAccounts@abac.edu	391-4924	Branch Hall, Tifton

**ABAC at Donalsonville**

Academic Schools	ASC-Bainbridge@abac.edu	524-1279	Donalsonville Site
Academic Support and Advising	ASC-Bainbridge@abac.edu	524-1279	Donalsonville Site
Admissions	ASC-Bainbridge@abac.edu	524-1279	Donalsonville Site

Counseling Services	SDC@abac.edu	243-3036	Wellness Center, Bainbridge
Financial Aid	FABainbridge@abac.edu	243-6000	Donalsonville Site
Registrar	Registrar@abac.edu	524-1279	Donalsonville Site
Student Accounts	StudentAccounts@abac.edu	391-4924	Branch Hall, Tifton

#### **ABAC at Moultrie**

Academic Schools	Moultrie@abac.edu	891-7235	Moultrie Site
Academic Support and Advising	Moultrie@abac.edu	891-7235	Moultrie Site
Admissions	Moultrie@abac.edu	891-7235	Moultrie Site
Counseling Services	SDC@abac.edu	891-7235	Moultrie Site
Financial Aid	FinAid@abac.edu	391-4010	Branch Hall, Tifton
Registrar	Registrar@abac.edu	891-7235	Moultrie Site
Student Accounts	StudentAccounts@abac.edu	391-4924	Branch Hall, Tifton

## **Academic Calendar**

### **Fall Semester 2019**

#### **Full Term**

First day of classes	August 13
End Drop/Add period	August 20, 4:30 pm
Labor Day Holiday	September 2

Mid-term withdrawal deadline w/o academic penalty	October 4, 2:30 pm
Fall Break	October 14, 15
Thanksgiving Holidays	November 27, 28, 29
Last day of classes	December 3
Final exams	December 5, 6, 9, 10
Graduation	December 12, 10 am

## Session A

First day of classes	August 13
End Drop/Add period	August 20, 4:30 pm
Labor Day Holiday	September 2
Mid-term withdrawal deadline w/o academic penalty	September 6, 2:30 pm
Last day of classes	October 3
Final exams (or TBA by instructor)	October 4

## Session B

First day of classes	October 7
End Drop/Add period	October 7, 4:30 pm
Fall Break	October 14, 15
Mid-term withdrawal deadline w/o academic penalty	November 1, 2:30 pm
Thanksgiving Holidays	November 27, 28, 29
Last day of classes	December 3
Final exams	December 5, 6, 9, 10

## Spring Semester 2020

### Full Term

First day of classes	January 7
End Drop/Add period	January 14, 4:30 pm
MLK Holiday	January 20
Mid-term withdrawal deadline w/o academic penalty	February 28, 2:30 pm
Spring Break	March 16, 17, 18, 19, 20
Last day of classes	April 28
Final exams	April 30, May 1, 4, 5
Graduation	May 9, 10 am

## Session A

First day of classes	January 7
End Drop/Add period	January 14, 4:30 pm
MLK Holiday	January 20
Mid-term withdrawal deadline w/o academic penalty	January 31, 2:30 pm
Last day of classes	February 27
Final exams (or TBA by instructor)	February 28

## Session B

First day of classes	March 2
End Drop/Add period	March 2, 4:30 pm
Spring Break	March 16, 17, 18, 19, 20
Mid-term withdrawal deadline w/o academic penalty	April 1, 4:30 pm
Last day of classes	April 28
Final exams	April 30, May 1, 4, 5

## Summer Term 2020



## Extended

First day of classes	May 11
End Drop/Add period	May 13, 4:30 pm
Memorial Day Holiday	May 25
Mid-term withdrawal deadline w/o academic penalty	June 15, 4:30 pm
Independence Day Holiday	July 4
Last day of classes	July 16
Final exams	July 20, 21

## Full Term

First day of classes	May 26
End Drop/Add period	May 27, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	June 22, 4:30 pm
Independence Day Holiday	July 4
Last day of classes	July 16
Final exams	July 20, 21

## Session A

First day of classes	May 26
End Drop/Add period	May 26, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	June 4, 4:30 pm
Last day of classes	June 18
Final exams	June 22

## Session B

First day of classes	June 23
End Drop/Add period	June 23, 4:30 pm
Mid-term withdrawal deadline w/o academic penalty	July 2, 4:30 pm
Independence Day Holiday	July 4
Last day of classes	July 16
Final exams	July 20, 21

For comprehensive and up-to-date calendars, please visit [http://apps.abac.edu/Registrar/Academic\\_Calendar/](http://apps.abac.edu/Registrar/Academic_Calendar/).  
For eCore calendar, please visit <https://ecore.usg.edu/about/academic-calendar>.

## 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, Agricultural Education, Biology, Business, 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 science in nursing, and associate of fine arts 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 \$530 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: 404-975-5020).

ABAC's Bachelor of Science in Natural Resource Management (Forestry track) is accredited by the Society of American Foresters (SAF). SAF is the national organization responsible for accreditation of postsecondary degree-awarding programs in forestry in the U.S.

## **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.

## **Servicemembers Opportunity Colleges**

ABAC is a participant of the Servicemembers 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 <https://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 the Alumni House. 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 <https://www.abac.edu/alumni-and-giving/alumni-and-friends/alumni-association/>.

# 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 1,810-acres in Tifton. Highway I-75 runs alongside the campus.

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.

For detailed information about all site locations, visit <https://www.abac.edu/site-locations/>.

# Buildings and Grounds

A detailed campus map is available at [https://stallionsabac.sharepoint.com/:b:/s/Resources/EY\\_cyfzq9DtMgng7cEzTX0YByedIEePkLT\\_3GFdD29Wosw?e=yjYimg](https://stallionsabac.sharepoint.com/:b:/s/Resources/EY_cyfzq9DtMgng7cEzTX0YByedIEePkLT_3GFdD29Wosw?e=yjYimg)

# Coronavirus Disease 2019 (COVID-19) Information

Effective March 24, 2020, ABAC implemented the following **temporary** changes to its withdrawal process for Spring 2020 only and its admissions criteria for Summer 2020 and Fall 2020 only.

Also, see Academic Standing for **COVID-19 Exception: For Spring 2020 only**, students placed on their first suspension will be allowed to enroll Fall 2020 without having to submit an appeal.

The following two paragraphs (i.e., Single Course Withdrawal and Total Withdrawal from the College) impact Spring 2020 (ending May 7, 2020).

**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 close of business, 5:30 p.m., on Thursday, April 9, 2020. Students who withdraw by this deadline will receive a grade of W, regardless of the grade at the time of withdrawal. After April 9, 2020, students withdrawing from a class will receive a grade of WF. Students who wish to withdraw must notify their instructor, their advisor, and the Academic Support Center of their intention to withdraw. Although a grade of W has no impact on the grade point average (GPA), students should be aware that negative effects on Financial Aid result when withdrawing from any class. A grade of WF (withdraw-fail) has an impact on the GPA and may also have adverse effects on Financial Aid.

**Total Withdrawal from the College:** Students who voluntarily withdraw from the College must first consult with Academic Support and complete a "Student Withdrawal Form." Students who completely withdraw by close of business, 5:30 p.m., on April 9, 2020, will receive a grade of W, regardless of the grade at the time of withdrawal. Students completely withdrawing from the College after April 9, 2020 will receive a grade of WF in all enrolled courses. Although a grade of W has no impact on the grade point average (GPA), students should be aware that negative effects on Financial Aid result when withdrawing from any class. A grade of WF (withdraw-fail) has an impact on the GPA and may also have adverse effects on Financial Aid.

The following five bulleted items (for Admissions Criteria) impact Summer 2020 and Fall 2020 (ending December 11, 2020).

- For students who have previously submitted ACT or SAT scores that when combined with final calculated high school grade point average, no change occurs.
- For students who have not taken ACT or SAT scores, they will be eligible for regular admission with final calculated high school grade point average of 2.25, as presently calculated by ABAC, assuming no other factors that would preclude their admission.
- For students who have previously submitted and achieved the freshman index requirement, but failed on a specific section of the ACT/SAT, they will be admitted if their final calculated high school grade point average is 2.25, assuming all other criteria are met.
- Any student who does not meet the above requirements may follow the existing process for denial.
- Normal admissions procedures will be re-instituted for the Spring 2021 applicants.

For Coronavirus Disease 2019 (COVID-19) information, visit Centers for Disease Control and Prevention at <https://www.cdc.gov/coronavirus/2019-ncov/>.

## 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 their advisor and review Program Maps.

Compilation of the above links/pages to print.

## Academic Programs

# 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 agribusiness, agricultural education, agriculture, environmental horticulture, and natural resource management.

- Agribusiness, B.S.
- Agricultural Education, BS
- Agriculture, BS
- Environmental Horticulture, BS
- Natural Resource Management, BS

## 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.

Students in other majors may also earn a Minor in Agribusiness.

## 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 2260 - Introduction to Agricultural Marketing Credit Hour(s): 3
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- MATH 1401 - Elementary Statistics Credit Hour(s): 3

## Required Courses for the Major: 30 hours

- AECO 2205 - Introduction to Agribusiness Computations 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 Agricultural 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 - Agricultural Internship Credit Hour(s): 6
- MGMT 3670 - Human Resource Management Credit Hour(s): 3

## Foundational Agricultural Courses: 9 hours

Choose 9 hours from the following.

- 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

## Directed Elective Courses: 6 hours

Choose 6 hours from the following.

- MGMT 3650 - Business Logistics Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3
- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- MKTG 4300 - Selling and Negotiating Credit Hour(s): 3

## Elective Courses: 15 hours

Choose 15 hours from the following (a minimum of 6 hours must be 3000- or 4000- level courses).

- AECO 2265 - Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 3265 - Advanced Agricultural Marketing Practicum Credit Hour(s): 3
- AECO 4890 - Special Topics in Agribusiness Credit Hour(s): 3
- AECO 4891 - Special Topics in Agribusiness Credit Hour(s): 3
- AECO 4892 - Special Topics in Agribusiness Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2200 - Agricultural Data Management Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AENG 3400 - Surveying and Introduction to Global Positioning Systems (GPS) Credit Hour(s): 3
- AENG 3500 - Electrical Systems and Electronics Credit Hour(s): 3
- AENG 4200 - Advanced Irrigation Systems Management Credit Hour(s): 3
- AENG 4300 - Spatial Data Analysis in Agriculture Credit Hour(s): 3
- AENG 4890 - Special Topics in Agricultural Engineering Credit Hour(s): 3
- AENG 4891 - Special Topics in Agricultural Engineering Credit Hour(s): 3
- AENG 4892 - Special Topics in Agricultural Engineering Credit Hour(s): 3
- AENT 1113 - Power Equipment 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 4790A - Agricultural Internship Credit Hour(s): 3
- AGRP 1125 - Fundamentals of Plant Protection 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 2020 - Soils and Fertilizers 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 2010 - Introduction to Animal 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 3205 - Beef Industry Credit Hour(s): 3
- ASLH 3217 - Equine Production Management 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 4217 - Equine Exercise Physiology Credit Hour(s): 3
- ASLH 4405 - Applied Animal Nutrition Credit Hour(s): 3
- BUSA 3071 - Business Law Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3 AND  
CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- GLST 3700A - Global Experiential Learning Credit Hour(s): 3  
**OR**  
GLST 3700B - Global Experiential Learning Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science 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
- MATH 2054 - Calculus II Credit Hour(s): 4
- MATH 2055 - Calculus III Credit Hour(s): 4
- MGMT 3650 - Business Logistics Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3
- MKTG 4800 - 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 one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).

- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## **Agriculture, Agricultural Technology and Systems Management (ATSM) track, B.S.**

Successful completion of the Agricultural Technology and Systems Management (ATSM) track of Agriculture will prepare students for technical careers focused on the sales or management in the production, processing, or manufacturing of agricultural materials. These careers may be related to crop production, extension, precision agriculture, irrigation management, design and testing of equipment, and many other positions related to commercial agriculture. Students will combine an understanding of the agricultural, biological, and physical sciences with business, managerial, and technical skills.

Students in other majors may also earn a Minor in Agriculture.

### **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 - Agricultural Internship Credit Hour(s): 6

### **Track Courses: 39 hours**

- AENG 1100 - Introduction to Agricultural Technology and Systems Management (ATSM) Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2100 - Problem Solving in Agricultural Technology and Systems Management (ATSM) Credit Hour(s): 3
- AGRY 3030 - Field Crop Production Credit Hour(s): 3  
**OR**  
HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3

- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- AENG 3113 - Agricultural Machinery Systems Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation, and Erosion Control Credit Hour(s): 3
- AENG 3300 - Precision Agriculture Credit Hour(s): 3
- AENG 3400 - Surveying and Introduction to Global Positioning Systems (GPS) Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AENG 3500 - Electrical Systems and Electronics Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AENG 4200 - Advanced Irrigation Systems Management Credit Hour(s): 3
- AENG 4300 - Spatial Data Analysis in Agriculture Credit Hour(s): 3

## Elective Courses: 12 hours

Choose 12 hours from the following (a minimum of 3 hours must be 3000- or 4000-level courses).

- AECO 2260 - Introduction to Agricultural Marketing Credit Hour(s): 3
- AECO 3200 - Agricultural Records II Credit Hour(s): 3
- AECO 3800 - Food and Agricultural Marketing Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AECO 4890 - Special Topics in Agribusiness Credit Hour(s): 3
- **OR**
- AECO 4891 - Special Topics in Agribusiness Credit Hour(s): 3
- **OR**
- AECO 4892 - Special Topics in Agribusiness Credit Hour(s): 3
- AENG 2200 - Agricultural Data Management Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AGRI 2201 - Special Problems in Agriculture Credit Hour(s): 3
- AGRI 4500 - Farm Operations Credit Hour(s): 3
- AGRI 4790A - Agricultural Internship 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
- AGRY 4890 - Special Topics in Crop Science Credit Hour(s): 3
- **OR**
- AGRY 4891 - Special Topics in Crop Science Credit Hour(s): 3
- **OR**
- AGRY 4892 - Special Topics in Crop Science Credit Hour(s): 3
- AGRP 3320 - Plant Disease Management Credit Hour(s): 3
- AGRP 4422 - Insect Pest Management Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3 AND  
CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CISM 2100 - Spreadsheet Applications Credit Hour(s): 3
- CISM 3100 - Data Analytics Credit Hour(s): 3
- CISM 4130 - Management Information Systems Credit Hour(s): 3
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3
- ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3

- MATH 1112 - Trigonometry Credit Hour(s): 3
- MATH 1113 - Pre-Calculus Mathematics Credit Hour(s): 4
- MATH 1401 - Elementary Statistics Credit Hour(s): 3
- MATH 2053 - Calculus I Credit Hour(s): 4
- MGMT 3130 - Principles of Management Credit Hour(s): 3
- MGMT 3650 - Business Logistics Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## Agriculture, Animal Science, B.S.

Successful completion of the Animal Science track of Agriculture will enable students to apply for acceptance into graduate animal science programs needing a strong emphasis on sciences. Careers for which students will have met requirements include careers in extension, animal feed industry, animal health industry and animal production. Students will combine an understanding of the agricultural (strong emphasis on food animal and equine species) sciences as well as biological sciences needed for pre-professional programs and graduate programs.\*

\*Students intending to apply to veterinary school should also take PHYS 1111/PHYS 1111L and PHYS 1112/PHYS 1112L.

Students in other majors may also earn a Minor in Agriculture.

### 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 - Agricultural Internship Credit Hour(s): 6

## Track Courses: 25 hours

+Courses taken in Track Courses can not be counted in Elective Courses.

- CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3
- **AND**
- CHEM 1212L - Principles of Chemistry II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3
- **AND**
- CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3
- **AND**
- CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1
- BIOL 3100 - Introductory Biochemistry and Molecular Biology Credit Hour(s): 4
- **Choose 8 hours from the following:**
- BIOL 3200K - Genetics Credit Hour(s): 4 +
- BIOL 3500K - Introductory Microbiology Credit Hour(s): 4 +
- BIOL 3850K - Comparative Vertebrate Anatomy Credit Hour(s): 4 +

## Elective Courses: 26 hours

+Courses taken in Elective Courses can not be counted in Track Courses.

- 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 3217 - Equine Production Management 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 4217 - Equine Exercise Physiology Credit Hour(s): 3
- ASLH 4405 - Applied Animal Nutrition Credit Hour(s): 3
- ASLH 4890 - Special Topics in Animal Science Credit Hour(s): 3
- OR**
- ASLH 4891 - Special Topics in Animal Science Credit Hour(s): 3
- OR**
- ASLH 4892 - Special Topics in Animal Science Credit Hour(s): 3
- BIOL 3060K - Entomology Credit Hour(s): 4
- BIOL 3090K - Invertebrate Zoology Credit Hour(s): 4
- BIOL 3101 - Biochemistry II Credit Hour(s): 3
- AND**
- BIOL 3101L - Biochemistry II Laboratory Credit Hour(s): 1
- BIOL 3200K - Genetics Credit Hour(s): 4 +
- BIOL 3221 - Nutrition & Metabolism Credit Hour(s): 3
- BIOL 3250 - Toxicology Credit Hour(s): 3
- BIOL 3500K - Introductory Microbiology Credit Hour(s): 4 +
- BIOL 3770 - Ornithology Credit Hour(s): 3
- BIOL 3850K - Comparative Vertebrate Anatomy Credit Hour(s): 4 +
- BIOL 4150K - Neuroscience Credit Hour(s): 4
- BIOL 4250K - Animal Physiology Credit Hour(s): 4
- BIOL 4300K - Parasitology Credit Hour(s): 4
- BIOL 4400K - Immunology Credit Hour(s): 4

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## 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.

Students in other majors may also earn a Minor in Agriculture.

## 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
- AGRY 4791 - Agricultural Internship Credit Hour(s): 6

## Track 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 3200K - Genetics Credit Hour(s): 4
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3 AND  
CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3 AND  
CHEM 1212L - Principles of Chemistry II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3 AND  
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 (a minimum of 6 hours must be 3000- or 4000-level courses).

- AECO 2260 - Introduction to 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 Agricultural Marketing Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AECO 4890 - Special Topics in Agribusiness Credit Hour(s): 3
- **OR**
- AECO 4891 - Special Topics in Agribusiness Credit Hour(s): 3
- **OR**
- AECO 4892 - Special Topics in Agribusiness Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2100 - Problem Solving in Agricultural Technology and Systems Management (ATSM) Credit Hour(s): 3
- AENG 2200 - Agricultural Data Management Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- AENG 3113 - Agricultural Machinery Systems Credit Hour(s): 3
- AENG 3400 - Surveying and Introduction to Global Positioning Systems (GPS) Credit Hour(s): 3
- AENG 3500 - Electrical Systems and Electronics Credit Hour(s): 3
- AENG 4200 - Advanced Irrigation Systems Management Credit Hour(s): 3
- AENG 4300 - Spatial Data Analysis in Agriculture Credit Hour(s): 3
- AENT 2113 - Power Equipment II Credit Hour(s): 3
- AGED 4370 - Agriscience Applications Credit Hour(s): 3
- AGRI 4500 - Farm Operations Credit Hour(s): 3
- AGRI 4790A - Agricultural 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
- **OR**
- AGRY 4891 - Special Topics in Crop Science Credit Hour(s): 3
- **OR**
- AGRY 4892 - Special Topics in Crop Science Credit Hour(s): 3
- AGRY 4960 - Agricultural Research Methods Credit Hour(s): 3
- BIOL 3100 - Introductory Biochemistry and Molecular Biology Credit Hour(s): 4
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3 AND CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1
- HORT 4080 - Principles of Plant Mineral Nutrition Credit Hour(s): 3
- MATH 1112 - Trigonometry Credit Hour(s): 3
- **OR**
- MATH 1113 - Pre-Calculus Mathematics Credit Hour(s): 4
- MATH 1401 - Elementary 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 one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## 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.

Students in other majors may also earn a Minor in Agriculture.

### 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 - Agricultural Internship Credit Hour(s): 6

## Track Courses: 36 hours

- AECO 2258 - Applied Economics Credit Hour(s): 3  
**OR**  
ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- AECO 2260 - Introduction to 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 Agricultural 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 (a minimum of 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
- AECO 4890 - Special Topics in Agribusiness Credit Hour(s): 3  
**OR**  
AECO 4891 - Special Topics in Agribusiness Credit Hour(s): 3  
**OR**  
AECO 4892 - Special Topics in Agribusiness Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2100 - Problem Solving in Agricultural Technology and Systems Management (ATSM) Credit Hour(s): 3
- AENG 2200 - Agricultural Data Management 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 4790A - Agricultural 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
- **OR**
- AGRY 4891 - Special Topics in Crop Science Credit Hour(s): 3
- **OR**
- AGRY 4892 - Special Topics in Crop Science Credit Hour(s): 3
- AGRY 4960 - Agricultural Research Methods 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
- **OR**
- ASLH 4891 - Special Topics in Animal Science Credit Hour(s): 3
- **OR**
- ASLH 4892 - Special Topics in Animal Science Credit Hour(s): 3
- CISM 2100 - Spreadsheet Applications Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3 AND  
CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3 AND  
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 Credit Hour(s): 3
- HORT 4080 - Principles of Plant Mineral Nutrition Credit Hour(s): 3
- MATH 1112 - Trigonometry Credit Hour(s): 3
- MATH 1113 - Pre-Calculus Mathematics Credit Hour(s): 4
- MATH 1401 - Elementary 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 one PE activity course.

**Notes:**

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.

- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## **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.

Students in other majors may also earn a Minor in Agriculture.

### **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 - Agricultural Internship Credit Hour(s): 6

## Track Courses: 24 hours

- AECO 2260 - Introduction to Agricultural Marketing Credit Hour(s): 3
- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 3800 - Food and Agricultural 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: (a minimum of 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
- AECO 4890 - Special Topics in Agribusiness Credit Hour(s): 3
- **OR**
- AECO 4891 - Special Topics in Agribusiness Credit Hour(s): 3
- **OR**
- AECO 4892 - Special Topics in Agribusiness Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2100 - Problem Solving in Agricultural Technology and Systems Management (ATSM) Credit Hour(s): 3
- AENG 2200 - Agricultural Data Management 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 4790A - Agricultural 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
- **OR**
- AGRY 4891 - Special Topics in Crop Science Credit Hour(s): 3
- **OR**
- AGRY 4892 - Special Topics in Crop Science Credit Hour(s): 3
- AGRY 4960 - Agricultural Research Methods Credit Hour(s): 3
- ASLH 3110 - Food Animal Evaluation and Selection Credit Hour(s): 3
- ASLH 3205 - Beef Industry Credit Hour(s): 3
- ASLH 3217 - Equine Production Management 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 4217 - Equine Exercise Physiology Credit Hour(s): 3
- ASLH 4890 - Special Topics in Animal Science Credit Hour(s): 3
- **OR**
- ASLH 4891 - Special Topics in Animal Science Credit Hour(s): 3
- **OR**
- ASLH 4892 - Special Topics in Animal Science Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3 AND  
CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3 AND  
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 Credit Hour(s): 3
- HORT 3033 - Fruit and Vegetable Production Credit Hour(s): 3
- HORT 4080 - Principles of Plant Mineral Nutrition Credit Hour(s): 3
- MATH 1112 - Trigonometry Credit Hour(s): 3
- MATH 1113 - Pre-Calculus Mathematics Credit Hour(s): 4
- MATH 1401 - Elementary 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 one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and

- Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## **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.

Students in other majors may also earn a Minor in Agriculture.

### **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 - Agricultural Internship Credit Hour(s): 6

### **Track Courses: 30 hours**

- AECO 2260 - Introduction to 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 (a minimum of 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 Agricultural Marketing Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- AECO 4890 - Special Topics in Agribusiness Credit Hour(s): 3
- **OR**
- AECO 4891 - Special Topics in Agribusiness Credit Hour(s): 3
- **OR**
- AECO 4892 - Special Topics in Agribusiness Credit Hour(s): 3
- AENG 1109 - Engineering Graphics Credit Hour(s): 3
- AENG 2100 - Problem Solving in Agricultural Technology and Systems Management (ATSM) Credit Hour(s): 3
- AENG 2200 - Agricultural Data Management 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 4790A - Agricultural 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 3205 - Beef Industry Credit Hour(s): 3



- ASLH 3217 - Equine Production Management Credit Hour(s): 3
- ASLH 4205 - Beef Production Credit Hour(s): 3
- ASLH 4217 - Equine Exercise Physiology Credit Hour(s): 3
- ASLH 4890 - Special Topics in Animal Science Credit Hour(s): 3
- **OR**
- ASLH 4891 - Special Topics in Animal Science Credit Hour(s): 3
- **OR**
- ASLH 4892 - Special Topics in Animal Science Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3 AND  
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 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 1401 - Elementary 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 one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## Environmental Horticulture, Turf and Ornamental track, B.S.

The Turf and Ornamental track of Environmental Horticulture offers education in turf management, professional lawn care, turf production, landscape design, and ornamental plants. 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.

Students in other majors may also earn a Minor in Environmental Horticulture.

## 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: 12 hours

- AGED 3030 - Floral Management Credit Hour(s): 3
- AGED 4040 - Greenhouse and Nursery Management Credit Hour(s): 3
- HORT 3770 - Interior Plantscapes Credit Hour(s): 3
- HORT 4550 - Horticulture Design Implementation Credit Hour(s): 3

## Elective Courses: 9 hours

- AECO 3430 - Agricultural Financial Management Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AENG 3101 - Metal Fabrication Credit Hour(s): 3
- 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 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 4790A - Environmental Horticulture Internship Credit Hour(s): 3
- HORT 4890 - Special Topics in Horticulture Credit Hour(s): 3
- **OR**
- HORT 4891 - Special Topics in Horticulture Credit Hour(s): 3
- **OR**
- 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-level course. Credit Hour(s): 3

## Open Electives: 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
- AENG 2200 - Agricultural Data 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 2070K - 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 2207 - Experiential Learning in Landscape 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 1401 - Elementary 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 one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and

- Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## **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.

Students in other majors may also earn a Minor in Environmental Horticulture.

### **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**

- 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 3202 - Grounds Maintenance Equipment II 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 4080 - Principles of Plant Mineral Nutrition Credit Hour(s): 3
- HORT 4330 - Construction, Renovation and Grow-In Credit Hour(s): 3
- HORT 4790A - Environmental Horticulture Internship Credit Hour(s): 3
- HORT 4890 - Special Topics in Horticulture Credit Hour(s): 3
- **OR**
- HORT 4891 - Special Topics in Horticulture Credit Hour(s): 3
- **OR**
- 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-level course. Credit Hour(s): 3

### Open Electives: Choose 21 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
- AENG 2200 - Agricultural Data 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 2070K - 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 1401 - Elementary 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 one PE activity course.

**Notes:**

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## **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.

Students in other majors may also earn a Minor in Environmental Horticulture.

### **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 AND CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- CHEM 1212 - Principles of Chemistry II Credit Hour(s): 3 AND CHEM 1212L - Principles of Chemistry II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3 AND 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 3040K - Plant Pathology Credit Hour(s): 4
- BIOL 3200K - Genetics Credit Hour(s): 4
- BIOL 4200K - 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 4790A - 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
- AENG 2200 - Agricultural Data 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 2070K - 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 1401 - Elementary 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 one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## Minor

### Minor in Agribusiness

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. A minor may be earned simultaneously with or subsequently to earning a bachelor degree. Courses taken in Core Areas A through E may not be counted as course work in the minor.

### Lower Level: 9 hours

A minimum grade of C is required in these 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 2260 - Introduction to Agricultural Marketing Credit Hour(s): 3

## Upper Level: 9 hours

Choose 9 hours from the following. A minimum grade of C is required in these courses.

- 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 Agricultural Marketing Credit Hour(s): 3
- AECO 4100 - Agribusiness Management Credit Hour(s): 3
- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3

## Minor in Agriculture

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. A minor may be earned simultaneously with or subsequently to earning a bachelor degree. Courses taken in Core Areas A through E may not be counted as course work in the minor.

## Lower Level: 9 hours

Choose 9 hours from the following.

- 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

## Upper Level: 9 hours

Choose 9 hours from the following.

- 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

## Minor in Environmental Horticulture

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. A minor may be earned simultaneously with or subsequently to earning a bachelor degree. Courses taken in Core Areas A through E may not be counted as course work in the minor.

## Lower Level: 9 hours

Choose 9 hours from the following.

- 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
- HORT 2270 - Woody Ornamental Plant Identification Credit Hour(s): 3

## Upper Level: 9 hours

Choose 9 hours from the following.

- AGED 3030 - Floral Management Credit Hour(s): 3
- AGED 4040 - Greenhouse and Nursery Management Credit Hour(s): 3
- HORT 3310 - Best Management Practices in Turfgrass Credit Hour(s): 3
- HORT 3520 - Computations in Turfgrass Maintenance Credit Hour(s): 3
- HORT 3770 - Interior Plantscapes Credit Hour(s): 3
- HORT 4320 - Management of Fine Turf Credit Hour(s): 3
- HORT 4610 - Turfgrass Resources Credit Hour(s): 3

# 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 specialists. The discipline specific courses are paired with courses that prepare students to teach and work with diverse student populations in an agricultural setting. Courses include Curriculum Planning, Teaching Students with Special Needs, Pedagogy and Instructional Methods, 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.

Students in other majors may also earn a Minor in Agricultural 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 A1, Area A2, and Area D .
- Area D recommendations: MATH 1401, BIOL 1107 and BIOL 1107L, plus BIOL 1108 and BIOL 1108L, or CHEM 1211 and CHEM 1211L.
- Agricultural Education majors are exempt from Area D sequence requirement for Science Majors.

## Area F Courses: 18 hours

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AENT 1113 - Power Equipment Credit Hour(s): 3
- ASLH 2010 - Introduction to Animal Science 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

## Track Courses: 24 hours

(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 2258 - Applied Economics Credit Hour(s): 3
- AECO 2260 - Introduction to Agricultural Marketing Credit Hour(s): 3
- AECO 2265 - Agricultural Marketing Practicum 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 Agricultural 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 - Problem Solving in Agricultural Technology and Systems Management (ATSM) 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 2113 - Power Equipment II Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation, and Erosion Control Credit Hour(s): 3
- AGED 2290 - Experiential Learning Credit Hour(s): 3
- AGED 3030 - Floral Management Credit Hour(s): 3
- AGED 3900 - Leadership in Agriculture Credit Hour(s): 3
- AGED 4890 - Special Topics in Agricultural Education Credit Hour(s): 3
- **OR**
- AGED 4891 - Special Topics in Agricultural Education Credit Hour(s): 3
- **OR**
- AGED 4892 - Special Topics in Agricultural Education Credit Hour(s): 3
- AGRI 4790A - Agricultural Internship 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
- 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 2020 - Soils and Fertilizers 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 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
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- COMM 2100 - Interpersonal Communication Credit Hour(s): 3
- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3 AND  
CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- EDUC 3140 - Education in Rural Contexts Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- FRSC 1190 - Natural Resource Conservation Credit Hour(s): 3
- FRSC 3910 - Forestry for Educators Credit Hour(s): 3
- FRSC 3920 - Wildlife Management for Educators Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science 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 one PE activity course.

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

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## 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, Pedagogy and Instructional Methods, 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.**

Students in other majors may also earn a Minor in Agricultural 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 A1, Area A2, and Area D .
- Area D recommendations: MATH 1401, BIOL 1107 and BIOL 1107L, plus BIOL 1108 and BIOL 1108L, or CHEM 1211 and CHEM 1211L.
- Agricultural Education majors are exempt from Area D sequence requirement for Science Majors.

## Area F Courses: 18 hours

- AECO 1150 - Introduction to Agribusiness Management Credit Hour(s): 3
- AENT 1113 - Power Equipment Credit Hour(s): 3
- ASLH 2010 - Introduction to Animal Science 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

## Track Courses: 36 hours

(A minimum grade of C is required in these 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.

- 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 2258 - Applied Economics Credit Hour(s): 3
- AECO 2260 - Introduction to Agricultural Marketing Credit Hour(s): 3
- AECO 2265 - Agricultural Marketing Practicum 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 Agricultural 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 - Problem Solving in Agricultural Technology and Systems Management (ATSM) 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 2113 - Power Equipment II Credit Hour(s): 3
- AENT 3200 - Drainage, Irrigation, and Erosion Control Credit Hour(s): 3
- AGED 2290 - Experiential Learning Credit Hour(s): 3
- AGED 3030 - Floral Management Credit Hour(s): 3
- AGED 3900 - Leadership in Agriculture Credit Hour(s): 3
- AGED 4890 - Special Topics in Agricultural Education Credit Hour(s): 3
- **OR**
- AGED 4891 - Special Topics in Agricultural Education Credit Hour(s): 3
- **OR**
- AGED 4892 - Special Topics in Agricultural Education Credit Hour(s): 3
- AGRI 4790A - Agricultural Internship 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
- 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 2020 - Soils and Fertilizers 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 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
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3
- COMM 2100 - Interpersonal Communication Credit Hour(s): 3
- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- CHEM 1211 - Principles of Chemistry I Credit Hour(s): 3 AND  
CHEM 1211L - Principles of Chemistry I Laboratory Credit Hour(s): 1
- EDUC 3140 - Education in Rural Contexts Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- FRSC 1190 - Natural Resource Conservation Credit Hour(s): 3
- FRSC 3910 - Forestry for Educators Credit Hour(s): 3
- FRSC 3920 - Wildlife Management for Educators Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science 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 one PE activity course.

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

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## Minor

### Minor in Agricultural Education

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. A minor may be earned simultaneously with or subsequently to earning a bachelor degree. Courses taken in Core Areas A through E may not be counted as course work in the minor.

### Lower Level: 9 hours

- 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

### Upper Level: 9 hours

- AGED 3900 - Leadership in Agriculture Credit Hour(s): 3
- EDUC 4350 - Curriculum Development Credit Hour(s): 3
- EDUC 4360 - Pedagogy and Instructional Methods Credit Hour(s): 3

## Department of Forest Resources

### 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 1180 - Quantitative Methods 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: 54 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
- 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 6 Hours from the Following:

- 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 4790A - 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 one PE activity course.

**Notes:**

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.

- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## 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.

ABAC's Bachelor of Science in Natural Resource Management (Forestry track) is accredited by the Society of American Foresters (SAF). SAF is the national organization responsible for accreditation of post-secondary degree-awarding programs in forestry in the U.S.

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): 3
  - FRSC 2280 - Forest Harvesting Credit Hour(s): 2
  - FRSC 1180 - Quantitative Methods in Forest Resources Credit Hour(s): 3
  - 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 4790A - Forest Resources Internship Credit Hour(s): 3
- FRSC 4590 - Forest Issues Credit Hour(s): 3
- FRSC 4300 - Urban Forestry Credit Hour(s): 3

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

Plus PHED 1100 and one PE activity course.

**Notes:**

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## **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.

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

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 1180 - Quantitative Methods 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 Hours from the Following:

- 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 4790A - 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 one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## 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.

- Agricultural Communication, B.S.
- Degree: Biology, BS
- History and Government, B.S.
- Degree: Rural Community Development, BS
- Writing and Communication, B.S.
- Music, A.F.A.M.
- Associate of Arts, A.A.
- Associate of Science, A.S.

## 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 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 - Introduction to 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 2010 - Introduction to Animal Science Credit Hour(s): 3
- ASLH 2203 - Elements of Dairying Credit Hour(s): 3
- HORT 2201 - Principles of Plant Science Credit Hour(s): 3

### Choose 9 Hours from the Following:

Choose 9 credit hours from the following list of courses not used elsewhere in the core or 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 - Introduction to 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 2010 - Introduction to Animal Science Credit Hour(s): 3
- ASLH 2203 - Elements of Dairying Credit Hour(s): 3
- BUSA 2105 - Communicating in the Business Environment Credit Hour(s): 3
- CISM 2100 - Spreadsheet Applications 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

## 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
- AGCM 3000 - Introduction to Agricultural Communication Credit Hour(s): 3
- **OR**  
RLST 3000 - Introduction to Rural Studies Credit Hour(s): 3
- **OR** RCDV 3000 - Introduction to Rural Community Development Credit Hour(s): 3
- AGCM 4790A - Agricultural Communication Internship Credit Hour(s): 3
- **OR**  
AGCM 4790B - Agricultural Communication Internship Credit Hour(s): 3
- **OR**  
AGCM 4790C - Agricultural Communication Internship Credit Hour(s): 3
- AGCM 4791 - Agricultural Communication Internship Credit Hour(s): 6
- **OR**  
AGCM 4792 - Agricultural Communication Internship Credit Hour(s): 9
- AGCM 4980 - Capstone: Senior Project Credit Hour(s): 3
- **OR**  
AGCM 4990 - Capstone Seminar Credit Hour(s): 3

## Major Elective Courses: 30 hours

Choose 30 hours from the following:



- AGCM 4400 - Online Media Management Credit Hour(s): 3
- AGED 4340 - Community Programs in Agriculture Credit Hour(s): 3
- CISM 3100 - Data Analytics 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
- COMM 4000 - Issues in Mass Media Credit Hour(s): 3
- COMM 4210 - Communication Ethics Credit Hour(s): 3
- COMM 4300 - Communicating Science to a Non-Technical Audience Credit Hour(s): 3
- COMM 4500 - Persuasive Communication Credit Hour(s): 3
- COMM 4890 - Special Topics in Communication Credit Hour(s): 3
- **OR**
- COMM 4891 - Special Topics in Communication Credit Hour(s): 3
- **OR**
- 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 - Creative Nonfiction 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
- **OR**
- ENGL 4891 - Special Topics in English Credit Hour(s): 3
- **OR**
- ENGL 4892 - Special Topics in English Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food 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 Marketing Credit Hour(s): 3
- POLS 3570 - Introduction to Public Policy Credit Hour(s): 3
- POLS 4080 - Political Communication Credit Hour(s): 3
- RCDV 3050 - Practical Applications in Community Organizations Credit Hour(s): 3
- RESM 3060 - Introduction to Research Methods Credit Hour(s): 3
- RESM 3065 - Community Research Methods Credit Hour(s): 3
- WRCM 4020 - Proposal and Grant Writing Credit Hour(s): 3

## Agriculture Elective Courses: 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 Agricultural 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 3700A or GLST 3700B Global Experiential Learning.

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).

- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## Writing and Communication, B.S.

The Writing and Communication degree prepares students for careers in journalism, broadcasting, mass media, law, publishing, public relations, and related fields. Coursework and internships emphasize the need for clear communication and media literacy. The major emphasizes critical thinking skills, encourages creative problem solving, and provides an avenue for self-knowledge, cultural understanding, and social responsibility. Graduates are prepared to enter professional or graduate school and work in public and private sector communication departments such as government agencies, hospitals, non-profit organizations, or businesses that deal with local, regional, and global issues.

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

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

### Area F Courses: 12 hours

- COMM 2300 - Communications Theory and Research Credit Hour(s): 3
- COMM 1100 - Human Communication Credit Hour(s): 3
- **OR**  
COMM 1110 - Public Speaking Credit Hour(s): 3
- COMM 2100 - Interpersonal Communication Credit Hour(s): 3
- **OR**  
MATH 1401 - Elementary Statistics Credit Hour(s): 3
- ENGL 2401 - Introduction to Creative Writing Credit Hour(s): 3
- **OR**  
ENGL 2402 - Writing Narrative Nonfiction Credit Hour(s): 3
- **OR**  
JRNL 2510 - News Writing and Reporting Credit Hour(s): 3
- **OR**  
JRNL 2610 - Introduction to Broadcasting Credit Hour(s): 3

### Area F Electives: 6 hours

Choose 6 hours from the following list of courses not taken in other areas of the core. Consult your advisor for guidance.

- ARTS 2030 - Computer Arts Credit Hour(s): 3
- CSCI 1100 - Introduction to Computing Credit Hour(s): 3
- COMM 2100 - Interpersonal Communication 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
- 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 1401 - Elementary Statistics 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 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: 24-30 hours

A minimum grade of C is required in these courses.

- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- COMM 4000 - Issues in Mass Media Credit Hour(s): 3
- COMM 4210 - Communication Ethics Credit Hour(s): 3
- ENGL 3030 - Rhetoric Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- WRCM 3000 - Introduction to Writing and Communication Credit Hour(s): 3
- OR**
- RLST 3000 - Introduction to Rural Studies Credit Hour(s): 3
- WRCM 4790A - Writing and Communication Internship Credit Hour(s): 3
- OR**
- WRCM 4790B - Writing and Communication Internship Credit Hour(s): 3
- OR**
- WRCM 4790C - Writing and Communication Internship Credit Hour(s): 3
- OR**
- WRCM 4791 - Writing and Communication Internship Credit Hour(s): 6
- OR**
- WRCM 4792 - Writing and Communication Internship Credit Hour(s): 9
- WRCM 4980 - Capstone: Senior Project Credit Hour(s): 3
- OR**
- WRCM 4990 - Capstone Seminar Credit Hour(s): 3

## Major Elective Courses: 21 hours

Choose 21 hours from the following.

- COMM 3325 - Intercultural Communication Credit Hour(s): 3
- COMM 3850 - Introduction to Public Relations Credit Hour(s): 3
- COMM 4300 - Communicating Science to a Non-Technical Audience Credit Hour(s): 3
- COMM 4400 - Online Media Management Credit Hour(s): 3

- COMM 4500 - Persuasive Communication Credit Hour(s): 3
- COMM 4890 - Special Topics in Communication Credit Hour(s): 3
- OR**
- COMM 4891 - Special Topics in Communication Credit Hour(s): 3
- OR**
- 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 3050 - Creative Nonfiction 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
- OR**
- ENGL 4891 - Special Topics in English Credit Hour(s): 3
- OR**
- ENGL 4892 - Special Topics in English Credit Hour(s): 3
- JRNL 3125 - Writing for the Contemporary Media Credit Hour(s): 3
- JRNL 3610 - Advanced Broadcasting Credit Hour(s): 3
- POLS 4080 - Political Communication Credit Hour(s): 3
- RESM 3050 - Historical Methods and Skills Credit Hour(s): 3
- RESM 3060 - Introduction to Research Methods Credit Hour(s): 3
- WRCM 4020 - Proposal and Grant Writing Credit Hour(s): 3

## General Elective Courses: 9-15 hours

Must be comprised of courses numbered 3000 or above with AGCM, COMM, ENGL, JRNL, HIST, MKTG, POLS, RESM, RCDV, WRCM prefixes and not used in the above areas, or GLST 3700A or GLST 3700B - Global Experiential Learning.

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).

- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level 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 A2 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 (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 - Area D Non-science 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 Courses: 32 hours

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

\*\*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 1182A, MUSC 1182B, MUSC 2282A and MUSC 2282B.

- MUSC 1134 - Music Theory I Credit Hour(s): 3 \* AND  
MUSC 1134L - Aural and Sight-Singing Lab I Credit Hour(s): 1 AND  
MUSC 1001A - Secondary Piano (For Non-Keyboard Music Majors) I Credit Hour(s): 1 \*\* AND  
MUSC 1182A - Applied Music Credit Hour(s): 2 \*\*\* AND  
MUSC 1005 - Music Concert Attendance Credit Hour(s): 0
- MUSC 1135 - Music Theory II Credit Hour(s): 3 \* AND  
MUSC 1135L - Aural and Sight-Singing Lab II Credit Hour(s): 1 AND  
MUSC 1001B - Secondary Piano (For Non-Keyboard Music Majors) II Credit Hour(s): 1 \*\* AND  
MUSC 1182B - Applied Music Credit Hour(s): 2 \*\*\* AND  
MUSC 1005 - Music Concert Attendance Credit Hour(s): 0
- MUSC 2234 - Music Theory III Credit Hour(s): 3 \* AND  
MUSC 2234L - Aural and Sight-Singing Lab III Credit Hour(s): 1 AND  
MUSC 1001C - Secondary Piano (For Non-Keyboard Music Majors) III Credit Hour(s): 1 \*\* AND  
MUSC 2282A - Applied Music Credit Hour(s): 2 \*\*\* AND  
MUSC 1005 - Music Concert Attendance Credit Hour(s): 0
- MUSC 2235 - Music Theory IV Credit Hour(s): 3 \* AND  
MUSC 2235L - Aural and Sight-Singing Lab IV Credit Hour(s): 1 AND  
MUSC 1001D - Secondary Piano (For Non-Keyboard Music Majors) IV Credit Hour(s): 1 \*\* AND  
MUSC 2282B - Applied Music Credit Hour(s): 2 \*\*\* AND  
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\*\*

Total Hours Required for the Degree: 60 hours

Plus PHED 1100 and one PE activity course.

## **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, using Area D Non-Science option.

### **Area F Courses: 18 hours**

### **Required Courses: 9 hours**

- HIST 1112 - World History II Credit Hour(s): 3  
**OR**  
POLS 2401 - Global Issues 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
- POLS 2101 - Introduction to Political Science Credit Hour(s): 3

### **Choose 9 Hours from the Following:**

Choose 9 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
- ACCT 2102 - Principles of Accounting II Credit Hour(s): 3
- ARTS 1100 - Art Appreciation (previously ARTS 2213) Credit Hour(s): 3
- ARTS 2211 - Art History I Credit Hour(s): 3
- ARTS 2212 - Art History II 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 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 2222 - Western World Humanities II Credit Hour(s): 3
- JRNL 1101 - Introduction To Mass Media Credit Hour(s): 3
- MATH 1401 - Elementary Statistics Credit Hour(s): 3 (strongly encouraged)
- MUSC 1100 - Music Appreciation Credit Hour(s): 3
- POLS 2201 - State and Local Government Credit Hour(s): 3
- POLS 2210 - American Constitutional Law 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: 9 hours

A minimum grade of C is required in these courses.

- HIST 4790A - History Internship Credit Hour(s): 3  
**OR**  
POLS 4790A - Political Science Internship Credit Hour(s): 3
- RESM 3050 - Historical Methods and Skills Credit Hour(s): 3  
**OR**  
RESM 3060 - Introduction to Research Methods Credit Hour(s): 3
- RLST 4980 - Capstone: Senior Project Credit Hour(s): 3  
**OR**  
RLST 4990 - Capstone Seminar Credit Hour(s): 3

## History Courses: 18 hours

A minimum grade of C is required in these courses.

Choose 18 hours from the following.

- HIST 3000 - History of Rural America Credit Hour(s): 3
- HIST 3050 - Empires and Borderlands Credit Hour(s): 3
- HIST 3100 - Introduction to Public History Credit Hour(s): 3

- HIST 3200 - Civil War Era America Credit Hour(s): 3
- HIST 3280 - Farms, Factories, and Food Credit Hour(s): 3
- HIST 3400 - History of Women in America Credit Hour(s): 3
- HIST 4020 - Military History of the United States 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 4350 - The Latino Experience in the Americas Credit Hour(s): 3
- HIST 4890 - Special Topics in History Credit Hour(s): 3
- **OR**
- HIST 4891 - Special Topics in History Credit Hour(s): 3
- **OR**
- HIST 4892 - Special Topics in History Credit Hour(s): 3

## Political Science Courses: 18 hours

A minimum grade of C is required in these courses.

Choose 18 hours from the following.

- POLS 3050 - Rural Political Development in America (RPD) Credit Hour(s): 3
- POLS 3060 - Political Thought: Foundations of the Modern World Credit Hour(s): 3
- POLS 3065 - Political Thought: From Agrarian to Cosmopolitan Credit Hour(s): 3
- POLS 3100 - American Political Institutions Credit Hour(s): 3
- POLS 3200 - Parties and Elections Credit Hour(s): 3
- POLS 3400 - American Law and Politics Credit Hour(s): 3
- POLS 3570 - Introduction to Public Policy Credit Hour(s): 3
- POLS 4080 - Political Communication Credit Hour(s): 3
- POLS 4210 - Constitutional Law: Civil Rights and Liberties 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
- **OR**
- POLS 4891 - Special Topics in Political Science Credit Hour(s): 3
- **OR**
- POLS 4892 - Special Topics in Political Science Credit Hour(s): 3

## General Elective Courses: 15 hours

Minimum grade of C is required in these courses.

Choose 15 hours from any 3000- or 4000-level courses listed above or below or with COMM, ECON, EDUC, ENGL, PADM, PSYC, or SOCI prefixes and not previously used.

- AECO 4710 - Food and Agricultural Policy Credit Hour(s): 3
- GLST 3700A - Global Experiential Learning Credit Hour(s): 3
- GLST 3700B - Global Experiential Learning Credit Hour(s): 3

- HSCI 3070 - Issues in Rural Health Credit Hour(s): 3
- JRNL 3125 - Writing for the Contemporary Media Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3
- MUSC 4300 - American Popular Music: A Multicultural Study Credit Hour(s): 3
- RESM 3065 - Community Research Methods Credit Hour(s): 3

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

Plus PHED 1100 and one PE activity course.

**Notes:**

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## **Department of Rural Studies**

### **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, using Area D Non-Science option.

#### **Area F Courses: 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
- CRJU 2210 - Juvenile Procedures 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 1401 - Elementary 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
- RCDV 3000 - Introduction to Rural Community Development Credit Hour(s): 3
- **OR**
- RLST 3000 - Introduction to Rural Studies Credit Hour(s): 3
- RCDV 4790A - Rural Community Development Internship Credit Hour(s): 3
- **OR**
- RCDV 4790B - Rural Community Development Internship Credit Hour(s): 3
- **OR**

- RCDV 4790C - Rural Community Development Internship Credit Hour(s): 3
- OR**
- RCDV 4791 - Rural Community Development Internship Credit Hour(s): 6
- OR**
- RCDV 4792 - Rural Community Development Internship Credit Hour(s): 9
- RCDV 4980 - Capstone: Senior Project Credit Hour(s): 3
- OR**
- RCDV 4990 - Capstone Seminar Credit Hour(s): 3
- OR**
- RLST 4980 - Capstone: Senior Project Credit Hour(s): 3
- OR**
- RLST 4990 - Capstone Seminar Credit Hour(s): 3

## Major Elective Courses: 24 hours

- COMM 3850 - Introduction to Public Relations Credit Hour(s): 3
- ENGL 3010 - Technical Writing Credit Hour(s): 3
- OR**
- ENGL 4040 - Writing in the Health Professions Credit Hour(s): 3
- HSCI 3050 - Introduction to Healthcare Information Technology 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 4050 - Healthcare Financing and Insurance Credit Hour(s): 3
- RESM 3060 - Introduction to Research Methods Credit Hour(s): 3
- OR**
- RESM 3065 - Community Research Methods 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
- OR**
- HSCI 4891 - Special Topics in Community Health Credit Hour(s): 3
- OR**
- HSCI 4892 - Special Topics in Community Health Credit Hour(s): 3
- GLST 3700A - Global Experiential Learning Credit Hour(s): 3
- OR**
- GLST 3700B - 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
- 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

- WRCM 4020 - Proposal and Grant Writing Credit Hour(s): 3

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level 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 Courses: 18 hours

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

- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3 AND BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3 AND BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1
- CISM 2201 - Fundamentals of Computer Applications Credit Hour(s): 3

- COMM 2100 - Interpersonal Communication Credit Hour(s): 3
- CRJU 1100 - Introduction to Criminal Justice Credit Hour(s): 3
- CRJU 1150 - Drugs in American Society Credit Hour(s): 3
- CRJU 1170 - Introduction to Corrections, Probation & Parole Credit Hour(s): 3
- CRJU 2210 - Juvenile Procedures Credit Hour(s): 3
- CRJU 2230 - Introduction to Crime Theories 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 2130 - Exploring Learning and Teaching Credit Hour(s): 3
- GNDR 1101 - Introduction to Gender Studies 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
- HUSC 2114 - Wellness and Human Experiences Credit Hour(s): 3
- MATH 1401 - Elementary Statistics Credit Hour(s): 3
- POLS 2201 - State and Local Government 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 2293 - Introduction to Marriage And Family Credit Hour(s): 3
- SOCI 2500 - Class, Race and Gender Stratification Credit Hour(s): 3
- Foreign Language 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
- RCDV 3000 - Introduction to Rural Community Development Credit Hour(s): 3
- OR**
- RLST 3000 - Introduction to Rural Studies Credit Hour(s): 3
- RCDV 4790A - Rural Community Development Internship Credit Hour(s): 3
- OR**
- RCDV 4790B - Rural Community Development Internship Credit Hour(s): 3
- OR**
- RCDV 4790C - Rural Community Development Internship Credit Hour(s): 3
- OR**
- RCDV 4791 - Rural Community Development Internship Credit Hour(s): 6
- OR**
- RCDV 4792 - Rural Community Development Internship Credit Hour(s): 9

- RCDV 4980 - Capstone: Senior Project Credit Hour(s): 3  
**OR**  
RCDV 4990 - Capstone Seminar Credit Hour(s): 3  
**OR**  
RLST 4980 - Capstone: Senior Project Credit Hour(s): 3  
**OR**  
RLST 4990 - Capstone Seminar Credit Hour(s): 3

## Major Elective Courses: 30 hours

- RESM 3060 - Introduction to Research Methods Credit Hour(s): 3  
**OR**  
RESM 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
- HSCI 3070 - Issues in Rural Health 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
- RCDV 3050 - Practical Applications in Community Organizations 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  
**OR**  
SOCI 4891 - Special Topics in Sociology Credit Hour(s): 3  
**OR**  
SOCI 4892 - Special Topics in Sociology Credit Hour(s): 3
- WRCM 4020 - Proposal and Grant Writing 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 3700A or GLST 3700B - Global Experiential Learning.

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level 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 and CHEM 1212/CHEM 1212L 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 AND  
BIOL 1107L - Principles of Biology I Laboratory Credit Hour(s): 1
- BIOL 1108 - Principles of Biology II Credit Hour(s): 3 AND  
BIOL 1108L - Principles of Biology II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3 AND  
CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3
- MATH 1401 - Elementary Statistics Credit Hour(s): 3

## Required Courses for the Major: 37 hours

A minimum grade of C is required in these courses.

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

## Track Courses: 20 hours

A minimum grade of C is required in these courses.

- BIOL 3000 - Introduction to Biostatistics Credit Hour(s): 3
- BIOL 3101 - Biochemistry II Credit Hour(s): 3 AND  
BIOL 3101L - Biochemistry II Laboratory Credit Hour(s): 1
- BIOL 3102 - Advanced Biochemistry (Biochemistry III) Credit Hour(s): 3
- BIOL 4305K - Instrumental Analysis Credit Hour(s): 4
- BIOL 4600 - Biological Research Methods Credit Hour(s): 2
- CHEM 2800 - Quantitative Analytical Chemistry Credit Hour(s): 3 AND  
CHEM 2800L - Quantitative Analytical Chemistry Laboratory Credit Hour(s): 1

## Elective Courses: 3 hours

A minimum grade of C is required in these courses.

- BIOL 3250 - Toxicology Credit Hour(s): 3
- BIOL 3401 - Medical Ethics Credit Hour(s): 3
- BIOL 4150K - Neuroscience Credit Hour(s): 4
- BIOL 4601 - Biological Research Credit Hour(s): 2
- CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1
- 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

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## Biology, Biological Sciences track, B.S.

The Biological Sciences 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

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

- BIOL 1107 - Principles of Biology I Credit Hour(s): 3 AND BIOL 1107L - Principles of Biology I Laboratory Credit Hour(s): 1
- BIOL 1108 - Principles of Biology II Credit Hour(s): 3 AND BIOL 1108L - Principles of Biology II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3 AND CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3
- MATH 1401 - Elementary Statistics Credit Hour(s): 3

## Required Courses for the Major: 37 hours

A minimum grade of C is required in these courses.

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

- BIOL 2070K - Botany Credit Hour(s): 4
- BIOL 2080K - General Zoology Credit Hour(s): 4
- BIOL 3100 - Introductory Biochemistry and Molecular Biology Credit Hour(s): 4
- BIOL 3200K - Genetics Credit Hour(s): 4
- BIOL 3350K - Principles of Ecology & Evolution Credit Hour(s): 4
- BIOL 3500K - Introductory Microbiology Credit Hour(s): 4
- BIOL 3800K - Plant Anatomy Credit Hour(s): 4
- **OR**  
BIOL 3850K - Comparative Vertebrate Anatomy Credit Hour(s): 4
- BIOL 4100K - Cell & Molecular Biology Credit Hour(s): 4
- BIOL 4200K - Plant Physiology Credit Hour(s): 4
- **OR**  
BIOL 4250K - Animal Physiology Credit Hour(s): 4
- BIOL 4900 - Senior Project Credit Hour(s): 1

## Track Courses Required: 5 hours

A minimum grade of C is required in these courses.

- BIOL 3000 - Introduction to Biostatistics Credit Hour(s): 3
- BIOL 4600 - Biological Research Methods Credit Hour(s): 2

## Track Courses Electives: 18 hours

A minimum grade of C is required in these courses.

Choose 18 hours from the following (a minimum of 5 hours must be 3000- 4000- level courses).

- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3 AND BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3 AND BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1

- BIOL 3030K - Mycology Credit Hour(s): 4
- BIOL 3040K - Plant Pathology Credit Hour(s): 4
- BIOL 3060K - Entomology Credit Hour(s): 4
- BIOL 3070K - Animal Behavior Credit Hour(s): 4
- BIOL 3090K - Invertebrate Zoology Credit Hour(s): 4
- BIOL 3101 - Biochemistry II Credit Hour(s): 3 AND  
BIOL 3101L - Biochemistry II Laboratory Credit Hour(s): 1
- BIOL 3102 - Advanced Biochemistry (Biochemistry III) Credit Hour(s): 3
- BIOL 3180K - Field Botany Credit Hour(s): 4
- BIOL 3221 - Nutrition & Metabolism Credit Hour(s): 3
- BIOL 3250 - Toxicology Credit Hour(s): 3
- BIOL 3401 - Medical Ethics Credit Hour(s): 3
- BIOL 3402 - Kinesiology Credit Hour(s): 3
- BIOL 3450 - Principles of Nutrition Credit Hour(s): 3
- BIOL 3770 - Ornithology Credit Hour(s): 3
- BIOL 3800K - Plant Anatomy Credit Hour(s): 4
- **OR**  
BIOL 3850K - Comparative Vertebrate Anatomy Credit Hour(s): 4
- BIOL 3880 - Herpetology Credit Hour(s): 3
- BIOL 4150K - Neuroscience Credit Hour(s): 4
- BIOL 4200K - Plant Physiology Credit Hour(s): 4
- **OR**  
BIOL 4250K - Animal Physiology Credit Hour(s): 4
- BIOL 4300K - Parasitology Credit Hour(s): 4
- BIOL 4350 - Population Genetics Credit Hour(s): 3
- BIOL 4400K - Immunology Credit Hour(s): 4
- BIOL 4510 - Vertebrate Natural History Credit Hour(s): 3
- BIOL 4550K - Tropical Ecology and Natural History Credit Hour(s): 4
- BIOL 4601 - Biological Research Credit Hour(s): 2
- BIOL 4790A - Biology Internship Credit Hour(s): 3
- BIOL 4890 - Special Topics in Biology Credit Hour(s): 1 to 4
- **OR**  
BIOL 4891 - Special Topics in Biology Credit Hour(s): 1 to 4
- **OR**  
BIOL 4892 - Special Topics in Biology Credit Hour(s): 1 to 4
- CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1
- ENGL 3010 - Technical Writing Credit Hour(s): 3
- 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

- SCIE 1003 - Medical Terminology Credit Hour(s): 1

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

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

The Health Science 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 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 AND BIOL 1107L - Principles of Biology I Laboratory Credit Hour(s): 1
- BIOL 1108 - Principles of Biology II Credit Hour(s): 3 AND BIOL 1108L - Principles of Biology II Laboratory Credit Hour(s): 1
- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3 AND CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3

- MATH 1401 - Elementary Statistics Credit Hour(s): 3

## Required Courses for the Major: 37 hours

A minimum grade of C is required in these courses.

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

## Track Courses: 19 hours

A minimum grade of C is required in these courses.

- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3 AND BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3 AND BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1
- BIOL 3000 - Introduction to Biostatistics Credit Hour(s): 3
- BIOL 3401 - Medical Ethics Credit Hour(s): 3
- BIOL 4600 - Biological Research Methods Credit Hour(s): 2
- BIOL 4790A - Biology Internship Credit Hour(s): 3

## Elective Courses: 4 hours

A minimum grade of C is required in these courses.

Choose 4 hours from the following.

- BIOL 3250 - Toxicology Credit Hour(s): 3
- BIOL 3402 - Kinesiology Credit Hour(s): 3
- BIOL 3403K - Exercise Physiology Credit Hour(s): 4
- BIOL 3450 - Principles of Nutrition Credit Hour(s): 3
- BIOL 4260 - Pathophysiology Credit Hour(s): 3
- BIOL 4150K - Neuroscience Credit Hour(s): 4
- BIOL 4300K - Parasitology Credit Hour(s): 4
- BIOL 4400K - Immunology Credit Hour(s): 4
- BIOL 4601 - Biological Research Credit Hour(s): 2
- BIOL 4602 - Research Methods for Health Science Credit Hour(s): 2
- BIOL 4890 - Special Topics in Biology Credit Hour(s): 1 to 4

**OR**

BIOL 4891 - Special Topics in Biology Credit Hour(s): 1 to 4

**OR**

BIOL 4892 - Special Topics in Biology Credit Hour(s): 1 to 4

- CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1
- PSYC 2201 - Introduction to Abnormal Behavior Credit Hour(s): 3

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level 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

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

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



- CHEM 2040 - Fundamental Organic Chemistry I Credit Hour(s): 3 AND CHEM 2040L - Fundamental Organic Chemistry I Laboratory Credit Hour(s): 1
- CHEM 2041 - Fundamental Organic Chemistry II Credit Hour(s): 3
- MATH 1401 - Elementary Statistics Credit Hour(s): 3

## Required Courses for the Major: 37 hours

A minimum grade of C is required in these courses.

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

## Track Courses: 13 hours

A minimum grade of C is required in these courses.

- BIOL 3000 - Introduction to Biostatistics Credit Hour(s): 3
- BIOL 4600 - Biological Research Methods Credit Hour(s): 2
- 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 Courses: 10 hours

A minimum grade of C is required in these courses.

Choose 10 hours from the following. A minimum of 5 hours must be 3000/4000 level.

- ASLH 2010 - Introduction to Animal Science Credit Hour(s): 3
- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3 AND BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3 AND BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1

- BIOL 3030K - Mycology Credit Hour(s): 4
- BIOL 3060K - Entomology Credit Hour(s): 4
- BIOL 3070K - Animal Behavior Credit Hour(s): 4
- BIOL 3090K - Invertebrate Zoology Credit Hour(s): 4
- BIOL 3101 - Biochemistry II Credit Hour(s): 3 AND  
BIOL 3101L - Biochemistry II Laboratory Credit Hour(s): 1
- BIOL 3102 - Advanced Biochemistry (Biochemistry III) Credit Hour(s): 3
- BIOL 3221 - Nutrition & Metabolism Credit Hour(s): 3
- BIOL 3250 - Toxicology Credit Hour(s): 3
- BIOL 3401 - Medical Ethics Credit Hour(s): 3
- BIOL 3402 - Kinesiology Credit Hour(s): 3
- BIOL 3450 - Principles of Nutrition Credit Hour(s): 3
- BIOL 3880 - Herpetology Credit Hour(s): 3
- BIOL 4150K - Neuroscience Credit Hour(s): 4
- BIOL 4300K - Parasitology Credit Hour(s): 4
- BIOL 4350 - Population Genetics Credit Hour(s): 3
- BIOL 4400K - Immunology Credit Hour(s): 4
- BIOL 4510 - Vertebrate Natural History Credit Hour(s): 3
- BIOL 4550K - Tropical Ecology and Natural History Credit Hour(s): 4
- BIOL 4601 - Biological Research Credit Hour(s): 2
- BIOL 4790A - Biology Internship Credit Hour(s): 3
- BIOL 4890 - Special Topics in Biology Credit Hour(s): 1 to 4
- OR**
- BIOL 4891 - Special Topics in Biology Credit Hour(s): 1 to 4
- OR**
- BIOL 4892 - Special Topics in Biology Credit Hour(s): 1 to 4
- CHEM 2041L - Fundamental Organic Chemistry II Laboratory Credit Hour(s): 1
- ENGL 3010 - Technical Writing Credit Hour(s): 3
- SCIE 1003 - Medical Terminology Credit Hour(s): 1

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).

- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level 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.

- Nursing, RN to BSN Completion track, B.S.N.
- Degree: Nursing, ASN

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

#### **Required Courses: 70 hours**

A minimum grade of C is required in all courses counting toward degree completion.

- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3 \* AND BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3 \* AND BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1

- BIOL 2050 - Microbiology and Health Care Credit Hour(s): 3 AND  
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
- Area C Elective: Choose one course from Area C of the Core Curriculum 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 - Fundamentals Credit Hour(s): 6
- NURS 1109 - Health & Physical Assessment Credit Hour(s): 3
- NURS 1110 - Medical/Surgical One Credit Hour(s): 6
- NURS 1116 - Mental Health Nursing Credit Hour(s): 0 [Fall 2018] 2 [Spring 2019]
- NURS 2207 - Medical/Surgical Two Credit Hour(s): 6
- NURS 2208 - Maternal-Child & Women's Health Credit Hour(s): 4 [Fall 2018] | 3 [Spring 2019]
- NURS 2209 - Pediatrics Credit Hour(s): 4 [Fall 2018] | 3 [Spring 2019]
- NURS 2210 - Medical/Surgical Three Credit Hour(s): 6
- Successful completion of the Competency Validation Exit Exam

## Total Hours Required for the Degree: 70 hours

Plus, one PE activity course is required. Wellness courses do not fulfill the PE requirement.

\*Prior to taking Nursing Courses in the Generic track, these courses must be completed with a minimum grade of C.

## **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

A minimum grade of C is required in all courses counting toward degree completion.

- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3 \* AND

- BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1 \*
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3 \* AND BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1 \*
- BIOL 2050 - Microbiology and Health Care Credit Hour(s): 3 \* AND 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 \*
- Area C Elective: Choose one course from Area C of the Core Curriculum 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 1109B - Health & Physical Assessment Credit Hour(s): 3
- NURS 1115B - Transition to Associate Degree Nursing Credit Hour(s): 3
- NURS 1116B - Mental Health Nursing Credit Hour(s): 0 [Fall 2018, Spring 2019] 2 [Summer 2019]
- NURS 2207B - Medical/Surgical Two Credit Hour(s): 6
- NURS 2208B - Maternal-Child & Women's Health Credit Hour(s): 4 [Fall 2018, Spring 2019] | 3 [Summer 2019]
- NURS 2209B - Pediatrics Credit Hour(s): 4 [Fall 2018] | 3 [Spring 2019]
- NURS 2210B - Medical/Surgical Three Credit Hour(s): 6
- Successful completion of the Competency Validation Exit Exam

## Total Hours Required for the Degree: 61 hours

Plus, one PE activity course is 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.

\*Prior to taking Nursing Courses in the One-Year Registered Nurse (Bridge) track, these courses must be completed with a minimum grade of C.

State approval of a program to offer Alabama licensed nurses' opportunities for advanced degrees does not indicate eligibility for approval to practice as an advanced practice nurse in Alabama. Applicants for approval in Alabama are required to meet the Alabama requirements for national certification, graduation from a specific-type program for the advanced practice approval, and completion of the appropriate application. Any program offering a pre-licensure track to Alabama students shall meet the requirements of the Alabama regulations for pre-licensure programs or the graduates may not be eligible to take the national licensure examination required by the Alabama Board of Nursing to enter the practice.

## **Bachelor of Science in Nursing**

## **Nursing, RN to BSN Completion track, 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.

A minimum grade of C is required in all Core Curriculum courses (Areas A-E).

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

See ABAC Core Curriculum, using Area D Science option.

### **Area F Courses: 18 hours**

A minimum grade of C is required in these courses.

- BIOL 2011 - Human Anatomy and Physiology I Credit Hour(s): 3 AND BIOL 2011L - Human Anatomy and Physiology I Laboratory Credit Hour(s): 1
- BIOL 2012 - Human Anatomy and Physiology II Credit Hour(s): 3 AND BIOL 2012L - Human Anatomy and Physiology II Laboratory Credit Hour(s): 1
- BIOL 2050 - Microbiology and Health Care Credit Hour(s): 3 AND 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

### **Required Courses for the Major: 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 one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).
- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## The Stafford School of Business

At the Stafford School of Business, students gain a broad foundation of knowledge essential for a variety of positions in business, industry and government. We provide students with the concepts and tools needed for entry into the work force along with the analytical and communication skills essential for a successful career in today's dynamic business environment.

- Business, B.S.

### Bachelor of Science

### Business, B.S.

The Bachelor of Science in Business is designed to give students a solid foundation in business that enables them to provide managerial solutions to daily organizational issues. This degree creates team leaders who are capable of working ethically and effectively in a dynamic business setting. Experiential learning activities within the program improve their decision-making ability and develop the skills needed in today's global business environment.

Students in other majors may also earn a Minor in Business.

### 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
  - CISM 2100 - Spreadsheet Applications Credit Hour(s): 3
  - ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3
  - ECON 2106 - Principles of Microeconomics Credit Hour(s): 3
- OR**
- AEEO 2258 - Applied Economics Credit Hour(s): 3
  - MATH 1401 - Elementary Statistics Credit Hour(s): 3

## Required Courses for the Major: 45 hours

A minimum grade of C is required in these courses.

\*Student should complete 72 semester hours of course work and advisor approval before taking BUSA 4790A, BUSA 4790B, or BUSA 4790C.

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

\*\*\*Student should complete 72 semester hours of course work and receive approval from the Dean of the Stafford School of Business before taking BUSA 4791.

- BUSA 2106 - The Environment of Business Credit Hour(s): 3
- BUSA 3050 - Business Statistics Credit Hour(s): 3
- BUSA 3071 - Business Law Credit Hour(s): 3
- CISM 3100 - Data Analytics Credit Hour(s): 3
- MGMT 3130 - Principles of Management Credit Hour(s): 3
- MKTG 3131 - Principles of Marketing Credit Hour(s): 3
- FINA 3150 - Principles of Finance Credit Hour(s): 3
- MGMT 3610 - Operations Management Credit Hour(s): 3
- MGMT 3650 - Business Logistics Credit Hour(s): 3
- MGMT 3670 - Human Resource Management Credit Hour(s): 3
- MKTG 4100 - Social Media Marketing Credit Hour(s): 3
- MGMT 4190 - Strategic Management Credit Hour(s): 3
- BUSA 4790A - Business Internship Credit Hour(s): 3 \*
- MKTG 4800 - Marketing Management Credit Hour(s): 3
- BUSA 4980 - Capstone: Senior Project Credit Hour(s): 3 \*\*

## Major Elective Courses: 15 hours

A minimum grade of C is required in these courses.

\*Student should complete 72 semester hours of course work and advisor approval before taking BUSA 4790A, BUSA 4790B, or BUSA 4790C.

\*\*\*Student should complete 72 semester hours of course work and receive approval from the Dean of the Stafford School of Business before taking BUSA 4791.

Choose 15 hours from the following.



- COMM 3100 - Professional Communication Methods Credit Hour(s): 3
- ACCT 3200 - Small Business Accounting Credit Hour(s): 3
- MKTG 3340 - Consumer Behavior Credit Hour(s): 3
- MGMT 3620 - Service Management Credit Hour(s): 3
- BUSA 4000 - International Business Credit Hour(s): 3
- MGMT 4000 - Leadership and Ethics Credit Hour(s): 3
- ENGL 4010 - Introduction to Professional Writing Credit Hour(s): 3
- ECON 4105 - Banking and Finance Credit Hour(s): 3
- CISM 4130 - Management Information Systems Credit Hour(s): 3
- MGMT 4220 - Entrepreneurship Credit Hour(s): 3
- MKTG 4300 - Selling and Negotiating Credit Hour(s): 3
- MGMT 4435 - Management of Quality Credit Hour(s): 3
- MGMT 4690 - Organizational Behavior Credit Hour(s): 3
- MGMT 4760 - Supply Chain Management Credit Hour(s): 3
- BUSA 4790B - Business Internship Credit Hour(s): 3 \*
- OR**
- BUSA 4790C - Business Internship Credit Hour(s): 3
- BUSA 4791 - Business Internship Credit Hour(s): 6 \*\*\*
- MGMT 4890 - Special Topics in Management Credit Hour(s): 3
- OR**
- MGMT 4891 - Special Topics in Management Credit Hour(s): 3
- OR**
- MGMT 4892 - Special Topics in Management Credit Hour(s): 3
- MKTG 4890 - Special Topics in Marketing Credit Hour(s): 3
- OR**
- MKTG 4891 - Special Topics in Marketing Credit Hour(s): 3
- OR**
- MKTG 4892 - Special Topics in Marketing Credit Hour(s): 3

## Total Hours Required for the Degree: 120 hours

Plus PHED 1100 and one PE activity course.

### Notes:

- Students should follow their advisor's recommendations for appropriate selections in Core Curriculum Area A1, Area A2, and Area D.
- Credit toward graduation not allowed for the following combinations of science courses:
  - Principles of Biology and non-Science Biology courses (see Biology Course Descriptions for specifics),
  - Principles of Chemistry and non-Science Chemistry courses (see Chemistry Course Descriptions for specifics), and
  - Principles of Physics and non-Science Physics courses (see Physics Course Descriptions for specifics).
- The maximum number of hours that will be awarded for credit for completion of internships is 9 credit hours.
- When a course is authorized in multiple areas of a degree program, students completing the course to meet requirements of one area must take a different course in the subsequent area(s) to meet the requirements of the subsequent area(s) (i.e., No course can be counted multiple times in a degree program).

- A baccalaureate degree program requires at least 21 semester hours of upper division courses in the major field and at least 39 semester hours of upper division work overall. Upper division is defined as 3000- and 4000-level courses.

## Minor

### Minor in Business

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. A minor may be earned simultaneously with or subsequently to earning a bachelor degree. Courses taken in Core Areas A through E may not be counted as course work in the minor.

It is strongly recommended that students include the following in the core (Area A-E) courses: MATH 1111, ECON 2106 and MATH 1401. Students are responsible for ensuring they satisfy the prerequisites before taking any upper level Business course.

#### Lower Level: 6 hours

A minimum grade of C is required in these courses.

- ACCT 2101 - Principles of Accounting I Credit Hour(s): 3
- CISM 2100 - Spreadsheet Applications Credit Hour(s): 3

#### Lower Level Elective

A minimum grade of C is required.

- ACCT 2102 - Principles of Accounting II Credit Hour(s): 3
- BUSA 2106 - The Environment of Business Credit Hour(s): 3
- ECON 2105 - Principles of Macroeconomics Credit Hour(s): 3

#### Upper Level: 6 hours

A minimum grade of C is required in these courses.

- MGMT 3130 - Principles of Management Credit Hour(s): 3
- MKTG 3131 - Principles of Marketing Credit Hour(s): 3

#### Upper Level Elective: 3 hours

Choose 3 hours from the following. A minimum grade of C is required.

- ACCT 3200 - Small Business Accounting Credit Hour(s): 3
- BUSA 3050 - Business Statistics Credit Hour(s): 3
- BUSA 3071 - Business Law Credit Hour(s): 3
- BUSA 4000 - International Business Credit Hour(s): 3

- CISM 3100 - Data Analytics Credit Hour(s): 3
- CISM 4130 - Management Information Systems Credit Hour(s): 3
- ECON 4105 - Banking and Finance Credit Hour(s): 3
- FINA 3150 - Principles of Finance Credit Hour(s): 3
- MGMT 3610 - Operations Management Credit Hour(s): 3
- MGMT 3620 - Service Management Credit Hour(s): 3
- MGMT 3650 - Business Logistics 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
- MGMT 4220 - Entrepreneurship Credit Hour(s): 3
- MGMT 4435 - Management of Quality Credit Hour(s): 3
- MGMT 4690 - Organizational Behavior Credit Hour(s): 3
- MKTG 3340 - Consumer Behavior Credit Hour(s): 3
- MKTG 4100 - Social Media Marketing Credit Hour(s): 3
- MKTG 4300 - Selling and Negotiating Credit Hour(s): 3
- MGMT 4760 - Supply Chain Management Credit Hour(s): 3
- MKTG 4800 - Marketing Management Credit Hour(s): 3

## USG eCore

### Minors

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, nine semester hours of which must be 3000- or 4000-level courses. A minor may be earned simultaneously with or subsequently to earning a bachelor degree. Courses taken in Core Areas A through E cannot count as course work in the minor.

- Minor in Agribusiness
- Minor in Agricultural Education
- Minor in Agriculture
- Minor in Business
- Minor in Environmental Horticulture

### Information for Academic Programs

- Agribusiness
- Agricultural Communication
- Agricultural Education
- Agriculture
- Biology
- Business
- Environmental Horticulture
- History and Political Science
- Natural Resource Management

- Nursing
- Rural Community Development
- Writing and Communication

## Admissions

### Application Deadlines and Admissions Decisions

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

### Admissions Categories

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

CATEGORIES (R = Required)	Application	\$20 Non-Refundable Application Fee	Certificate of Immunization	Verification of Lawful Presence	Official Partial HS Transcript	Official SAT or ACT Scores	Official Final HS Transcript	Official College Transcript(s)	Official GED Scores	Placement Test Scores	Transient Permission Form
Section number for notes relative to required documents ►	1	2	3	4	5	6	7	8	9	10	11
<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	R	R	R	R			R	R		R	

attended college, or have fewer than 30 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>		

Dual Enrollment Student	R		R		R					R	
Post-baccalaureate student - students who have already earned a baccalaureate degree.	R	R	R	R				R			
Non-degree seeking student	R	R	R					R		R	
Transient student	R	R	R	R							R

**\*\*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: <https://dynamicforms.ngwebsolutions.com/Submit/Form/Start/cb6666ac-271a-4c82-a6e0-ce383bb9ffc2>.

### 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 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 submitted**

**using:** <https://dynamicforms.ngwebsolutions.com/Submit/Form/Start/8ce634ed-9df2-4d8f-9b5b-ed2f4316d47>. For questions regarding Immunizations, please call the Health Center at (229) 391-5030.

### 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 Birth Abroad issued by the Department of State (DS-1350) or a Consular Report of Birth Abroad (FS-240)
4. A current U.S. Passport
5. 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. Test scores older than 3 years will not be accepted.

## Section 11 - Transient Permission Form

Applicants wishing to attend ABAC as a transient student must obtain a transient permission letter from their home institution giving them permission to attend ABAC or showing that 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 [https://www.usg.edu/assets/student\\_affairs/documents/Staying\\_on\\_Course.pdf](https://www.usg.edu/assets/student_affairs/documents/Staying_on_Course.pdf) for more information on 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 score of 380 on Evidence Based Reading and Writing and 360 on the Math section **or** ACT 12 English or 12 Reading, **and** ACT Math of 14.



- Freshmen Index
  - The Freshmen Index considers students' performance in high school as well as their performance on the SAT or ACT. To be admitted, students must have a Freshmen Index of at least 1830, calculated as:  
 $FI = 500 \times (\text{HSGPA}) + 1.06 \times (\text{SAT Evidence-Based Reading and Writing section score} + \text{SAT Math section score}) - 74$   
 $FI = 500 \times (\text{HS GPA}) + (\text{ACT Composite} \times 42) + 88$
- 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
    - Students must submit official high school transcript up to the term last attended
  - SAT/ACT Scores
    - Students must satisfy the minimum SAT score of 380 on Evidence Based Reading and Writing and 360 on the Math section **or** ACT 12 English or 12 Reading, **and** ACT Math of 14.
- 4. Freshmen with GED who would have graduated from high school more than five (5) years ago and have never attended college, or have fewer than 30 transferable semester hours.
  - GED
    - Students must submit official GED scores.

## Homeschool Students

- Transcripts
  - Official transcripts from any conventional public/private high school and colleges attended
- SAT/ACT Scores
  - Students must satisfy the minimum SAT score of 380 on Evidence Based Reading and Writing and 360 on the Math section **or** ACT 12 English or 12 Reading, **and** ACT Math of 14.
- Copy of Declaration of Intent to Home School as filed with the local Board of Education submitted via <https://dynamicforms.ngwebsolutions.com/Login.aspx?ReturnUrl=%2fSubmit%2fForm%2fStart%2f7709255c-f33c-4f3d-a475-608324c67d5b>
- Completed Home School Preparatory Credit Evaluation Form and Supplemental Documentation and signed certification form submitted via <https://dynamicforms.ngwebsolutions.com/Login.aspx?ReturnUrl=%2fSubmit%2fForm%2fStart%2f7709255c-f33c-4f3d-a475-608324c67d5b>
- Letter from primary teacher certifying completion of high school and date of high school graduation submitted via <https://dynamicforms.ngwebsolutions.com/Login.aspx?ReturnUrl=%2fSubmit%2fForm%2fStart%2f7709255c-f33c-4f3d-a475-608324c67d5b>
- 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 satisfy the minimum SAT score of 380 on Evidence Based Reading and Writing and 360 on the Math section **or** ACT 12 English or 12 Reading, **and** ACT Math of 14.
- 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 located at <https://dynamicforms.ngwebsolutions.com/Submit/Form/Start/5e8b7208-833b-4184-a3bf-920fd64a720d>, and submitting bank statements for the past six months.

## Dual Enrollment Students

- ABAC provides academically-talented high school students opportunities to enroll in college-level coursework during high school.
- To participate, students must demonstrate that they are on-track to complete the USG's Required High School Curriculum (RHSC) and that the applicant is on track to graduate from a public school regulated by a school system and state department of education or a school accredited by one of the following approved accrediting bodies:
  - A regional accrediting association such as the Southern Association of Colleges and Schools
  - The Georgia Accrediting Commission
  - Georgia Private School Accrediting Council
- Students attending non-accredited homeschool programs or non-accredited high schools may also be eligible to participate if they meet all general admission requirements for Dual Enrollment and have validated they are on-track for completing the USG's RHSC according to the policies and procedures of the institution to which they are applying.
- Official High School Transcript
  - Students must have at least a minimum 3.0 High School Grade Point Average (HSGPA) as calculated by the institution for admission purposes and exempt Learning Support requirements.
- Scores
  - Students may submit ACCUPLACER scores for Dual Enrollment admission. The student must meet the minimum scores in the following areas:

- Reading: 237
- Math: 266
- WritePlacer: 4

## **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://apps.abac.edu/npc/2017-2018/>.

## 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	\$1,602.00
Georgia Resident, 14 or fewer hours	\$106.80 (per semester hour)
Nonresident, 15 or more hours	\$5,918.00
Nonresident, 14 or fewer hours	\$394.53 (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>

\*Bainbridge, Blakely and Donalsonville ONLY students do not have Athletic or Health Fees assessed.

\*\*eCore, Internship and/or Study Abroad ONLY students only have Institutional and Technology Fees assessed.

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 <https://www.abac.edu/admissions/accepted-students/>.

**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 - \$2,700 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 <https://www.abac.edu/campus-life/residence-life-and-housing/>.

**Meal plan** requirements vary by student status. For details on the meal plans available, visit <https://www.abac.edu/campus-life/dining-services/>

**Other fees** are associated with specific classes; examples include science labs, golf, and bowling courses.

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 2.85% of the 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.

The student(s) 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.

If the student is under the age of 18, a parent/guardian will be required to acknowledge that they understand and agree to the Financial Agreement Authorization in Dynamic Forms. This authorization is a legally binding agreement that explains the parent's/guardian'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 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 utilize Veterans' Educational Benefits at ABAC must submit a certificate of eligibility or Statement of Benefits obtained from the Department of Veterans Affairs' website - eBenefits or a VAF 28-1905 form for Vocational Rehabilitation and Employment (Chapter 31). The student must also be able to provide additional information necessary to properly certify their enrollment, such as the veteran's Veterans Affairs file number.

Students utilizing Vocational Rehabilitation and Employment (Chapter 31) or Post 9/11 GI Bill (Chapter 33) are required to pay the difference between the amount of their predetermined VA tuition and fee education benefits and their ABAC student account balance by the fee payment deadline each semester.

Students utilizing Montgomery GI Bill-Active Duty (MGIB - Chapter 30), Veterans' Education Assistance Program (VEAP - Chapter 32), Dependents' Educational Assistance (DEA - Chapter 35), Montgomery GI Bill-Selected Reserve (MGIB-SR - Chapter 1606), or Reserve Educational Assistance Program (REAP - Chapter 1607) are required to pay for any account balance by the fee payment deadline each semester. No funds are received by the institution for these VA Education Benefits.

Veterans may present a copy of their form DD-214 to the Office of Student Accounts for access to additional benefits offered by the institution.

## 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 a 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 <http://www.fafsa.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>
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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 the student must also meet specific rigor course requirements; The Zell Miller Scholarship requires 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). Alternately, a student is eligible for the Zell Miller Scholarship 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.GAfutures.org](http://www.GAfutures.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 <https://www.abac.edu/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 <https://www.abac.edu/funding/abac-scholarships/>.

## **External Scholarships**

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

## **Students' Rights and Responsibilities**

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

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

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

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

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

## **Refund Policy**

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

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

## Satisfactory Academic Progress

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

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

- **First Semester and Transfer Recipients**  
To receive federal financial assistance for the first time at ABAC, each eligible person will have met the admission requirements of the College.
- **Continuing Recipients**  
Students will be expected to achieve certain minimum levels of progress toward the successful academic completion of course requirements for a degree or certificate. Progress is measured both quantitatively and qualitatively. At ABAC, standards for maintaining such progress are as follows.
- **GPA Rule**  
To maintain eligibility for financial aid, students must maintain a minimum OVERALL GPA (OGPA) of 2.0. The OGPA will be checked at the end of each term for satisfactory academic progress. The OGPA includes grades of A, B, C, D, F, and WF. WF (withdrew with a failing grade) counts as an F. All grades for repeated coursework will count in the GPA calculation. All courses that are transferred in from another institution will also count. Students do not earn quality points for incomplete grades until the grade is resolved. Learning Support, repeated, and transfer courses are included in the calculation of the GPA.
- **67% Successful Completion 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
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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.

## Financial Aid Suspension Status

Students who are not making satisfactory progress at the end of the warning semester are placed on Financial Aid Suspension and will not be eligible for financial aid until all components of the Standards of Academic Progress Policy are met. 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 if the students adhere to the reinstatement stipulations and academic plan as outlined in the agreement.



The purpose of the academic plan is to ensure the students comply with the standards of academic progress policy within a specified timeframe and are enrolling in required courses to complete graduation requirement.

## 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:

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

## Determining Title IV Aid Eligibility

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

### Eligibility Approved

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

### Eligibility Denied

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

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

## Reinstatement of Eligibility

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

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

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

## Availability of Funds

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

## Hope Scholarship Provisions

To maintain eligibility for the HOPE Scholarship, degree-seeking HOPE scholars have the following **additional** GPA requirements, as set forth by the State of Georgia: Such students will be required to demonstrate a minimum overall GPA of 3.00 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).

The ABAC Title IX Deputy Coordinator for students is 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.

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 counseling, ADA compliance, disability services, and medical withdrawals. The Center is located on the second floor of Branch Hall. For Bainbridge, Blakely, and Donalsonville sites, the center is located in the Bainbridge site library.

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). For Bainbridge, Blakely, and Donalsonville sites, direct correspondence to Ms. Katie Spooner, 2500 East Shotwell Street, Bainbridge, Ga. 39819. The phone number is 229-243-3021 and the email address is [Katherine.Spooner@abac.edu](mailto:Katherine.Spooner@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 physical, sensory, learning, psychological, and other types of conditions 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. For Bainbridge, Blakely, and Donalsonville sites, the center is located in the Bainbridge site library.

## **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 medical doctor's letterhead, signed and dated by the treating physician who is not a family member, to the Student Development Center. A student must also submit a signed and dated statement requesting a medical withdrawal. 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, Office of Financial Aid and the Housing Office. Students will be given the grade of "W" in classes if they had passing grades in the 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. A medical withdrawal is from all classes for that term. The deadline for submitting complete appropriate medical documentation is one hour before the College closes on the last day of classes for the term. After the last day of class, students must follow the Grade Appeal process included in this Catalog.

## **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 (Available in Tifton)**

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, 8:00 a.m.-5:00 p.m., and Friday, 8:00 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. The Center for Disease Control (CDC) recommends a meningococcal conjugate (MenACWY) vaccine for first-year college students living in residence halls. If they received it before their 16th birthday, they need a booster dose for maximum protection before going to college. 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. ABAC requires all freshmen to live on campus unless they meet one of the following criteria:

- Earned a minimum of 30 semester hours of collegiate level credit after high school graduation and have satisfied Learning Support requirements,
- Living with and commuting daily from the legal residence of a parent, legal guardian, or grandparent within a 50-mile radius of Tifton,
- Married,
- Single parent,
- 21 years of age prior to September 1 of the academic year, or
- Enroll only in courses online or on the Moultrie, Bainbridge, Blakely, or Donalsonville sites.

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, 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 <https://www.abac.edu/campus-life/dean-of-students/>, 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 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, public service or other activity at any University System of Georgia (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 academic dismissal or termination of employment.

Source: <https://www.usg.edu/policymanual/section6/C2661>

# Alcohol and Drugs on Campus

To comply with The Drug-Free Postsecondary Education Act of 1990, and Board of Regents Policy 4.6.4, ABAC endorses Georgia laws with respect to the manufacture, distribution, sale, possession, or use of alcoholic beverages, marijuana, controlled substances or dangerous drugs on campus and at institutionally-approved events off campus. (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: [https://www.usg.edu/policymanual/section4/C332/#p4.6.4\\_alcohol\\_and\\_drugs\\_on\\_campus](https://www.usg.edu/policymanual/section4/C332/#p4.6.4_alcohol_and_drugs_on_campus)

# Tobacco And Smoke-Free Campus

ABAC, as a member of the University System of Georgia (USG), is committed to providing a safe, healthy, and amicable environment for all students, employees, and visitors. This policy applies to all persons who enter USG Properties. Violation of this policy may result in corrective action under student conduct or human resource policies and visitors refusing to comply may be asked to leave campus. Signage to help inform the campus communities and visitors of these prohibitions should be placed throughout campus.

Source: <https://www.usg.edu/policymanual/section6/C2663>

# 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 <https://www.abac.edu/campus-life/clubs-and-organizations/#All-Clubs-and-Organizations>. A more complete description of each club can be found in the *Student Handbook* at <https://www.abac.edu/campus-life/dean-of-students/>. 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 comprised of a President (Tifton campus), two Executive Vice-Presidents (one from Tifton campus; one from Bainbridge site), and a number of Senators based on the following formula: two from each School on the Tifton campus and one from each School on the Bainbridge site. Students from smaller satellite sites are eligible to vote with the Tifton campus and are provided representation by those officers and senators. The Schools are Agriculture and Natural Resources, Arts and Sciences, Nursing and Health Sciences, and the Stafford School of Business. Bainbridge representation will be based upon the majors for which students are allowed to register. Undeclared majors at all sites reside in the School of Arts and Sciences. The President and Executive Vice Presidents are referred to as Officers of the Executive Branch; the Senators comprise the Legislative Branch. 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. For Tifton and Moultrie, the SGA office is located on the third floor of Branch Hall. For Bainbridge, Blakely, and Donalsonville sites, the SGA office is located on the second floor of the Wellness Center.



# Student Communications Media

Student communications media include 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.
- **ADROIT**-This annual creative arts journal of ABAC at Bainbridge is an artistic forum for students, faculty, staff, alumni, and the community. The journal features poetry, fiction and non-fiction prose, 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 in Tifton, Student Wellness Centers in Bainbridge and Blakely (Blakely has a room with wellness equipment), 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 [https://abac.prestosports.com//Facilities/Thrash\\_Wellness\\_Center](https://abac.prestosports.com//Facilities/Thrash_Wellness_Center) and [https://abac.prestosports.com//Facilities/Foundation\\_Legacy\\_Pool\\_Complex](https://abac.prestosports.com//Facilities/Foundation_Legacy_Pool_Complex).

# 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://athletics.abac.edu/landing/index>.

# 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

Compilation of the above links/pages to print.

## 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>

# 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 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
  1. 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.
  2. 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).
  3. The denial of a request for Academic Renewal status can be appealed to the Provost and Vice President for Academic Affairs.
  4. 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.
  1. A Renewal GPA is begun when the student resumes taking coursework following approval for Academic Renewal.
  2. 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.
  3. 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 before the period of absence.
  1. Readmitted Students
    - Students who return to ABAC may be eligible for Academic Renewal for coursework taken before the period of absence.
      1. Students must have been absent from ABAC for a minimum period of five (5) years.
      2. Transfer credit for any coursework taken during the period of absence will be granted according to ABAC policies regarding transfer credits.
  2. 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 before a period of time equal to the period of absence required for Academic Renewal eligibility for readmitted students, which is five (5) years.
      1. Only coursework completed five years or more before transfer to ABAC can be considered for Academic Renewal.
      2. Courses taken more recently than five years before the date of transfer to ABAC are ineligible for consideration for Academic Renewal. However, transfer credit for coursework taken within the five years 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 specific 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.

## Academic Standing

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

**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 OGPA of 2.0. When students' OGPA falls below 2.0, they will be placed on probation. First-year students who are placed on probation for the first time will be required to work with an Academic Support Counselor. All students who are on academic probation will be restricted to taking no more than 12 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 Institutional GPA (SIGPA) of 2.0 or higher the semester immediately following probation will be removed from probation if their OGPA is 2.0 or higher. If the OGPA remains below 2.0, they will remain on probation.
- Any student whose SIGPA is less than 2.0 during the semester following probation will be suspended per ABAC's academic standing policy.

**Academic Suspension.** Students not attaining minimum academic standards after being placed on academic probation will be suspended from the College. The minimum standard for avoiding academic suspension after 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 higher 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 the first 16-week semester (fall or spring, not summer) immediately following the suspension; subsequent suspensions will be for one full academic year (three terms).

**Appeal of Academic Suspension.** Students may appeal an academic suspension, due to a mitigating circumstance\*, by notifying in writing the Registrar's Office. 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. The judgment of the Provost and Vice President for Academic Affairs 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, circumstances beyond their control, 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.

**COVID-19 Exception: For Spring 2020 only**, students placed on their first suspension will be allowed to enroll Fall 2020 without having to submit an appeal.

# Academic Support

Academic Support 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 requests, registration issues, graduation application submission, academic advising, major changes, academic intervention, and learning support requirements. Please visit <http://www.abac.edu/academics/academicsupport> 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/academicsupport/tutoring>). Although ABAC does not guarantee that tutoring is available for all subjects, tutors can generally assist in most subjects.

## 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
Art History	3	ARTS 1100 - Art Appreciation (previously ARTS 2213)
Biology	4	BIOL 1107/BIOL 1107L
	5	BIOL 1107/BIOL 1107L, BIOL 1108/BIOL 1108L
Calculus AB	3	MATH 1113, MATH 2053
Calculus BC	3	MATH 2053, MATH 2054
Chemistry	3	CHEM 1211 /CHEM 1211L
	5	CHEM 1211 /CHEM 1211L, CHEM 1212/CHEM 1212L
Computer Science A	3	CSCI 1301
Computer Science Principles	3	CSCI 1100

Macroeconomics	3	ECON 2105
Microeconomics	3	ECON 2106
English Lang/Comp	3	ENGL 1101
	5	ENGL 1101, ENGL 1102
English Lit/Comp	3	ENGL 1101
	5	ENGL 1101, ENGL 1102
Environmental Science	3	SCIE 1005/SCIE 1005L
European History	3	ELECTIVE IN CORE AREA E *
French	3	LANG 12XX **
	4	LANG 12XX, LANG 21XX **
	5	LANG 12XX, LANG 21XX, LANG 22XX **
German Language	3	LANG 12XX **
	4	LANG 12XX, LANG 21XX **
	5	LANG 12XX, LANG 21XX, LANG 22XX **
Government & Politics	3	POLS 1101***
Human Geography	3	GEOG 1101
Latin	3	LANG 12XX **
	4	LANG 12XX, LANG 21XX **
	5	LANG 12XX, LANG 21XX, LANG 22XX **
Music Theory	3	MUSC 1134/MUSC 1134L
Physics 1	3	PHYS 1111/PHYS 1111L
Physics 2	3	PHYS 1112/PHYS 1112L
Physics C: Mechanics	5	PHYS 2211/PHYS 2211L
Physics C: Electricity	5	PHYS 2212/PHYS 2212L
Psychology	3	PSYC 1101
Spanish	3	SPAN 1002
	4	SPAN 1002, SPAN 2001

	5	SPAN 1002, SPAN 2001, SPAN 2002
Statistics	3	MATH 1401
Studio Art: 2-D Design	3	ART ELECTIVE
Studio Art: 3-D Design	3	ART ELECTIVE
Studio Art: Drawing	3	ART ELECTIVE
US History	3	HIST 2111***
	5	HIST 2111, HIST 2112***
World History	3	HIST 1111
	5	HIST 1111, HIST 1112

\* 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.

## Cambridge Advanced International Certificate of Education (AICE) Diploma

"The Cambridge Advanced International Certificate of Education (AICE) Diploma is an international curriculum and examination system that emphasizes the value of broad and balanced study. Alongside in-depth understanding of a variety of subjects, students also need to master a broader range of skills critical for success in university study and employment."

"The Cambridge AICE Diploma was first awarded in 1997 and has since become popular with a range of schools in different parts of the world. It encompasses the 'gold standard' Cambridge International AS and A Level qualifications, and offers students the opportunity to tailor their studies to their individual interests, abilities and future plans within an international curriculum framework". (Source: Cambridge AICE Diploma, 2015).

The table below contains Cambridge AICE Scores and ABAC Course Equivalents; credit will be awarded for passing grades of A - D at the AS Level and A Level. Official Cambridge transcripts with the scores will be required for any AICE credit to be awarded.

### Cambridge AICE Scores & ABAC's Course Equivalent\*\*

AICE Exam Name	AS Level Credit Awarded for ABAC Course	Credit Hours	A Level Credit Awarded for ABAC Course	Credit Hours
Accounting	ACCT 2101	3	ACCT 2101, ACCT 2102	6
Biology	BIOL 1107, BIOL 1107L	4	BIOL 1107, BIOL 1107L, BIOL 1108, BIOL 1108L	8



Business	BUSA 1105	3	BUSA 1105	3
Chemistry	CHEM 1211, CHEM 1211L	4	CHEM 1211, CHEM 1211L CHEM 1212, CHEM 1212L	8
Economics	ECON 2105	3	ECON 2105, ECON 2106	6
English-Language OR Language & Literature	ENGL 1101	3	ENGL 1101, ENGL 1102	6
English Literature	ENGL 2115	3	ENGL 2114, ENGL 2115	6
History-American*	HIST 2111	3	HIST 2111, HIST 2112	6
History	HIST 1112	3	HIST 1112	3
Mathematics	MATH 1112, MATH 1113	7	MATH 1113, MATH 2053	8
Music	MUSC 1100	3	MUSC 1100	3
Physics	PHYS 1111, PHYS 1111L	4	PHYS 1111, PHYS 1111L, PHYS 1112, PHYS 1112L	8
Psychology	PSYC 1101	3	PSYC 1101	3
Sociology	SOCI 1101	3	SOCI 1101	3
Spanish	SPAN 1001	3	SPAN 1002, SPAN 2001	6

\* Students receiving Cambridge's AICE credit for American History must validate proficiency for the students' having satisfied the Georgia History requirement. See State of Georgia Legislative Requirements at <https://www.abac.edu/academics/academicsupport/georgia-history-constitution>.

\*\* Exams and credit awarded will be added as other courses are reviewed and approved.

## 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 <https://www.abac.edu/academics/academic-support/testing/#College-Level-Examination-Program-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

Composition and Literature	Minimum Score	ABAC Course Credit	Semester Hours
American Literature	50	ENGL 2131/ENGL 2132	3

Analyzing and Interpreting Literature	50	No Credit	---
College Composition	50	ENGL 1101	3
College 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
Spanish with Writing - Level 1 Proficiency	50	SPAN 1001, SPAN 1002	6
Spanish with Writing - Level 2 Proficiency	65	SPAN 1001, SPAN 1002, SPAN 2001, SPAN 2002	12
<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 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
Information Systems	50	CISM 2201	3
Introductory Business Law	50	No Credit	---
Principles of Management	50	No Credit	---
Principles of Marketing	50	No Credit	---

\* 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.

## 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, or MATH 1113.

Math Placement	Old SAT	New SAT Math Test	New SAT Math Section	ACT	High School Course
Math 1111 College Algebra	470	25.5	510	20	-
Math 1112 Trigonometry	590	30.5	610	26	-
Math 1113 PreCalculus	590	30.5	610	26	Trig.
Math 2053 Calculus	630	32.5	650	28	Trig.

## Appeal of Grades

To contest a grade, students 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 (ten) working days of the date of the appeal. Should this response not satisfy the appeal, the student can appeal in writing within 10 (ten) 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 (ten) 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. The judgment of the Provost 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.

## 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.

## 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.**

## 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.

## Classification of Students

Students are classified by year according to the number of credits they have earned. Advanced Placement (AP), CLEP, and transfer credit will have an impact on a student's classification. Classifications are defined as follows:

Classification	Credit Hours Earned
Freshmen	Less than 30 hours
Sophomore	At least 30 hours
Junior	At least 60 hours

Classification	Credit Hours Earned
Senior	At least 90 hours

## 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 essential 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.

## Course Load

To stay on track for graduation, students should plan to complete 15 credit hours each fall and spring. In addition to the number of hours required for a degree, students are required to take PHED 1100 Health and Wellness and one physical education activity. The maximum number of credit 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

A credit hour is a unit of measuring educational credit and is usually based on the number of hours per week in class. For example, most ABAC courses are three credit hours and meet approximately for three hours each week.

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 3.4.4* 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 3.4.4, 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.

## Degree Information

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, environmental horticulture, history and government, natural resource management, rural community development, and writing and communication. See program details in the following sections.

**Minors** -- The College offers minors in discipline areas where majors are offered at the bachelor's level if students complete the required 15 to 18 semester hours of coursework, 9 semester hours of which must be 3000- and 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 one career associate degree. Students who complete the required coursework leading to licensure as a Registered Nurse will earn the Associate of Science in Nursing (A.S.N.).

## Directory of Resources

A | C | D | F | H | N | S | U

### **ABAC Alumni Association**

<http://www.abac.edu/more/alumni-association>

### **ABAC Home Page**

<http://www.abac.edu>

### **ABAC Presents! Performing Arts Series**

<http://www.abac.edu/more/performing-arts-series/arts-connection/abac-presents-performing-arts-series>

### **Abraham Baldwin Agricultural College Foundation, Inc.**

<http://www.abac.edu/more/office-of-college-advancement-alumni/abac-foundation>

### **Alabama Board of Nursing**

<http://www.abn.alabama.gov/>

### **Arts Connection**

<http://www.abac.edu/more/performing-arts-series/arts-connection>

### **Campus Dining**

<http://www.abac.edu/student-life/campus-dining>

### **Campus Map**

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

### **Destination Ag**

<http://www.abac.edu/museum/education/destinationag>

### **First Tuesday Performance Series**

<https://www.abac.edu/academics/schools/arts-sciences/outreach/first-tuesday>

### **Housing, Why Live on Campus?**

<http://www.abac.edu/student-life/housing-why-live-on-campus>

### **MyABAC**

<http://www.abac.edu/myABAC>

### **Net Price Calculator**

<http://www.abac.edu/NPC>

### **Student Orientation**

<http://www.abac.edu/future-students/orientation>

### **USG Out-of-State Tuition Waivers**

[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)

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

## **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.

## **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.

## **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. As of the fall semester 2016, all grades earned in repeated courses are used in the IGPA calculation. Courses repeated before the fall semester of 2016 are 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.

**Transfer GPA.** The transfer grade point average (TGPA) includes all earned transfer credits accepted by ABAC in which students earned 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. As of the fall semester 2016, all grades earned in repeated



courses are used in the OGPA calculation. Courses repeated before the fall semester of 2016 are treated per the 2015-2016 ABAC catalog.

## **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.

## **Final Instructional Class Days and Reading Periods**

The following applies to the standard academic terms, including the Fall Semester, Spring Semester, and Full Summer Session. It does not apply to the Early Short Summer Session and Late Short Summer Session. Given the variability in the exact timing of the Full Summer Session, the Office of the Registrar will adjust the final instructional class days and reading periods for this semester only to meet the required instructional time.

### **Final Instructional Class Days**

1. Final Instructional Class Days are scheduled during each standard academic term including the Full Summer Session and are the last two days a course officially meets.
2. No tests or quizzes are to be administered on these days. Lab quizzes and practicums may be given in courses comprised of both a lecture and a scheduled lab, wherein the lecture carries at least two credits.
3. For all courses, graded homework or assignments, lab reports, course projects, demonstrations, studio reviews, and presentations may be due during these two days, provided that they are listed on the syllabus at the start of the semester.
4. All quizzes and tests should be graded and reported to students on or before the last Final Instructional Class Day.

### **Reading Periods**

1. Reading Periods will be designated to provide time for students to prepare for final examinations.
2. No classes will meet, including labs, recitations, projects, design/capstone courses, and studios.
3. No assignments, projects, presentations, or other graded activities are allowed.
4. Instructors may schedule optional study review sessions for students during reading periods, but no credit or extra credit may be attached to these optional sessions. New content may not be covered, and any materials (e.g., handouts, slides, practice problems, etc.) that are provided at these optional review sessions must be made available to all students. This provision does not require that such optional sessions be audio or video recorded.

### **Final Examinations**

1. In regularly scheduled lecture courses of the Institute, a final examination shall be administered at the time specified in the official Final Examination Schedule as distributed by the Office of the Registrar. In courses such as seminars, senior design, capstone, writing courses, and laboratories, final examinations may be

- waived and may be replaced with an appropriate assessment. The decision to give a final exam in these courses shall be made by the instructor of record. An announcement of the course's final examination policy shall be made to the class at its first meeting and included in the syllabus.
2. No assessment other than a final examination or its replacement may be due during the Final Examination Period.
  3. A change in the scheduling of a final examination for an individual student ordinarily will not be permitted; however, such a change may be allowed for hardship cases at the discretion of the instructor and approval by the school dean. The request for a change must be justified in writing by the student and shall be submitted to the instructor at least one week before the Final Examination Period and may be rescheduled to an appropriate time.
  4. In the event a student has two final examinations scheduled for the same time, the course having the lower number shall be considered in conflict, and the student shall notify the instructor no later than two weeks before the Thursday of the Final Examination Period. In such case, the final examination in that course shall be given during the Conflict Examination Period or, by agreement of the instructor and the student, at an alternate time.
    1. If the student notifies the instructor after the above deadline but before the Thursday of the Final Examination Period, the student shall, at the discretion of the instructor be given the final examination during the Conflict Examination Period or at an alternative time during the Final Examination Period.
    2. A student who fails to notify the instructor of the conflict before the Thursday of the Final Examination Period shall, at the discretion of the instructor:
      1. Receive a score of zero on the final examination, or
      2. be given the final examination during the Conflict Examination Period or at an alternative time during the Final Examination Period.
  5. In the event a student is scheduled for three final examinations in one day, the examination scheduled for the middle period shall be considered in conflict, and the student shall notify the instructor no later than two weeks before the Thursday of the Final Examination Period. In such case, the final examination in that course shall be given during the Conflict Examination Period or, by agreement of the instructor and the student, at an alternate time.
    1. If the student notifies the instructor after the above deadline but before the Thursday of the Final Examination Period, the student shall, at the discretion of the instructor:
      1. Be given the final examination during the Conflict Examination Period or at an alternative time during the Final Examination Period, or
      2. be given the final examination at the time scheduled for the course.
    2. A student who fails to notify the instructor of the conflict before the Thursday of the Final Examination Period shall, at the discretion of the instructor:
      1. Receive a score of zero on the final examination, or
      2. be given the final examination during the Conflict Examination Period or at an alternative time during the Final Examination Period, or
      3. be given the final examination at the time scheduled for the course.

## **Conflict Examination Period**

The Conflict Examination Period is on the last day of finals.

## **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).

## 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.

## Honors Day

Honors Day was introduced to give public recognition to students who demonstrate high academic achievement. Students are selected for honors based on the following criteria:

1. Completing 45 non-Learning Support semester hours at ABAC with a minimum 3.25 overall grade point average (OGPA) recognizes a student as an Honor Student.
2. Completing 45 non-Learning Support semester hours at ABAC with a minimum 3.50 overall grade point average (OGPA) recognizes a student as a Superior Honor Student.
3. Completing 45 non-Learning Support semester hours at ABAC with a minimum 3.75 overall grade point average (OGPA) recognizes a student as a Distinguished Honor Student.

## Honors List

## 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 academic 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 academic 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, Honors 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.

The Honors Program requires the completion of a minimum of 15 credit hours from Honors courses or through Enhanced Experience Honors Contracts. At the Tifton site, hours must include HUMN 1100H and HNRS 1102. Membership in the Honors Program is by invitation or through application to the Honors Director. For further information, contact the Honors Director at either the Tifton campus or Bainbridge site. Additional Honors Program

hours are earned through the Enhanced Experience Honors Contract arranged by the student, the course instructor, and the Honors Program Directors. For a list of courses, please see Honors Program Courses in Course Descriptions.

## **Institutional Absence**

## **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 (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, before 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 events in a way that does not unduly disrupt the learning process for students.

## **Orientation for New Students**

The purpose of New Student Orientation is to ensure that new undergraduate students have a successful transition and integration into college life. Orientation promotes discussion among parents, new students, continuing students, and faculty and staff on the expectations and perceptions of the campus community. [Click here](#) for detailed information regarding ABAC's orientation policy and process. A non-refundable orientation fee of \$40.00 is charged to each student.

## **Physical Education (PE) Requirements**

All students (with the exceptions noted herein) will be required to take one PE activity course 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 one PE activity course 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 one hour of PE activity course credit. The DD 214 must be provided to the Registrar's Office as documentation before the determination of credit can be awarded.

Students who have a disability which prevents them from participating in PE 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.

# 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 dean of the academic school.

# 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**
  - Students who have RHSC deficiencies, which are addressed after enrollment, can be admitted under the Limited Admissions category. Students who have RHSC deficiencies and who successfully complete collegiate courses addressing all of their deficiencies within their first 30 credit hours will be considered as having satisfied the deficiency or deficiencies. These students will receive collegiate credit that can count towards the student's degree program. The exception is any introductory foreign language course (e.g., SPAN 1001, LANG 11XX), which will satisfy the RHSC deficiency in foreign language but will not count towards the student's degree program. If a student does not address the deficiencies within the first 30 credit hours, then the student may not register for other courses, unless they also register for the appropriate deficiency course or courses. Successful completion ("C" or better) of a three-credit collegiate course in the appropriate

subject area demonstrates collegiate-level preparedness and is sufficient for satisfying an RHSC deficiency in that subject area.

## 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. Residency requirements for graduation
  - a. Earn at least 30 semester hours at ABAC which are applicable to a B.S. degree, including at least 21 semester hours of upper division (3000 level or above) course work in the major field.
  - b. Earn at least 20 semester hours at ABAC which are applicable to the A.A., A.S., or A.S.N. degree.
  - c. Earn at least 30 hours at ABAC which are applicable to the A.F.A.M. or A.A.S. degree.
  - d. Transfer, College Level Examination Program (CLEP), Advanced Placement (AP), Cambridge Advanced International Certificate of Education (AICE), International Baccalaureate (IB), DSST (formally DANTES), DD 214, physical education, freshman seminar, learning support, and academic renewal credits do not count as resident credit.
  - e. 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 the prior Spring term
  - Spring Semester - by the 5th Friday after classes begin the prior Fall term
  - Summer Semester - by the 3rd Friday after classes begin the prior Spring term

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 B.S. degrees in multiple majors.
2. Students are allowed to receive only one each of A.A., A.S., A.F.A., and A.S.N. degrees.

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

## 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. Transfer, College Level Examination Program (CLEP), Advanced Placement (AP), Cambridge Advanced International Certificate of Education (AICE), International Baccalaureate (IB), DSST (formerly DAN TES), DD 214, physical education, freshman seminar, and academic renewal credit do not count as resident credit.

## The Grading System

## 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. Grades of I cannot be removed by re-enrolling in and completing a course. For Fall 2018 and prior terms: If a grade of I is not satisfactorily removed after 12
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	months, the Registrar will change the grade of I to the grade of F. For Spring 2019 and future terms: If a grade of I is not satisfactorily removed by midterm of the subsequent term (see Academic Calendar), the Registrar will change the grade of I to the grade of F.
W	This grade indicates that students were permitted to withdraw without academic penalty. Withdrawals without academic 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.
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.
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.).
^	This symbol following the grade is used for Learning Support courses.

## 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.

## 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.

# 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 classes, with academic or financial penalties, as stated below.

**Single Course Withdrawal:** If student 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. Please see the academic calendar for the last day to withdraw with a grade of W. After midterm, students withdrawing from a class will receive a grade of WF. Students withdrawing from a course must first see their instructor to initiate the withdraw. After the instructor signs a drop form, the students must submit the signed form to the Academic Support Center. See the "Change of Schedule" section for further information. Although a grade of W has no impact on the grade point average (GPA), the student should be aware that negative effects on Financial Aid result when withdrawing from any class. A grade of WF (withdraw-fail) has an impact on the GPA and may also have adverse effects on Financial Aid.

**Total Withdrawal from the College:** Students who voluntarily withdraw from the College must first consult with Academic Support and complete a "Student Withdrawal Form." Students completely withdrawing from the College before mid-term will receive a grade of W and those withdrawing after mid-term will receive a grade of WF in all enrolled courses.

**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:** Medical withdrawals initially follow the same procedure as total withdrawals from the college. Students must first consult with Academic Support to begin the process. Before mid-term, medical withdrawals are the same as all other official withdrawals and 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 the student 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 a grade of W in all classes if passing their courses at the time of withdrawal. If the student was not passing at the time of withdrawal, then a 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.

## 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.

### 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.

**ABAC 1100 - Academic Success Seminar**

Credit Hour(s) 1

This course is 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.

## **Accounting**

**ACCT 2101 - Principles of Accounting I**

Credit Hour(s) 3

This course provides an understanding of basic accounting systems, concepts, principles, and application of financial accounting concepts. Credit toward graduation not allowed for ACCT 2101 and AECO 2200.

Prerequisite(s) Completion of or exemption from Learning Support requirements in English; 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.

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

**ACCT 3200 - Small Business Accounting**

Credit Hour(s) 3

The course explores accounting tools required for small businesses, with an 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.

Prerequisite(s) Prerequisite(s): ACCT 2102 or AECO 3200, with a minimum grade of C.

## **Agricultural Communication**

**AGCM 3000 - Introduction to Agricultural Communication**

Credit Hour(s) 3

This course introduces students to the work flow and priorities for those interested in pursuing jobs with agriculture-related agencies and enterprises focused on production agriculture, and issues related to these. These include farm

broadcasting, agricultural chemical sales, and agricultural publications related to specific or broad-based agricultural specialties. Additional job roles include communication specialists or public relations agents for agricultural commodity organizations, businesses, or non-profits.

Prerequisite(s) ENGL 1102 with a minimum grade of C.

**AGCM 4400 - Online Media Management**

Cross-Listed With COMM 4400

Credit Hour(s) 3

This course focuses on communicating via social media and websites. Students will learn about the core concepts of social media today, keeping in mind and knowing it is ever-changing. Students will learn how to apply different social media tools in various contexts in addition to measuring effectiveness of these tools. Student will also specifically focus on reaching audiences with agricultural and natural resources messaging. Students will also create their online portfolio (website) and gain and appreciation of how websites play a key role in communication today. Credit toward graduation not allowed for AGCM 4400 and COMM 4400.

Prerequisite(s) A minimum grade of C in the following courses: (COMM 1100 or COMM 1110) and ENGL 1101.

**AGCM 4790A - Agricultural Communication Internship**

Credit Hour(s) 3

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 3-credit-hour internship work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**AGCM 4790B - Agricultural Communication Internship**

Credit Hour(s) 3

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 3-credit-hour internship work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**AGCM 4790C - Agricultural Communication Internship**

Credit Hour(s) 3

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 3-credit-hour internship work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**AGCM 4791 - Agricultural Communication Internship**

Credit Hour(s) 6

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 6-credit-hour internship work with moderate supervision (less supervision 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.

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

**AGCM 4792 - Agricultural Communication Internship**

Credit Hour(s) 9

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 9-credit-hour internship 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.

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

**AGCM 4980 - Capstone: Senior Project**

Credit Hour(s) 3

Students work with a mentor on a mentored research project.

Prerequisite(s) Senior Standing.

**AGCM 4990 - Capstone Seminar**

Credit Hour(s) 3

Through a variety of course activities, students in Capstone Seminar will be asked to integrate and demonstrate what they've learned in their program's curriculum. Discipline knowledge, critical thinking, and communication skills will be emphasized.

Prerequisite(s) Senior Standing.

# **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.

## **AECO 2200 - Agricultural Records**

Credit Hour(s) 3

This course provides an understanding 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. Credit toward graduation not allowed for AECO 2200 and ACCT 2101.

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

## **AECO 2205 - Introduction to Agribusiness Computations**

Credit Hour(s) 3

This course provides students with comprehensive knowledge and skills needed for the application of quantitative tools to support agribusiness management decisions. The course is intended to teach students to analyze quantitative data utilizing elementary mathematical tools framed from an applied agricultural context. The course will incorporate the use of relevant software used in the agribusiness industry. No prior software experience is required for this course. Assessment of the course will focus on frequent assignments using quantitative data related to agribusiness management decisions.

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

## **AECO 2258 - Applied Economics**

Credit Hour(s) 3

This course provides an understanding of economic principles and application of these principles to the agricultural and farm business problems. Credit toward graduation not allowed for AECO 2258 and ECON 2106 .

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

## **AECO 2260 - Introduction to Agricultural Marketing**

Credit Hour(s) 3

This course provides students with an understanding of relevant marketing concepts, including food and fiber markets, agricultural price analysis, risk management, competition, and international trade. Students also learn first-hand about agricultural sales.

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

Credit Hour(s) 3

This course gives 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 course is an 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 in coordinating, leading, and developing a marketing plan for an agricultural product. Students 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 producer marketing of agricultural commodities in today's marketplace. The course examines the factors affecting the price of agricultural products, marketing efficiency, and market information necessary for today's agriculture professional.

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

**AECO 3430 - Agricultural Financial Management**

Credit Hour(s) 3

This course provides an understanding of finance as used in agribusiness, farming, financial institutions, and more broadly in the financial services industry. Emphasis is placed on reading and interpreting financial statements, analyzing investment opportunities, and understanding financial issues.

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

**AECO 3800 - Food and Agricultural Marketing**

Credit Hour(s) 3

This course explores the marketing functions and agencies involved in moving farm products to consumers. This course examines the application of marketing and economic principles to the decision-making in agribusiness firms.

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

**AECO 4100 - Agribusiness Management**

Credit Hour(s) 3

This course provides an understanding of managerial concepts, procedures, and techniques in agribusiness management from an economic perspective. Emphasis is placed on the management functions and techniques of planning, organizing, directing, controlling, and staffing.

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

**AECO 4710 - Food and Agricultural Policy**

Credit Hour(s) 3

This course provides an understanding 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 an analysis of the economic and political forces affecting policy decision making and the policy instruments used.

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

**AECO 4890 - Special Topics in Agribusiness**

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 or department head.

**AECO 4891 - Special Topics in Agribusiness**

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 or department head.

**AECO 4892 - Special Topics in Agribusiness**

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 or department head.

## **Agricultural Education**

### **AGED 2290 - Experiential Learning**

Credit Hour(s) 3

This course provides students with an understanding of teaching using realia, demonstrations, simulations, and agriscience activities. Students will learn to incorporate hands-on activities, demonstrations, simulations, and realia into their classroom teaching to achieve engaged and differentiated learning. Students will learn how experiential learning differs from conventional classroom teaching and learning. Students will learn how reflection activities can enhance skill and knowledge acquisition at a deeper level of understanding. The experiences gained in this course will be valuable as a supplement to students when they learn teaching procedure and later as they enter student teaching.

Prerequisite(s) Completed 30 semester hours.

### **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.

### **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.

### **AGED 3900 - Leadership in Agriculture**

Credit Hour(s) 3

The course in agricultural leadership provides students with a greater understanding of leadership as it pertains to their future profession as teachers of agricultural education. Leadership skills through the FFA is a major segment of the secondary agricultural education program. This course will explore the utilization of FFA leadership opportunities in secondary schools. The class will study the roles of leaders and followers, effective leadership, and ethical issues. The course will focus on leadership and service in teams, organizations, communities, and society. Students will learn leadership and methods of teaching leadership through the application of leadership in an organizational context.

Prerequisite(s) Completed a minimum of 30 semester hours.

### **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.

Prerequisite(s) BIOL 1107 and BIOL 1107L.

**AGED 4340 - Community Programs in Agriculture**

Credit Hour(s) 3

This 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, Future Farmers of America (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.

Prerequisite(s) A minimum of 60 overall earned credit 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.

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

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

Credit Hour(s) 3

This customized course offers 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 or department head.

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

Credit Hour(s) 3

This customized course offers 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 or department head.

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

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Agricultural Engineering**

#### **AENG 1100 - Introduction to Agricultural Technology and Systems Management (ATSM)**

Credit Hour(s) 3

The intent of this course is to provide students with an entry level knowledge and skills in Agricultural Technology and Systems Management (ATSM). Students will gain a working knowledge of topics and problems related to ATSM. Student will be introduced to modern technology in agricultural systems. This course will expose students to industry through guest lectures and industry visits. Fall

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

Credit Hour(s) 3

This course teaches 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 of or exemption from Learning Support requirements in English; and MATH 1001 with a minimum grade of C or MATH 1111 with a minimum grade of C.

#### **AENG 2100 - Problem Solving in Agricultural Technology and Systems Management (ATSM)**

Credit Hour(s) 3

The intent of this course is to provide students with an elemental understanding of problem solving in Agricultural Technology and Systems Management (ATSM). The course will provide a foundation in many of the basic physical laws that guide the engineering sciences. Modern technologies will be used to develop data-driven solutions to problems in agricultural systems. Topics included natural resources and ecology, process engineering, facilities, and machines. Spring

Prerequisite(s) MATH 1111 or higher (except MATH 2008), with a minimum grade of C.

#### **AENG 2200 - Agricultural Data Management**

Credit Hour(s) 3

This course provides students with comprehensive knowledge and skills needed to manage, analyze, and report data

related to agricultural industries. The course will teach students to manage data with spreadsheets. The course topics include importing, exporting, and linking data in spreadsheets; creating and managing data tables; creating charts and graphs; formatting spreadsheets for print; analyzing data with formulas and functions; and automating tasks.

Prerequisite(s) Completion of or exemption from learning Support requirements in English and Mathematics.

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

Credit Hour(s) 3

This course provides students with skills needed in agricultural equipment maintenance, repair, and fabrication. Students will observe the characteristics of metal when used in fabrication, maintenance, and repair. Fall

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

#### **AENG 3113 - Agricultural Machinery Systems**

Credit Hour(s) 3

This course provides students with the fundamental knowledge and skills of agricultural machinery systems. Students gain knowledge through hands-on learning activities and industry involvement. Topics include engine power; electrical power; mechanical power transmission; fluid power; mechatronics and control; tractor hitching, traction, and testing; and machinery selection and management. Spring

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.

#### **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.

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

#### **AENG 3400 - Surveying and Introduction to Global Positioning Systems (GPS)**

Credit Hour(s) 3

The intent of this course is to provide students with the fundamental knowledge and skills of surveying and Global Positioning Systems (GPS). Students will gain a working knowledge of common surveying equipment and GPS technology. Topics covered in this course include cartography, distance measurement, leveling, traversing, cut and fill, and GPS.

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

**AENG 3500 - Electrical Systems and Electronics**

Credit Hour(s) 3

The intent of this course is to provide students with fundamental understanding of electricity and electronics. Topics covered in this course include energy sources, AC and DC electricity, electrical circuits, electrical motors, and common electrical systems and electronics used in agriculture.

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

**AENG 4200 - Advanced Irrigation Systems Management**

Credit Hour(s) 3

The purpose of this course is to develop a working understanding of irrigation systems and how they are managed. The course will cover theory, design, application, and management of irrigation systems as well as new irrigation technologies. Emphasis will be placed on system design and irrigation scheduling for water conservation. Spring

Prerequisite(s) AENT 3200 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 offers 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 or department head.

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

Credit Hour(s) 3

This customized course offers 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 or department head.

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

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Agricultural Pest Mgmt.**

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

Credit Hour(s) 3

This course embraces the basic principles of insects, disease and weed control in agricultural settings. Emphasis is given to widely applicable control principles and the practical application of control methods.

### **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, and integrated weed management programs will be discussed.

Prerequisite(s) A minimum grade of C in the following courses: AGRP 1125 or HORT 2232.

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

Credit Hour(s) 3

This course educates students regarding 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 is discussed, with an emphasis on biology of the pathogens, disease diagnosis and sound disease management practices. Plant disease management using ecologically sound, integrated techniques is discussed. Fall

Prerequisite(s) A minimum grade of C in the following courses: AGRP 1125, BIOL 1107 and BIOL 1107L.

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

Credit Hour(s) 3

Identification and management of insect pests in row crops and animal agriculture in the south. Emphasis is placed 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.

## **Agricultural Technology**

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

Credit Hour(s) 3

This course teaches 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.

### **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.

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.

Prerequisite(s) AGRY 2020 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 faculty 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.

### **AGRI 2207 - Diversified Agricultural 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.

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.

Prerequisite(s) ENGL 1102 with a minimum grade of C.

**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.

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

**AGRI 4790A - Agricultural Internship**

Credit Hour(s) 3

An experiential learning experience selected by students and approved by their academic advisor forms 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.

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

**AGRI 4790B - Agricultural Internship**

Credit Hour(s) 3

An experiential learning experience selected by students and approved by their academic advisor forms 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.

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

**AGRI 4790C - Agricultural Internship**

Credit Hour(s) 3

An experiential learning experience selected by students and approved by their academic advisor forms 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.

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

**AGRI 4791 - Agricultural Internship**

Credit Hour(s) 6

An experiential learning experience selected by students and approved by their academic advisor forms the basis of this course. Students 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.

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

This course complements and supports course work in various agricultural programs. Emphasis is placed on the more important soil properties, the nutrient requirements of plants, and fertilizers.

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

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

Credit Hour(s) 3

This course familiarizes students with the principles and theories for modern field crop production. Emphasis is placed on the major field crops of the Southeast. All aspects of production are covered from initial planning to market. Fall

Prerequisite(s) A minimum grade of C in the following courses: AGRY 2020 and AGRP 1125.

## **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) A minimum grade of C in the following courses: BIOL 1107, BIOL 1107L, ASLH 2010, and HORT 2201.

## **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.

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 reinforces these concepts and provide hands-on experience with current techniques in soil and water microbiology. Credit toward graduation not allowed for AGRY 4050 and BIOL 4050.

Prerequisite(s) A minimum grade of C in the following courses: AGRY 3510, BIOL 1107, and BIOL 1107L.

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

Credit Hour(s) 3

This customized course offers 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 or department head.

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

Credit Hour(s) 3

This customized course offers 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 or department head.

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

Credit Hour(s) 3

This customized course offers 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 or department head.

**AGRY 4960 - Agricultural Research Methods**

Credit Hour(s) 3

This course familiarizes students with the research methods applicable to agricultural science, including basic philosophy of science, experimental design and methodology, data interpretation and analysis, as well as scientific writing. Fall

Prerequisite(s) A minimum grade of C in the following courses: ENGL 1102 and MATH 1111.

## **Animal Science and 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.

**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.

Prerequisite(s) ASLH 2010 with a 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.

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

**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.

Prerequisite(s) ASLH 2010 with a minimum grade of C.

**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.

Prerequisite(s) A minimum grade of C in the following courses: ASLH 2010, BIOL 1107, and BIOL 1107L.

**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.

Prerequisite(s) A minimum grade of C in the following courses: ASLH 2010, BIOL 1107, and BIOL 1107L.

**ASLH 3205 - Beef Industry**

Credit Hour(s) 3

A study of the major topics in all major phases of beef cattle production, including but not exclusive to cow-calf operations, breeding animal development, backgrounding, stockering, finishing and marketing are covered. This course enhances the student's understanding of the beef industry from point of production to the consumer. Starting with the

breeding system chosen by the cow-calf producer, the student learns how that decision influences marketing choices, projected end weight of production, management practices used to enhance production efficiency and consumer acceptance of the product produced.

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

#### **ASLH 3217 - Equine Production Management**

Credit Hour(s) 3

A course designed for students with an interest in equine care and management. Students will gain a basic knowledge of the equine regarding housing, manure management, nutrition, reproduction, equine health and physiology. Students gain insight into how horses differ from other livestock species. Fall

Prerequisite(s) A minimum grade of C in the following courses: ASLH 2010, BIOL 1107, and BIOL 1107L.

#### **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) A minimum grade of C in the following courses: ASLH 2010, BIOL 1107, and BIOL 1107L.

#### **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.

Prerequisite(s) A minimum grade of C in the following courses: ASLH 2010, BIOL 1107, and BIOL 1107L.

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

Credit Hour(s) 3

Beef Production 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) A minimum grade of C in the following courses: ASLH 3110, ASLH 3120, ASLH 3318, and ASLH 4405.

#### **ASLH 4217 - Equine Exercise Physiology**

Credit Hour(s) 3

This course is designed for students with an interest in equine exercise physiology and biomechanics. Topics include the equine musculoskeletal, respiratory, and cardiovascular system and diseases related to these systems. Students are exposed to current concepts regarding different body systems and the physiological changes that occur

during training, competition, and recreational riding. Spring

Prerequisite(s) A minimum grade of C in the following courses: ASLH 2010, BIOL 1107, and BIOL 1107L.

**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.

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.

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.

Prerequisite(s) A minimum grade of C in the following courses: ASLH 2010, BIOL 1107, BIOL 1107L, and MATH 1001 or higher (except MATH 2008).

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

Credit Hour(s) 3

This customized course offers 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.

Prerequisite(s) Reserved for upperclassman and permission of the dean or department head.

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

Credit Hour(s) 3

This customized course offers 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 or department head.

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

Credit Hour(s) 3

This customized course offers 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 or department head.

## **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

This course covers the 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 1100 - Art Appreciation (previously ARTS 2213)**

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.

### **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 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.

**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.

**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 offers 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 or department head.

**ARTS 4891 - Special Topics in Art**

Credit Hour(s) 3

This customized course offers 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 or department head.

**ARTS 4892 - Special Topics in Art**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **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. Credit toward graduation not allowed for BIOL 1107 and BIOL 1011K and BIOL 1107H and non-Science Biology I courses.

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

Corequisite(s) BIOL 1107L.

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

Credit Hour(s) 1



Credit toward graduation not allowed for BIOL 1107L and BIOL 1011K and BIOL 1107H and non-Science Biology I labs.

Corequisite(s) BIOL 1107.

**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. Credit toward graduation not allowed for BIOL 1108 and BIOL 1108H and non-Science Biology II courses.

Prerequisite(s) A minimum grade of C in the following courses: BIOL 1107 and BIOL 1107L.

Corequisite(s) BIOL 1108L.

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

Credit Hour(s) 1

Credit toward graduation not allowed for BIOL 1108L and BIOL 1108H and non-Science Biology II labs.

Corequisite(s) BIOL 1108.

**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, cell structure and function; tissues; and the integumentary, skeletal, muscular and nervous systems.

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

Corequisite(s) BIOL 2011L.

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

Credit Hour(s) 1

Corequisite(s) BIOL 2011.

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

Credit Hour(s) 3

A detailed study of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive systems.

Prerequisite(s) A minimum grade of C in the following courses: BIOL 2011 and BIOL 2011L.

Corequisite(s) BIOL 2012L.

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

Credit Hour(s) 1

Corequisite(s) BIOL 2012.

**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.

Prerequisite(s) A minimum grade of C in the following courses: (BIOL 1107 and BIOL 1107L) or (BIOL 2012 and BIOL 2012L).

Corequisite(s) BIOL 2050L.

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

Credit Hour(s) 1

Corequisite(s) BIOL 2050.

**BIOL 2070K - 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 majors.

Prerequisite(s) A minimum grade of C in the following courses: BIOL 1108 and BIOL 1108L.

**BIOL 2080K - 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) A minimum grade of C in the following courses: BIOL 1108 and BIOL 1108L.

**BIOL 3000 - Introduction to Biostatistics**

Credit Hour(s) 3

A variety of statistical techniques are presented. These techniques include but are not limited to: Survey of data and data types, graphical techniques for data display, central tendency and variability in data, probability distributions, parametric estimation and hypothesis testing and its applications to group comparisons, simple linear regression and correlation, multiple regression, categorical data analysis, and ANOVA. Statistical concepts will be presented and enhanced through the use of numerous real-life data sets and case studies. In addition, students will have myriad opportunities to practice through in-class discussions, homework exercises and class projects. Fall

Prerequisite(s) MATH 1401 with a minimum grade of C.

**BIOL 3030K - 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 2070K with a minimum grade of C.

**BIOL 3040K - 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 2070K with a minimum grade of C.

**BIOL 3060K - 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) A minimum grade of C for the following courses: BIOL 2080K or ASLH 2010.

**BIOL 3070K - 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.

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

**BIOL 3090K - Invertebrate Zoology**

Credit Hour(s) 4

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

Prerequisite(s) A minimum grade of C in the following courses: BIOL 2080K or ASLH 2010.

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

Cross-Listed With CHEM 3100

Credit Hour(s) 4

This course is a 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. Credit toward graduation not allowed for BIOL 3100 and CHEM 3100. Fall

Prerequisite(s) A minimum grade of C in the following courses: BIOL 1108, BIOL 1108L, CHEM 2041, and CHEM 2041L.

**BIOL 3101 - Biochemistry II**

Cross-Listed With CHEM 3101

Credit Hour(s) 3

This course focuses on metabolism and the transfer of information from Deoxyribonucleic acid (DNA) to Ribonucleic acid (RNA) to protein. Credit toward graduation not allowed for BIOL 3101 and CHEM 3101. Spring

Prerequisite(s) A minimum grade of C in the following courses: BIOL 3100 or CHEM 3100.

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. Credit toward graduation not allowed for BIOL 3100L and CHEM 3101L. Spring

Prerequisite(s) A minimum grade of C in the following courses: BIOL 3100 or CHEM 3100.

Corequisite(s) BIOL 3101.

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

Cross-Listed With CHEM 3102

Credit Hour(s) 3

This course focuses 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. Credit toward graduation not allowed for BIOL 3102 and CHEM 3102. Fall

Prerequisite(s) A minimum grade of C in the following courses: (BIOL 3101 and BIOL 3101L) or (CHEM 3101 and CHEM 3101L).

**BIOL 3180K - 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 2070K with a minimum grade of C.

**BIOL 3200K - 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.

Prerequisite(s) A minimum grade of C in the following courses: (BIOL 1108 and BIOL 1108L) and (CHEM 1212 and CHEM 1212L).

**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.

Prerequisite(s) A minimum grade of C in the following courses: (BIOL 1108 and BIOL 1108L) and (CHEM 2040 and CHEM 2040L).

**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) A minimum grade of C in the following courses: (BIOL 1108 and BIOL 1108L) and (CHEM 2040 and CHEM 2040L).

**BIOL 3350K - 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) A minimum grade of C in the following course: BIOL 2070K, BIOL 2080K, BIOL 3200K and (CHEM 1212 and CHEM 1212L).

**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 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) A minimum grade of C in the following courses: BIOL 1108 and BIOL 1108L.

**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 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.

Prerequisite(s) A minimum grade of C in the following courses: BIOL 2012 and BIOL 2012L.

**BIOL 3403K - Exercise Physiology**

Credit Hour(s) 4

An introduction to the physiological responses and adaptations to exercise. Topics include neuromuscular, cardiovascular, respiratory, metabolic, and hormonal systems as they pertain to acute and chronic exercise.

Prerequisite(s) BIOL 2012 and 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) A minimum grade of C in the following course: (BIOL 1108 and BIOL 1108L) and (CHEM 1212 and CHEM 1212L).

**BIOL 3500K - 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.

Prerequisite(s) A minimum grade of C in the following courses: (BIOL 1108 and BIOL 1108L) and (CHEM 2041 and CHEM 2041L).

**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. Credit toward graduation not allowed for BIOL 3770 and FRSC 3770. Spring, odd-numbered years

Prerequisite(s) A minimum grade of C in the following courses: BIOL 1108 and BIOL 1108L.

**BIOL 3800K - Plant Anatomy**

Credit Hour(s) 4

A comparative study of the cells, tissues and organs of plants and their development in vegetative and reproductive structures of vascular plants. Emphasis on seed plants. Spring

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

**BIOL 3850K - 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) A minimum grade of C in the following courses: BIOL 2080K or ASLH 2010.

**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. Credit toward graduation not allowed for BIOL 3880 and FRSC 3880. Spring, even-numbered years

Prerequisite(s) A minimum grade of C in the following courses: BIOL 1108 and BIOL 1108L.

**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. Credit toward graduation not allowed for BIOL 4050 and AGRY 4050. Spring

Prerequisite(s) A minimum grade of C in the following courses: AGRY 3510 and (BIOL 1107 and BIOL 1107L).

**BIOL 4100K - 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.

Prerequisite(s) A minimum grade of C in the following courses: BIOL 3100 and BIOL 3500K.

**BIOL 4150K - 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.

Prerequisite(s) A minimum grade of C in the following courses: BIOL 3100 and (BIOL 2080K or ASLH 2010).

**BIOL 4200K - 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 2070K with a minimum grade of C.

**BIOL 4250K - Animal Physiology**

Credit Hour(s) 4

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

Prerequisite(s) A minimum grade of C in the following courses: (BIOL 2080K or ASLH 2010) and BIOL 3100.

**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) A minimum grade of C in the following courses: BIOL 2012 and BIOL 2012L.

**BIOL 4300K - 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) A minimum grade of C in the following courses: (BIOL 2080K or ASLH 2010) and BIOL 3500K.

**BIOL 4305K - Instrumental Analysis**

Cross-Listed With CHEM 4305K

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. Credit toward graduation not allowed for BIOL 4305 and CHEM 4305K.

Prerequisite(s) A minimum grade of C in the following courses: CHEM 2800 and CHEM 2800L.

**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 and linkage disequilibrium, natural selection, and the neutral theory of evolution. Fall

Prerequisite(s) A minimum grade of C in the following course: (MATH 2000 or MATH 1401 or MATH 2053 or MATH 1501) and BIOL 3200K.

**BIOL 4400K - 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, immunocytochemistry, immunoassays (ELISA), and selected techniques. Spring

Prerequisite(s) A minimum grade of C in the following courses: BIOL 3100 and BIOL 3500K.

**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. Credit toward graduation not allowed for BIOL 4510 and FRSC 4510 . Spring

Prerequisite(s) A minimum grade of C in the following courses: BIOL 1108 and BIOL 1108L.

**BIOL 4550K - 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.

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

**BIOL 4600 - Biological Research Methods**

Credit Hour(s) 2

Topics will include critical analysis of research design and implementation; and writing research proposals. Students will select the Senior Thesis or Original Research option and write a proposal that will serve as the basis for the formal presentation in the required Senior Project course.

Prerequisite(s) Successful completion of 60 or more semester hours; and a minimum grade of C in the following courses: (BIOL 1108 and BIOL 1108L) and BIOL 3000.

**BIOL 4601 - Biological Research**

Credit Hour(s) 2

Students will work with an instructor conducting scientific research and participate in a new or ongoing research project. Work performed during an REU (paid internship), unpaid internship or at a facility other than ABAC may be used to satisfy the criteria for this course.

Prerequisite(s) BIOL 4600 with a minimum grade of C, and permission of the department head.

**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) A minimum grade of C in the following courses: BIOL 3401, BIOL 3450 and (MATH 2000 or MATH 1401) and (BIOL 2012 and BIOL 2012L).

**BIOL 4790A - Biology Internship**

Credit Hour(s) 3

This course offers 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 work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

This customized course offers 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) A minimum grade of C in the following courses: BIOL 1108 and BIOL 1108L; and 20 additional hours of biological science, with a minimum grade of C. Reserved for upperclassman and permission of the dean or department head.

**BIOL 4891 - Special Topics in Biology**

Credit Hour(s) 1 to 4

This customized course offers 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) A minimum grade of C in the following courses: BIOL 1108 and BIOL 1108L; and 20 additional hours of biological science, with a minimum grade of C. Reserved for upperclassman and permission of the dean or department head.

**BIOL 4892 - Special Topics in Biology**

Credit Hour(s) 1 to 4

This customized course offers 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) A minimum grade of C in the following courses: BIOL 1108 and BIOL 1108L; and 20 additional hours of biological science, with a minimum grade of C. Reserved for upperclassman and permission of the dean or department head.

**BIOL 4900 - Senior Project**

Credit Hour(s) 1

Students will prepare a formal presentation that satisfies the criteria for the Senior Thesis or Original Research option selected in BIOL 4600 . Students will be provided with evaluation criteria in advance and all presentations will be evaluated by a faculty panel using an evaluation rubric. Must be completed during the senior year. Spring

Prerequisite(s) BIOL 4600.

## **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.

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

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

Credit Hour(s) 3

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

### **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.

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

### **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.

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

### **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.

Prerequisite(s) A minimum grade of C in the following course: (MATH 2000 or MATH 1401) and CISM 2100.

**BUSA 3071 - Business Law**

Credit Hour(s) 3

This course provides the business student with a study of the interrelationship of law and business. The course covers government regulation of business activities and the legal environment within which business must operate.

Prerequisite(s) BUSA 2106 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.

Prerequisite(s) A minimum grade of C in the following courses: (MKTG 3131 or AECO 2260) and (MGMT 3130 or AECO 1150).

**BUSA 4790A - Business Internship**

Credit Hour(s) 3

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

Prerequisite(s) Minimum 2.0 overall grade point average and minimum 72 overall earned credit hours toward the BS Business degree, and advisor approval.

**BUSA 4790B - Business Internship**

Credit Hour(s) 3

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

Prerequisite(s) Minimum 2.0 overall grade point average and minimum 72 overall earned credit hours toward the BS Business degree, and advisor approval.

**BUSA 4790C - Business Internship**

Credit Hour(s) 3

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

Prerequisite(s) Minimum 2.0 overall grade point average and minimum 72 overall earned credit hours toward the BS Business 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.

Prerequisite(s) Minimum 2.5 overall grade point average, and minimum 72 overall earned credit hours toward the BS Business degree, and approval from the Dean of the Stafford School of Business.

**BUSA 4980 - Capstone: Senior Project**

Credit Hour(s) 3

The capstone course is a project which provides a synergistic experience for business seniors. Students build skills in problem analysis, business case preparation, product/solution development, market research, presentation, and public speaking. Students also enhance their project management, teamwork, and problem-solving skills.

Prerequisite(s) Minimum 2.0 overall grade point average and minimum 90 overall earned credit hours toward the BS in Business 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. Credit toward graduation not allowed for CHEM 1211 and CHEM 1211H and CHEM 1211K and non-Science Chemistry I courses.

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

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

Credit Hour(s) 1

Credit toward graduation not allowed for CHEM 1211L and CHEM 1211H and CHEM 1211K.

Corequisite(s) CHEM 1211.

**CHEM 1212 - Principles of Chemistry II**

Credit Hour(s) 3

This course includes thermodynamics, kinetics, equilibrium, and selected descriptive chemistry. Credit toward graduation not allowed for CHEM 1212 and CHEM 1212H and CHEM 1212K.

Prerequisite(s) A minimum grade of C in the following courses: ((CHEM 1211 and CHEM 1211L) or CHEM 1211K), and MATH 1111.

Corequisite(s) CHEM 1212L.

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

Credit Hour(s) 1

Credit toward graduation not allowed for CHEM 1212L and CHEM 1212H and CHEM 1212K and non-Science Chemistry II labs.

Corequisite(s) CHEM 1212.

**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) A minimum grade of C in the following courses: (CHEM 1212 and CHEM 1212L) or (CHEM 1212K).  
Corequisite(s) CHEM 2040L.

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

Credit Hour(s) 1

Fall

Corequisite(s) CHEM 2040.

**CHEM 2041 - Fundamental Organic Chemistry II**

Credit Hour(s) 3

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) A minimum grade of C in the following courses: CHEM 2040 and CHEM 2040L.  
Corequisite(s) CHEM 2041L.

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

Credit Hour(s) 1

Spring

Corequisite(s) CHEM 2041.

**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.

Prerequisite(s) A minimum grade of C in the following courses: ((CHEM 1212 and CHEM 1212L) or (CHEM 1212K)), and (MATH 2000 or MATH 1401).

Corequisite(s) CHEM 2800L.

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

Credit Hour(s) 1

This course will provide hands-on opportunities for students that coincide with the material/experiments covered in lecture. Laboratory experiments include gravimetric analysis; precipitation, complexiometric, and reduction-oxidation titrations; potentiometric applications; calibration techniques using ultraviolet visible spectroscopy; and will also contain tutorials on the application of spreadsheets.

Prerequisite(s) A minimum grade of C in the following courses: ((CHEM 1212 and CHEM 1212L) or (CHEM 1212K)), and (MATH 2000 or MATH 1401).

Corequisite(s) CHEM 2800.

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

Cross-Listed With BIOL 3100

Credit Hour(s) 4

A 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. Credit toward graduation not allowed for CHEM 3100 and BIOL 3100. Fall

Prerequisite(s) A minimum grade of C in the following course: (BIOL 1108 and BIOL 1108L), and (CHEM 2041 and CHEM 2041L).

**CHEM 3101 - Biochemistry II**

Cross-Listed With BIOL 3101

Credit Hour(s) 3

This course will focus on metabolism and the transfer of information from Deoxyribonucleic acid (DNA) to Ribonucleic acid (RNA) to protein. Credit toward graduation not allowed for CHEM 3101 and BIOL 3101. Spring

Prerequisite(s) A minimum grade of C in the following courses: BIOL 3100 or CHEM 3100.

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. Credit toward graduation not allowed for CHEM 3101L and BIOL 3101L. Spring

Prerequisite(s) A minimum grade of C in the following courses: BIOL 3100 or CHEM 3100.

Corequisite(s) CHEM 3101.



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

Cross-Listed With BIOL 3102

Credit Hour(s) 3

This course 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. Credit toward graduation not allowed for CHEM 3102 and BIOL 3102.

Prerequisite(s) A minimum grade of C in the following courses: (BIOL 3101 and BIOL 3101L) or (CHEM 3101 and CHEM 3101L).

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

Cross-Listed With BIOL 4305K

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. Credit toward graduation not allowed for CHEM 4305K and BIOL 4305K.

Prerequisite(s) A minimum grade of C in the following courses: CHEM 2800 and CHEM 2800L.

## **Communications**

### **COMM 1100 - Human Communication**

Credit Hour(s) 3

A broad-based oral communication class focusing on public speaking, interpersonal and small group communication. Credit toward graduation not allowed for COMM 1100 and COMM 1100H.

### **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.

### **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) A minimum grade of C in the following courses: (COMM 1100 or COMM 1110) and ENGL 1101.

### **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 1100H or COMM 1110, and ENGL 1101 or ENGL 1101H, 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.

Prerequisite(s) A minimum grade of C in the following courses: (COMM 1100 or COMM 1110) and ENGL 1102.

**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 - Issues in Mass Media**

Credit Hour(s) 3

A historical and social examination of issues in mass media and their relationship to the mass media and their relationship to the mass communication process in modern society.

Prerequisite(s) A minimum grade of C in COMM 2300.

**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.

**COMM 4300 - Communicating Science to a Non-Technical Audience**

Credit Hour(s) 3

An overview of the theoretical approaches, prior research, and practical application of scientific communication to a non-technical audience. Course content will include developing plain language strategies and effective graphical representations and imagery to translate scientific issues to lay audience, including lawmakers, agencies, consumers, news media outlets, and the general public.

Prerequisite(s) A minimum grade of C in the following courses: ENGL 1102 and (COMM 1100 or COMM 1110).

**COMM 4400 - Online Media Management**

Cross-Listed With AGCM 4400

Credit Hour(s) 3

This course focuses on communicating via social media and websites. Students will learn about the core concepts of social media today, keeping in mind and knowing it is ever-changing. Students will learn how to apply different social media tools in various contexts in addition to measuring effectiveness of these tools. Student will also specifically focus on reaching audiences with agricultural and natural resources messaging. Students will also create their online portfolio (website) and gain and appreciation of how websites play a key role in communication today. Credit toward graduation not allowed for COMM 4400 and AGCM 4400.

Prerequisite(s) A minimum grade of C in the following courses: (COMM 1100 or COMM 1110) and ENGL 1101.

**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.

**COMM 4890 - Special Topics in Communication**

Credit Hour(s) 3

This customized course offers 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 or department head.

**COMM 4891 - Special Topics in Communication**

Credit Hour(s) 3

This customized course offers 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 or department head.

**COMM 4892 - Special Topics in Communication**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Computer Information System**

### **CISM 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.

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

### **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.

### **CISM 3100 - Data Analytics**

Credit Hour(s) 3

This course provides an introduction to business analytics. Students will learn how data analysis describes, predicts, and informs 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. Fall, Spring

Prerequisite(s) A minimum grade of C in the following courses: CISM 2100 and MATH 1111.

### **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) A minimum grade of C in CISM 2100.

### **CISM 4130 - Management Information Systems**

Credit Hour(s) 3

This course provides a framework for understanding how information systems technology can support managers and professionals to improve organizational performance, group work, and personal productivity. It provides an overview of fundamental management information systems concepts by using an integrated framework for describing and analyzing information systems. Fall, Spring

Prerequisite(s) A minimum grade of C in the following courses: CISM 2100 and (MGMT 3130 or AECO 1150).

## **Computer Science**

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

Credit Hour(s) 3

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. For non-science majors. Fall, Spring

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

### **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) MATH 1111 or exemption.

### **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.

## **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 2210 - Juvenile Procedures**

Credit Hour(s) 3

This course is an examination of American juvenile justice procedures, the development of delinquent and criminal behavior, the biological, sociological and physiological theories of delinquency. The course will examine the historical and philosophical background, organization, function, and jurisdiction of juvenile justice courts and their associated agencies. This course will address special problems faced by police, social workers, case officers and others associated with the juvenile justice system in modern society. Spring, Summer

#### **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.

## **Critical Thinking**

#### **CRIT 1100 - An Introduction to Critical Thinking**

Credit Hour(s) 1

A theme-based class, An Introduction to Critical Thinking focuses on the questions of how to reason correctly and how to identify fallacies in reasoning. Students will learn to analyze problems and make logical decisions that can also be applied in their personal and academic lives.

## **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. Credit toward graduation not allowed for ECON 2105 and ECON 2105H. Fall, Spring, Summer

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

**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. Credit toward graduation not allowed for ECON 2106 and AECO 2258.

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

**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) A minimum grade of C in the following courses: ECON 2105 and (ECON 2106 or AECO 2258).

**ECON 4105 - Banking and Finance**

Credit Hour(s) 3

This course explores the rapidly changing world of money, banking and financial markets, and their role in determining the overall level of economic activity. It also examines the role of banking and monetary policy as they apply to financial instruments and institutions in the context of global financial markets. The focus is on the functions served by the financial system and the economic rationale behind it. Fall, Spring

Prerequisite(s) FINA 3150 with a minimum grade of a C

**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) A minimum grade of C in the following courses: ECON 2105 and (ECON 2106 or AECO 2258).

**ECON 4890 - Special Topics in Economics**



Credit Hour(s) 3

This customized course offers 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.

**ECON 4891 - Special Topics in Economics**

Credit Hour(s) 3

This customized course offers 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.

**ECON 4892 - Special Topics in Economics**

Credit Hour(s) 3

This customized course offers 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.

## **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.

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

Credit Hour(s) 3

Given the rapidly changing demographics in Georgia and the United States, this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity; and 4) the influences of culture on learning, development and pedagogy. Ten hours of field experience are required.

**EDUC 2130 - Exploring Learning and Teaching**

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.

**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 lessons and unit plans that reflect the content and skills the students will impart as teachers. Fall

Prerequisite(s) A minimum grade of C in the following courses: EDUC 2110, EDUC 2120, and EDUC 2130.

**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) A minimum grade of C in the following courses: EDUC 2110, EDUC 2120, and EDUC 2130.

#### **EDUC 4460 - Student Teaching Practicum**

Credit Hour(s) 12

The student teaching practicum provides prospective teachers the opportunity to observe and teach 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) A minimum grade of C in the following courses: EDUC 4350 and EDUC 4360.

## **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. Fall

Prerequisite(s) Students are screened and selected for participation in this course; minimum 24 overall earned credit hours; and minimum 2.5 overall grade point average.

## **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.

Prerequisite(s) Prerequisite(s): Minimum placement requirements established by the University System of Georgia [https://www.usg.edu/academic\\_affairs\\_handbook/section2/C769](https://www.usg.edu/academic_affairs_handbook/section2/C769).

Corequisite(s) ENGL 1101.

#### **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 20 internship-oriented hours must be logged by the student each semester.

#### **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. Credit toward graduation not allowed for ENGL 1101 and ENGL 1101H.

**ENGL 1102 - Composition II**

Credit Hour(s) 3

A composition course which emphasizes analysis, interpretation, and evaluation of a variety of texts. The course focuses on academic writing and research. Credit toward graduation not allowed for ENGL 1102 and ENGL 1102H.

Prerequisite(s) A minimum grade of C in ENGL 1101.

**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. Credit toward graduation not allowed for ENGL 2114, ENGL 2111, and ENGL 2114H.

Prerequisite(s) A minimum grade of C in ENGL 1102.

**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. Credit toward graduation not allowed for ENGL 2115, ENGL 2112, and ENGL 2115H.

Prerequisite(s) A minimum grade of C in ENGL 1102.

**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. Credit toward graduation not allowed for ENGL 2116 and ENGL 2116H.

Prerequisite(s) 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.

Prerequisite(s) ENGL 1102 or ENGL 1102H, 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.

Prerequisite(s) ENGL 1102 or ENGL 1102H, 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 16th century pre-colonial to the mid-19th 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.

Prerequisite(s) ENGL 1102 or ENGL 1102H, 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-19th 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.

Prerequisite(s) ENGL 1102 or ENGL 1102H, 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 or ENGL 1101H, 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 or ENGL 1101H, with a minimum grade of C.

**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 abstracts, reports, proposals and grants, instructions, research-based writing, and oral presentations.

Prerequisite(s) ENGL 1102 or ENGL 1102H, 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.

Prerequisite(s) ENGL 1102 or ENGL 1102H, 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.

Prerequisite(s) ENGL 1102 or ENGL 1102H, with a minimum grade of C.

**ENGL 3050 - Creative Nonfiction**

Credit Hour(s) 3

A creative nonfiction writing class focusing on memoir, biography, journalism, the personal essay, and hybrid forms. Students will study published model essays and will compose and revise their own writing. Relevant research skills will be discussed, as well as avenues toward publications.

**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.

Prerequisite(s) ENGL 1102 or ENGL 1102H, 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 1102 or ENGL 1102H, 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.

**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.

**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.

Prerequisite(s) COMM 1100 or COMM 1100H or COMM 1110, and ENGL 1102 or ENGL 1102H, 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.

**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.

Prerequisite(s) ENGL 1102 or ENGL 1102H, 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 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.

Prerequisite(s) ENGL 1102 or ENGL 1102H, 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.

**ENGL 4890 - Special Topics in English**

Credit Hour(s) 3

This customized course offers 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 or department head.

**ENGL 4891 - Special Topics in English**

Credit Hour(s) 3

This customized course offers 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 or department head.

**ENGL 4892 - Special Topics in English**



Credit Hour(s) 3

This customized course offers 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 or department head.

## **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. Credit toward graduation not allowed for FACS 2293 and SOCI 2293.

**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 offers 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 or department head.

**FACS 4891 - Special Topics in Family and Consumer Sciences**

Credit Hour(s) 3

This customized course offers 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 or department head.

**FACS 4892 - Special Topics in Family and Consumer Sciences**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Finance**

### **FINA 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. Fall, Spring

Prerequisite(s) ACCT 2101 or AECO 2200 and ECON 2105 or ECON 2105H or ECON 2106 or AECO 2258 and CISM 2100 with a minimum grade of C.

## **Forest Resources**

### **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 of or exemption from Learning Support requirements in English and Mathematics.

### **FRSC 1180 - Quantitative Methods in Forest Resources**

Credit Hour(s) 3

An introduction to the applied quantitative applications frequently used in forest resources. Lecture and lab topics will include methods relating basal area calculations, tree and stand measurements, land area measurements, calculations and conversions of timber volumes and dimensions, regression analyses, and basic experimental design. Fall, Spring

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

### **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

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 of or exemption from Learning Support requirements in English and Mathematics.

**FRSC 2200 - Soils in Forest Resources**

Credit Hour(s) 3

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 of or exemption from Learning Support requirements in English and Mathematics.

**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 of or exemption from Learning Support requirements in English and Mathematics.

**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 of or exemption from Learning Support requirements in English and Mathematics; 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 of or exemption from Learning Support requirements in English and Mathematics.

**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 of or exemption from Learning Support requirements in English and Mathematics.

**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.  
Corequisite(s) FRSC 3255.

**FRSC 2250 - Forest Entomology and Pathology**

Credit Hour(s) 3

This course encompasses identification and control of important forest insects and diseases: fire behavior, weather, and suppression strategies will also be addressed. Fall

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

**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 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, with a minimum grade of C and a minimum 45 overall earned credit hours toward 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, with the minimum grade of C and a minimum 45 overall earned credit hours toward the BS-NRM degree.

**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, with a minimum grade of C and a minimum 45 overall earned credit hours toward 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 of or exemption from Learning Support requirements in English and Mathematics.

**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 a minimum 45 overall earned credit hours toward 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 a minimum 45 overall earned credit hours toward 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 a minimum 45 overall earned credit hours toward 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 Learning Support requirements in English and Mathematics.

**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 a minimum 45 overall earned credit hours toward 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) FRSC 1180 with a minimum grade of C.

**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 and BIOL 1108 and BIOL 1108L 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 (GPS) 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.

Corequisite(s) FRSC 2243.

**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, with a minimum grade of C and a minimum 45 overall earned credit hours toward 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 a minimum 45 overall earned credit hours toward 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 wildland/urban interface fire. Field laboratory exercises will include prescribed burning and burn assessment. Spring

Prerequisite(s) FRSC 3265, and 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 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. Credit toward graduation not allowed for FRSC 3770 and BIOL 3770. Spring, odd-numbered years

Prerequisite(s) BIOL 1108+BIOL 1108L or BIOL 1108H, 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. Credit toward graduation not allowed for FRSC 3880 and BIOL 3880. Spring, even-numbered years

Prerequisite(s) BIOL 1108+BIOL 1108L or BIOL 1108H, with a minimum grade of C.

**FRSC 3910 - Forestry for Educators**

Credit Hour(s) 3

An introduction to forestry for educators. Lecture and lab topics will include forest ecology, forest measurements, mapping and orienteering, and silviculture. The course also includes the identification, taxonomy, and uses of common tree, shrub, and vine species in Georgia. Fall

Prerequisite(s) A minimum 30 overall earned credit hours.

**FRSC 3920 - Wildlife Management for Educators**

Credit Hour(s) 3

An introduction to wildlife ecology and management for educators. Lecture and lab topics will include wildlife ecology, habitat management techniques, and wildlife techniques including skull identification, aging and sexing techniques, and wing identification. The course also includes the identification, taxonomy, and uses of common tree, shrub, and vine species in Georgia. Spring

Prerequisite(s) A minimum 30 overall earned credit hours.

**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 and MATH 1401 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, FRSC 3265, and FRSC 4250, 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.

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 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. Credit toward graduation not allowed for FRSC 4510 and BIOL 4510. Spring

Prerequisite(s) BIOL 1108+BIOL 1108L, or BIOL 1108H.

**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 its project in class at the end of the term. Must be taken in the student's anticipated final semester. Fall, Spring

Prerequisite(s) FRSC 3300 and FRSC 3520.

### **FRSC 4790A - Forest Resources Internship**

Credit Hour(s) 3

This course provides students majoring in the BS-NRM degree with professional experience and helps prepare students for a career in natural resources through experiential learning.

Prerequisite(s) FRSC 2261 or FRSC 3290, with a minimum grade of C, a minimum 2.0 overall grade point average, and a minimum 60 overall earned credit hours toward the BS-NRM degree. Internships must be approved by the department head prior to enrollment.

### **FRSC 4890 - Special Topics in Forest Resources**

Credit Hour(s) 3

This customized course offers 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 or department head.

### **FRSC 4891 - Special Topics in Forest Resources**

Credit Hour(s) 3

This customized course offers 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 or department head.

### **FRSC 4892 - Special Topics in Forest Resources**

Credit Hour(s) 3

This customized course offers 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 or department head.

### **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.

## **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 of or exemption from Learning Support requirements in English.

## **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

This course 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.

### **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 major geographic issues and themes. Related issues of regional and community economic viability and social vitality in the context of settlement policies are addressed.

### **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 to 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.

### **GEOG 4890 - Special Topics in Geography**

Credit Hour(s) 3

This customized course offers 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 or department head.

**GEOG 4891 - Special Topics in Geography**

Credit Hour(s) 3

This customized course offers 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 or department head.

**GEOG 4892 - Special Topics in Geography**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Global Studies**

**GLST 3700A - 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.

Prerequisite(s) Permission of the dean.

**GLST 3700B - 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.

Prerequisite(s) Permission of the dean.



# 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 offers 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 or department head.

### **HSCI 4891 - Special Topics in Community Health**

Credit Hour(s) 3

This customized course offers 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 or department head.

### **HSCI 4892 - Special Topics in Community Health**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **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.

### **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.

### **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. This course satisfies state law requiring examination on Georgia and United States history. Credit toward graduation not allowed for HIST 2111 and HIST 2111H.

### **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. Credit toward graduation not allowed for HIST 2112 and HIST 2112H.

**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.

**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.

**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.

**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.

**HIST 3050 - Empires and Borderlands**

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 much about the human experience, past and present.

**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.

Prerequisite(s) HIST 2111 or HIST 2111H or HIST 2112 or HIST 2112H, with a minimum grade of C.

#### **HIST 3200 - Civil War Era America**

Credit Hour(s) 3

This course covers the Civil War Era, beginning with the rise of American slavery in the 1830's, important debates and events leading up to the Civil War, the war and home front, and ends with a review of Reconstruction and its goals of healing the nation. The course will regularly explore themes of race, gender, class and memory throughout the semester.

Prerequisite(s) ENGL 1102 and HIST 2111 or HIST 2112 with a minimum grade of C.

#### **HIST 3280 - Farms, Factories, and Food**

Credit Hour(s) 3

From the 16th 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 be discussed in the course.

#### **HIST 3400 - History of Women in America**

Credit Hour(s) 3

This course will be an examination of American women's history, focusing on everyday concerns as well as women's contributions and achievements, including political activism, work, marriage, family, sexuality, reproduction, and education. The course will also examine the social and political forces that have aided or blocked change in women's roles in American society. Particular attention is paid to how different women experienced America in regards to, class, region, religion, and ethnicity.

Prerequisite(s) ENGL 1102 or ENGL 1102H, and HIST 2111 or HIST 2111H or HIST 2112 or HIST 2112H, with a minimum grade of C.

#### **HIST 4020 - Military History of the United States**

Credit Hour(s) 3

The objective of this course is to understand and analyze the evolution of American national security policy and military history from colonial times to present. The course will approach American military history through several interrelated themes: the relationship between war, peace, military organizations, and society; political, organizational,

and technological changes in military affairs, and the concept of a unique "American Way of War."

Prerequisite(s) ENGL 1102 or ENGL 1102H, and HIST 2111 or HIST 2111H or HIST 2112 or HIST 2112H , with a minimum grade of C.

**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.

**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 much about the human experience, past and present.

**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 300 years. In addition to examining the slave trade and its participants, students 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 think and work.

**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, students 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 the Americas, 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.

**HIST 4350 - The Latino Experience in the Americas**

Credit Hour(s) 3

This course examines This course examines political, economic, social, and cultural aspects of the historical Latino experience in the United States and the rest of the Americas. Latino Americans have been and are important contributors and participants in an evolving American culture and economy. This course explores the challenges faced by Latino immigrants as they experienced at various times a political environment that could be welcoming for immigrant workers in one decade and hostile and anti-immigration the next. This course includes mentored research projects for students that may include field work within local communities.

Prerequisite(s) ENGL 1102 or ENGL 1102H, and HIST 2111 or HIST 2111H or HIST 2112 or HIST 2112H, with a minimum grade of C.

**HIST 4790A - History Internship**

Credit Hour(s) 3

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 3-credit-hour internship work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**HIST 4890 - Special Topics in History**

Credit Hour(s) 3

This customized course offers 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 or department head.

**HIST 4891 - Special Topics in History**

Credit Hour(s) 3

This customized course offers 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 or department head.

**HIST 4892 - Special Topics in History**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Horticulture**

**HORT 2201 - Principles of Plant Science**

Credit Hour(s) 3

Discussions 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 are emphasized. Fall, Spring

**HORT 2202 - Grounds Maintenance Equipment**

Credit Hour(s) 3

Discussions 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 special topics 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 special topics 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 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.

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 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 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 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 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 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.

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

**HORT 2241 - Grounds Management**

Credit Hour(s) 3

Discussions 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 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 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

This course familiarizes students in the principles and theories of modern fruit, nut, and vegetable crop production. Emphasis is placed on the major fruit and vegetable crops of the Southeast. All aspects are covered from initial planning to market. Spring

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

**HORT 3202 - Grounds Maintenance Equipment II**

Credit Hour(s) 3

Advanced study of the theory, operation, maintenance, and repair of turfgrass equipment. Includes discussion of cutting unit maintenance and repair, height of cut procedures, reel grinding procedures, bedknife grinding procedures, and vertical mowing practices. Core aeration and top-dressing equipment practices will also be discussed.

Prerequisite(s) HORT 2202 or AENT 1113.

**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 3770 - Interior Landscapes**

Credit Hour(s) 3

Discussions related to interior plants in residential and commercial applications. Emphasis placed on plant selection and design planning for interior properties. Installation, maintenance, and management of interior plants will also be discussed. Fall

Prerequisite(s) HORT 2270.

### **HORT 4080 - Principles of Plant Mineral Nutrition**

Credit Hour(s) 3

The objective of this course is to provide the student with a basic and applied knowledge of plant mineral nutrition. The supply and absorption of chemical compounds needed for growth, development, and metabolism may be defined as nutrition and the chemical compounds required by plants are termed nutrients. The criteria defining essential plant nutrients and detailed discussion of the specific nutrients will be the primary focus of the course. The importance of these nutrients for plant growth and development, the function of these nutrients in the plant, and deficiencies of the nutrients will be topics that are discussed.

Prerequisite(s) AGRY 2020 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 4550 - Horticulture Design Implementation**

Credit Hour(s) 3

Discussions on advanced horticulture design along with plant selection and geographic region considerations. Emphasis placed on computer aided landscape design (CAD). Master planning for ecological value, sustainability, and management will also be addresses. Spring

Prerequisite(s) HORT 2215.

### **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.

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 4790A - Environmental Horticulture Internship**

Credit Hour(s) 3

An experiential learning experience selected by students and approved by their academic advisor forms the basis of this course allowing students to demonstrate learned technical knowledge and experience related to Environmental Horticulture. An orientation session must be completed prior to internship.

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

**HORT 4790B - Environmental Horticulture Internship**

Credit Hour(s) 3

An experiential learning experience selected by students and approved by their academic advisor forms the basis of this course allowing students to demonstrate learned technical knowledge and experience related to Environmental Horticulture. An orientation session must be completed prior to internship.

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

**HORT 4790C - Environmental Horticulture Internship**

Credit Hour(s) 3

An experiential learning experience selected by students and approved by their academic advisor forms the basis of this course allowing students to demonstrate learned technical knowledge and experience related to Environmental Horticulture. An orientation session must be completed prior to internship.

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

An experiential learning experience selected by students and approved by their academic advisor forms the basis of this course. Students apply problem solving skills, communication skills and disciplinary knowledge through full-time employment related to Environmental Horticulture. An orientation session must be completed prior to internship.

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 offers 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 or department head.

#### **HORT 4891 - Special Topics in Horticulture**

Credit Hour(s) 3

This customized course offers 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 or department head.

#### **HORT 4892 - Special Topics in Horticulture**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **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.

## **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. Credit toward graduation not allowed for HUMN 1100 and HUMN 1100H.

#### **HUMN 2221 - Western World Humanities I**

Credit Hour(s) 3

Fosters 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.

**HUMN 2222 - Western World Humanities II**

Credit Hour(s) 3

Fosters 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.

**HUMN 2700 - International Film**

Credit Hour(s) 3

This course examines various connections between international films and the societies and cultures they represent. By viewing, discussing, analyzing, comparing, and evaluating films from diverse eras and continents, students will experience a historical survey of the twentieth century in both a multicultural and global manner. Students will approach films in an analytical and critical mode, considering how they challenge or advance political, economic, and social values and institutions or how they represent the times and cultures in which they are made.

Prerequisite(s) ENGL 1101.

**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.

**HUMN 4890 - Special Topics in Humanities**

Credit Hour(s) 3

This customized course offers 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 or department head.

**HUMN 4891 - Special Topics in Humanities**

Credit Hour(s) 3

This customized course offers 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 or department head.

### **HUMN 4892 - Special Topics in Humanities**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Integrated Science**

### **ISCI 2001 - Life and Earth Science for Elementary Teachers**

Credit Hour(s) 3

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.

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

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.

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.

### **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

Prerequisite(s) ENGL 1101 or ENGL 1101H, 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

Prerequisite(s) ENGL 1101 or ENGL 1101H, with a minimum grade of C.

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.

## **Management**

### **MGMT 3130 - Principles of Management**

Credit Hour(s) 3

This course is a study of the basic managerial functions of planning, organizing, staffing, directing, and controlling resources to accomplish organizational goals. The course attempts to familiarize the student with the various functions, processes, and activities of management and to help the student appreciate the underlying theories that constitute the discipline of management. The emphasis of the course is on the skills and knowledge needed to successfully manage an organization. Fall, Spring

Prerequisite(s) ENGL 1102 or ENGL 1102H, ECON 2106 or AECO 2258, 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 3130 or AECO 1150, and MATH 2000 or MATH 1401, and CISM 2100 with a minimum grade of C.

**MGMT 3620 - Service Management**

Credit Hour(s) 3

This class is concerned with the design and delivery of services: how to design and improve the service offering for sustained excellence, and how to identify and overcome key challenges in the service delivery. We consider a wide range of industries: from traditional services such as restaurants, to e-commerce, professional services, and services from both the public and private sector. Fall, Spring

Prerequisite(s) MGMT 3130 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. Fall, Spring

Prerequisite(s) MGMT 3130 or AECO 1150, with a minimum grade of C.

**MGMT 3670 - Human Resource Management**

Credit Hour(s) 3

This course includes a study of the recruitment, selection development, utilization, and maintenance of human resources by organizations. Emphasis is on work design, planning, assessing and compensating personnel, and creating and executing policies in a legal and ethical manner. Fall, Spring

Prerequisite(s) MGMT 3130 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, Spring

Prerequisite(s) MKTG 3131 or AECO 2260, and MGMT 3130 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, Spring

Prerequisite(s) MGMT 3130 or AECO 1150, and MKTG 3131 or AECO 2260, and FINA 3150 with a minimum grade of C.

**MGMT 4220 - Entrepreneurship**

Credit Hour(s) 3

This course will provide a comprehensive framework for learning the theories, process, and practice of entrepreneurship. The course integrates knowledge about small, middle and large businesses and looks at the behaviors of leaders in these settings. Fall, Spring

Prerequisite(s) MKTG 3131 or AECO 2260, and MGMT 3130 or AECO 1150, with a minimum grade of C.

**MGMT 4435 - Management of Quality**

Credit Hour(s) 3

This course covers the major principles of quality management: customer focus, continuous improvement, employee involvement, and process improvement. The course will use case studies and a project to gain knowledge in implementing quality management principles. Fall, Spring

Prerequisite(s) MGMT 3130 or AECO 1150, with a minimum grade of C.

**MGMT 4690 - Organizational Behavior**

Credit Hour(s) 3

This course focuses on the application of behavioral science theory and concepts to individual, interpersonal and group processes in a diverse work force. Course topics include personality traits, emotions, values, work attitudes, work motivation, organizational politics, group effectiveness and conflict. Fall, Spring

Prerequisite(s) MGMT 3130 or AECO 1150, and MGMT 3670, 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 an understanding of supply chain principles, the global nature of supply chains, and supply chain challenges and process implementation issues. Fall, Spring

Prerequisite(s) MGMT 3610 or MGMT 3650, with a minimum grade of C.

**MGMT 4890 - Special Topics in Management**

Credit Hour(s) 3

This customized course offers 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.

**MGMT 4891 - Special Topics in Management**

Credit Hour(s) 3

This customized course offers 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.

**MGMT 4892 - Special Topics in Management**

Credit Hour(s) 3

This customized course offers 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.

## **Marketing**

**MKTG 3131 - Principles of Marketing**

Credit Hour(s) 3

This course introduces students to the nature and scope of marketing. This introduction includes concepts such as: the basic marketing functions, marketing strategy, promotion, market planning, and pricing. Students will also learn about the strategic importance of marketing to an enterprise, whether it be a profit-oriented business firm or nonprofit organization. Fall, Spring

Prerequisite(s) ECON 2106 or AECO 2258, 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, Spring

Prerequisite(s) MKTG 3131 or AECO 2260, with a minimum grade of C.

**MKTG 4100 - Social Media Marketing**

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. Fall, Spring

Prerequisite(s) MKTG 3131 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. Fall, Spring

Prerequisite(s) MKTG 3131 or AECO 2260, with a minimum grade of C.

**MKTG 4800 - 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. Fall, Spring

Prerequisite(s) MKTG 3131 or AECO 2260, with a minimum grade of C.

**MKTG 4890 - Special Topics in Marketing**

Credit Hour(s) 3

This customized course offers 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.

**MKTG 4891 - Special Topics in Marketing**

Credit Hour(s) 3

This customized course offers 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.

**MKTG 4892 - Special Topics in Marketing**

Credit Hour(s) 3

This customized course offers 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.

## **Mathematics**

### **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 MATH 1001.

Prerequisite(s) Minimum placement requirements established by the University System of Georgia  
[https://www.usg.edu/academic\\_affairs\\_handbook/section2/C769](https://www.usg.edu/academic_affairs_handbook/section2/C769).  
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.

Prerequisite(s) Minimum placement requirements established by the University System of Georgia  
[https://www.usg.edu/academic\\_affairs\\_handbook/section2/C769](https://www.usg.edu/academic_affairs_handbook/section2/C769).  
Corequisite(s) MATH 1111.

### **MATH 1001 - Quantitative Reasoning**

Credit Hour(s) 3

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).

### **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.

Prerequisite(s) Minimum placement requirements established by the University System of Georgia  
[https://www.usg.edu/academic\\_affairs\\_handbook/section2/C769](https://www.usg.edu/academic_affairs_handbook/section2/C769).

### **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.

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

**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.

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

**MATH 1401 - Elementary Statistics**

Credit Hour(s) 3

This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics. Credit toward graduation not allowed for MATH 2000 and MATH 1401.

Prerequisite(s) MATH 1001 or MATH 1111, with a minimum grade of C.

**MATH 2008 - Foundations of Numbers and Operations**

Credit Hour(s) 3

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.

Prerequisite(s) MATH 1001, MATH 1111, or MATH 1113, with a minimum grade of C.

**MATH 2053 - Calculus I**

Credit Hour(s) 4

Topics include: limits, continuity, differentiation and integration, applications of the derivative and the integral. Credit toward graduation not allowed for MATH 2053 and MATH 1501.

Prerequisite(s) MATH 1112 or MATH 1113, with a minimum grade of C.

**MATH 2054 - Calculus II**

Credit Hour(s) 4

Topics include further study of applications of derivative and integral, transcendental functions, polar coordinates, conic sections, and infinite series.

Prerequisite(s) MATH 2053 or MATH 1501, 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) MATH 2053 or MATH 1501, 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) MATH 2054 with a minimum grade of C.

## **Music**

**MUSC 1001A - Secondary Piano (For Non-Keyboard Music Majors) I**

Credit Hour(s) 1

Basic, progressive proficiency in keyboard instruments. Students exit each section by satisfying proficiency barrier.

Prerequisite(s) Music majors only.

Corequisite(s) MUSC 1134.

**MUSC 1001B - Secondary Piano (For Non-Keyboard Music Majors) II**

Credit Hour(s) 1

Basic, progressive proficiency in keyboard instruments. Students exit each section by satisfying proficiency barrier.

Prerequisite(s) Music majors only.  
Corequisite(s) MUSC 1135.

**MUSC 1001C - Secondary Piano (For Non-Keyboard Music Majors) III**

Credit Hour(s) 1

Basic, progressive proficiency in keyboard instruments. Students exit each section by satisfying proficiency barrier.

Prerequisite(s) Music majors only.  
Corequisite(s) MUSC 2234.

**MUSC 1001D - Secondary Piano (For Non-Keyboard Music Majors) IV**

Credit Hour(s) 1

Basic, progressive proficiency in keyboard instruments. Students exit each section by satisfying proficiency barrier.

Prerequisite(s) Music majors only.  
Corequisite(s) MUSC 2235.

**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).

Prerequisite(s) Music majors only; 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.

**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. Fall

Prerequisite(s) Music majors only.  
Corequisite(s) MUSC 1001A and MUSC 1134L.

**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. Fall

Prerequisite(s) Music majors only.  
Corequisite(s) MUSC 1134.

### **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. Spring

Prerequisite(s) Music majors only; MUSC 1134 with a minimum grade of C.  
Corequisite(s) MUSC 1001B and MUSC 1135L.

### **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. Spring

Prerequisite(s) Music majors only; MUSC 1134L with a minimum grade of C.  
Corequisite(s) MUSC 1135.

### **MUSC 1181A - 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.

### **MUSC 1181B - 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.

### **MUSC 1182A - 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.

Prerequisite(s) Music majors only.

**MUSC 1182B - 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.

Prerequisite(s) Music majors only.

**MUSC 2080 - Concert Band**

Credit Hour(s) 1

Open to students who have been a member of a junior or senior high school band.

Prerequisite(s) Instructor approval.

**MUSC 2090 - Concert Choir**

Credit Hour(s) 1

Open to students who have been a member of a school or church choir.

Prerequisite(s) Instructor approval.

**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. Fall

Prerequisite(s) Music majors only; MUSC 1135 with a minimum grade of C.

Corequisite(s) MUSC 1001C.

**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. Fall

Prerequisite(s) Music majors only; 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. Spring

Prerequisite(s) Music majors only; MUSC 2234 with a minimum grade of C.  
Corequisite(s) MUSC 1001D.

**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. Spring

Prerequisite(s) Music majors only; MUSC 2234L with a minimum grade of C.

**MUSC 2281A - 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.

**MUSC 2281B - 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.

**MUSC 2281C - 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.

**MUSC 2281D - 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.

**MUSC 2281E - 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.

**MUSC 2281F - 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.

**MUSC 2282A - 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 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.

Prerequisite(s) Music majors only.

**MUSC 2282B - 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 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.

Prerequisite(s) Music majors only.

**MUSC 2282C - 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 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.

Prerequisite(s) Music majors only.

**MUSC 2282D - 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 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.

Prerequisite(s) Music majors only.

**MUSC 2282E - 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 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.

Prerequisite(s) Music majors only.

**MUSC 2282F - 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 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.

Prerequisite(s) Music majors only.

**MUSC 2287 - Jazz Choir**

Credit Hour(s) 1

Open to students who are a member of the chorus.

Prerequisite(s) Instructor approval.

**MUSC 2290 - Jazz Ensemble**

Credit Hour(s) 1

Open to students who are a member of the concert band. 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.

Prerequisite(s) Instructor approval and audition.

**MUSC 2291 - Small Group Ensemble**

Credit Hour(s) 1

Open to students who sing or suitably play a musical instrument.

Prerequisite(s) Instructor approval and audition.

**MUSC 2292 - Jazz Combo**

Credit Hour(s) 1

Open to any student who can sing or suitably play a musical instrument.

Prerequisite(s) Instructor approval and audition.

**MUSC 4300 - American Popular Music: A Multicultural Study**

Credit Hour(s) 3

Designed to study America's 200 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 offers 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 or department head.

**MUSC 4891 - Special Topics in Music**

Credit Hour(s) 3

This customized course offers 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 or department head.

**MUSC 4892 - Special Topics in Music**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Nursing**

**NURS 1108 - 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 clients from young adulthood through later maturity who require assistance in meeting physiological and psychosocial needs. Fall, Spring

Corequisite(s) NURS 1109.

**NURS 1109 - 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. Fall, Spring

Corequisite(s) NURS 1108.

**NURS 1109B - 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. This course is for students in the one-year bridge registered nursing program. Summer

Corequisite(s) NURS 1115B.

**NURS 1110 - Medical/Surgical One**

Credit Hour(s) 6

This course is a study of the perioperative client and clients 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 clients experiencing these health alterations.

Prerequisite(s) NURS 1108 and NURS 1109, with a minimum grade of C.

Corequisite(s) (none) *[for Tifton students entering Summer or Fall 2018]* | NURS 1116 *[Spring 2019]*.

**NURS 1115B - 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. This course is for students in the one-year bridge registered nursing program. Summer

Corequisite(s) NURS 1109B.

**NURS 1116 - Mental Health Nursing**

Credit Hour(s) 0 [Fall 2018] 2 [Spring 2019]

This course is an introduction to mental health nursing focusing on caring for clients who are experiencing acute and chronic psychiatric illnesses across the lifespan in a variety of clinical settings. The major focus of the course is on the utilization of the nursing process and evidence-based practice to provide care.

Prerequisite(s) NURS 1108 and NURS 1109, with a minimum grade of C.

Corequisite(s) NURS 1110.

**NURS 1116B - Mental Health Nursing**

Credit Hour(s) 0 [Fall 2018, Spring 2019] 2 [Summer 2019]

This course is an introduction to mental health nursing focusing on caring for clients who are experiencing acute and chronic psychiatric illnesses across the lifespan in a variety of clinical settings. The major focus of the course is on the utilization of the nursing process and evidence-based practice to provide care. This course is for students in the one-year bridge registered nursing program. Fall

Prerequisite(s) NURS 1109B, NURS 1115B, BIOL 2050 and BIOL 2050L, with a minimum grade of C.  
Corequisite(s) NURS 2207B and NURS 2208B.

**NURS 2207 - Medical/Surgical Two**

Credit Hour(s) 6

This course is a study of clients 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 clients experiencing these health alterations.

Prerequisite(s) NURS 1110 and BIOL 2050+BIOL 2050L, with a minimum grade of C [*for Tifton students entering Summer or Fall 2018*] | NURS 1110, NURS 1116, and BIOL 2050+BIOL 2050L, with a minimum grade of C [*Spring 2019*].  
Corequisite(s) NURS 2208.

**NURS 2207B - Medical/Surgical Two**

Credit Hour(s) 6

This course is a study of clients 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 clients experiencing these health alterations. Clinical activities build on prior healthcare experience. This course is for students in the one-year bridge registered nursing program. Fall

Prerequisite(s) NURS 1109B, NURS 1115B, and BIOL 2050+BIOL 2050L, with a minimum grade of C in each.  
Corequisite(s) NURS 2208B [*Fall 2018 and Spring 2019*] | NURS 1116B and NURS 2208B [*Summer 2019*]

**NURS 2208 - Maternal-Child & Women's Health**

Credit Hour(s) 4 [Fall 2018] | 3 [Spring 2019]

This course is a study of female clients 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 clients, newborn infants and clients experiencing health alterations specific to females.

Prerequisite(s) NURS 1110, and BIOL 2050+BIOL 2050L, with a minimum grade of C. [*for Tifton students entering Summer or Fall 2018*] | NURS 1110, NURS 1116, and BIOL 2050+BIOL 2050L, with a minimum grade of C. [*Spring 2019*]  
Corequisite(s) NURS 2207.

**NURS 2208B - Maternal-Child & Women's Health**

Credit Hour(s) 4 [Fall 2018, Spring 2019] | 3 [Summer 2019]

This course is a study of female clients 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 clients, newborn infants, and clients experiencing health alterations specific to females. A project involving cultural implications is included. This course is



for students in the one-year bridge registered nursing program. Fall, Summer

Prerequisite(s) NURS 1109B, NURS 1115B, and BIOL 2050+BIOL 2050L, with a minimum grade of C.

Corequisite(s) NURS 2207B. *[for Tifton students entering Fall 2018 or Spring 2019]* | NURS 1116B and NURS 2207B.

#### **NURS 2209 - Pediatrics**

Credit Hour(s) 4 [Fall 2018] | 3 [Spring 2019]

This course is a study of the nursing care of culturally diverse pediatric clients 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 clients. Fall, Spring

Prerequisite(s) NURS 2207 and NURS 2208, with a minimum grade of C.

Corequisite(s) NURS 2210.

#### **NURS 2209B - Pediatrics**

Credit Hour(s) 4 [Fall 2018] | 3 [Spring 2019]

This course is a study of the nursing care of culturally diverse pediatric clients 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 clients. This course is for students in the one-year bridge registered nursing program. Fall, Spring

Prerequisite(s) NURS 2207B and NURS 2208B, with a minimum grade of C. *[for Tifton students entering Summer or Fall 2018]* | NURS 1116B, NURS 2207B, and NURS 2208B, with a minimum grade of C. *[Spring 2019]*

Corequisite(s) NURS 2210B.

#### **NURS 2210 - Medical/Surgical Three**

Credit Hour(s) 6

This course is a study of clients 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 clients experiencing complex and/or multiple health alterations. Fall, Spring

Prerequisite(s) NURS 2207 and NURS 2208, with a minimum grade of C.

Corequisite(s) NURS 2209.

#### **NURS 2210B - Medical/Surgical Three**

Credit Hour(s) 6

This course is a study of clients 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 clients experiencing complex and/or multiple health alterations. This course is for students in the one-year bridge registered nursing program. Spring

Prerequisite(s) NURS 2207B and NURS 2208B, with a minimum grade of C. *[for Tifton students entering Fall 2018 or*

*Spring 2019*] | NURS 1116B, NURS 2207B, and NURS 2208B, with a minimum grade of C. [*Summer 2019*]  
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.

#### **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 or NURS 2209B, and NURS 2210 or NURS 2210B, with a minimum grade of C.  
Corequisite(s) SCIE 1003 strongly encouraged.

## **Perspectives**

### **PRSP 1010 - Perspectives on Human Expression**

Credit Hour(s) 1

Perspectives on Human Expression introduces a selected genre as an expression of its culture. It traces the genre's historical and literary development, examines its elements, and analyzes characterizations, stereotypes, moral issues, and themes.

### **PRSP 1020 - Perspectives on Global Issues**

Credit Hour(s) 2

Perspectives on Global Issues is an issue-focused course that requires students to consider various viewpoints, analyze historical and/or modern issues, and reflect on what it means to be an informed citizen in an increasingly diverse society. The goal is to help students value different positions, appreciate a global perspective of our world, and think in-depth about social, cultural, historical, scientific, and/or ethical issues. Courses will vary based on the issue, but each course will examine multiple viewpoints in order to develop a broad understanding of the subject.

## **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 topics 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 teaches and applies the principles of lifetime physical fitness, directly utilizing four of the five major components of cardiorespiratory endurance, 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.

Prerequisite(s) PHED 1115 with a minimum grade of C.

**PHED 1120 - Challenge Course**

Credit Hour(s) 1

This course enhances students' physical fitness through participation in cardio games, group initiatives, and individual challenges. Students will develop a game portfolio and make a group initiative.

**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 course 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.

**PHED 1125 - Fitness for Life Walking**

Credit Hour(s) 1

A course 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 course 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 course 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 course 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

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 course 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. This course covers terminology and movements used in various line dances.

**PHED 1151 - Country/Western Line Dance II**

Credit Hour(s) 1

This course covers terminology and movements used in various line dances.

Prerequisite(s) PHED 1150 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.

**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.

**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. (Health requirement not satisfied by this course.)

**PHED 1180 - Varsity Sports I**

Credit Hour(s) 1

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.

Prerequisite(s) Varsity athletes only in their sport of participation.

**PHED 1190 - Varsity Sports II**

Credit Hour(s) 1



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.

Prerequisite(s) Varsity athletes only in their sport of participation.

## **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.

Prerequisite(s) MATH 1001 or MATH 1111, with a minimum grade of C.

Corequisite(s) PHSC 1011L.

### **PHSC 1011L - Physical Science I Laboratory**

Credit Hour(s) 1

Corequisite(s) PHSC 1011.

### **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

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

Corequisite(s) MATH 1001 or MATH 1111; PHSC 1012L.

### **PHSC 1012L - Physical Science II Laboratory**

Credit Hour(s) 1

Spring, Summer

Corequisite(s) PHSC 1012.

## **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. Credit toward graduation not allowed for PHSY 1111 and PHYS 2211 and PHYS

2211K. Fall, Spring

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

Credit toward graduation not allowed for PHSY 1111L and PHYS 2211L and PHYS 2211K. Fall, Spring

Corequisite(s) PHYS 1111.

**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. Credit toward graduation not allowed for PHYS 1112 and 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

Credit toward graduation not allowed for PHSY 1112L and PHYS 2212L and PHYS 2212K . Spring

Corequisite(s) PHYS 1112.

**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. Credit toward graduation not allowed for PHYS 2211 and PHYS 1111 and PHYS 2211K. Fall

Prerequisite(s) MATH 2053 or MATH 1501, with a minimum grade of C.

Corequisite(s) PHYS 2211L.

**PHYS 2211L - Principles of Physics I Laboratory**

Credit Hour(s) 1

Fall

Corequisite(s) PHYS 2211.

**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. Credit toward graduation not allowed for PHYS 2212 and PHYS 1112. Spring

Prerequisite(s) PHYS 2211+PHYS 2211L or PHYS 2211K, with a minimum grade of C.  
Corequisite(s) PHYS 2212L.

**PHYS 2212L - Principles of Physics II Laboratory**

Credit Hour(s) 1

Credit toward graduation not allowed for PHSY 2212L and PHYS 1112L and PHYS 2212K. Spring

Corequisite(s) PHYS 2212.

## **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. Credit toward graduation not allowed for POLS 1101 and POLS 1101H.

**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.

**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.

**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 over time. Through the examination of historical political accounts, this course 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.

**POLS 3060 - Political Thought: 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.

Prerequisite(s) POLS 1101 and ENGL 1102, with a minimum grade of C.

**POLS 3065 - 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.

Prerequisite(s) ENGL 1102 and POLS 1101 with a minimum grade of C.

**POLS 3100 - American Political Institutions**

Credit Hour(s) 3

This course overviews the major American political institutions of Congress and the Presidency. It will emphasize the institutional development of each branch and their current role in the American political process. Focus will be given to

how each branch operates, interactions with other American institutions (courts, political parties, etc.), and current challenges facing each.

**POLS 3200 - Parties and Elections**

Credit Hour(s) 3

This course overviews major themes surrounding American political parties and elections. Focus is split into several areas; the development of political parties, the American party system, voter behavior. Students will be introduced to major theories and foundations that underlie the role of the major parties in the modern political system.

**POLS 3400 - American Law and Politics**

Credit Hour(s) 3

Examines the nature and purpose of law. Attention to the structure of the federal and state court systems as well as judicial process. Emphasis on areas of law such as common and civil law, public and private law. Course also analyzes political factors influencing the judicial branch, including Supreme Court appointments and judicial decision making.

Prerequisite(s) ENGL 1102 and POLS 1101 with a minimum grade of C.

**POLS 3570 - Introduction to Public Policy**

Credit Hour(s) 3

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 policymaking environment is examined, with attention given to the stages of policymaking 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.

**POLS 4080 - Political Communication**

Credit Hour(s) 3

The primary objective of this course 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.

**POLS 4210 - Constitutional Law: Civil Rights and Liberties**

Credit Hour(s) 3

Examines the development of major constitutional doctrines and theories of judicial review by the Supreme Court. Attention to freedom of speech and the press, religious liberty, the right of privacy and equal protection of the laws.

Prerequisite(s) ENGL 1102 and POLS 1101 with a minimum grade of C.

**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.

**POLS 4790A - Political Science Internship**

Credit Hour(s) 3

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 3-credit-hour internship work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**POLS 4890 - Special Topics in Political Science**

Credit Hour(s) 3

This customized course offers 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 or department head.

**POLS 4891 - Special Topics in Political Science**

Credit Hour(s) 3

This customized course offers 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 or department head.

**POLS 4892 - Special Topics in Political Science**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Psychology**

### **PSYC 1101 - Introduction to General Psychology**

Credit Hour(s) 3

A broad survey of the major topics in psychology including 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 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 basis 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 offers 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 or department head.

**PSYC 4891 - Special Topics in Psychology**

Credit Hour(s) 3

This customized course offers 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 or department head.

**PSYC 4892 - Special Topics in Psychology**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **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.

### **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.

### **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.

## **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.

### **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 offers 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 or department head.

**RELG 4891 - Special Topics in Religion**

Credit Hour(s) 3

This customized course offers 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 or department head.

**RELG 4892 - Special Topics in Religion**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **Research**

**RSCH 1100 - Research and Documentation Methods**

Credit Hour(s) 2

This course introduces essential collegiate-level research and documentation methods and standards. Students will engage in current research methods, apply practical research skills, and properly incorporate and document their research into original research projects based upon subject matter arising out of the students' own interests and/or guided by the instructor's area of expertise. The assignments for this course require students to analyze, assess, and compare and contrast information from multiple sources, including print publications, online resources, and firsthand interviews. Students' work will be evaluated according to both the successful incorporation of research and the degree to which it employs proper research methods, practices, and standards.

## **Research Methods**

**RESM 3050 - Historical Methods and Skills**

Credit Hour(s) 3

This course focuses on developing the tools necessary to perform original research including finding and evaluating primary sources and learning to situate original research within the context of related secondary source material. Students will hone their skills in historical comprehension, historical analysis, historical research, and historical interpretation.

Prerequisite(s) HIST 2111 or HIST 2112 with a minimum grade of C and ENGL 1102 with a minimum grade of C.

**RESM 3060 - Introduction to 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 or MATH 1401.

**RESM 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 or MATH 1401.

## **Rural Community Development**

**RCDV 3000 - Introduction to Rural Community Development**

Credit Hour(s) 3

This course is an introduction to the essential ideologies surrounding the field of Rural Community Development, providing students with a survey of pertinent work by major scholars in the field, the various studies in the discipline, and an introduction to fundamental research methods applicable to the study of rural spaces.

Prerequisite(s) Completion of lower-division studies (upperclassman standing).

**RCDV 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.

**RCDV 4790A - Rural Community Development Internship**

Credit Hour(s) 3

This course offers 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 work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**RCDV 4790B - Rural Community Development Internship**

Credit Hour(s) 3

This course offers 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 work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**RCDV 4790C - Rural Community Development Internship**

Credit Hour(s) 3

This course offer sstudents 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 work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**RCDV 4791 - Rural Community Development Internship**

Credit Hour(s) 6

This course offers 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 work with moderate (less than in a 3-credit-hour internship) supervision and complete work that is project-based. Students must work a minimum of 270 hours on the internship.

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

**RCDV 4792 - Rural Community Development Internship**

Credit Hour(s) 9

This course offers 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 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.

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

**RCDV 4980 - Capstone: Senior Project**

Credit Hour(s) 3

Each student works closely with a designated faculty mentor on a mentored research or community development project.

Prerequisite(s) Senior Standing.

**RCDV 4990 - Capstone Seminar**

Credit Hour(s) 3

Students will be asked to integrate and demonstrate discipline knowledge, critical thinking, and communication skills through a variety of course activities.

Prerequisite(s) Senior Standing.

## **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.

**RLST 4890 - Special Topics in Rural Studies**

Credit Hour(s) 3

This customized course offers 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 or department head.

**RLST 4891 - Special Topics in Rural Studies**

Credit Hour(s) 3

This customized course offers 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 or department head.

**RLST 4892 - Special Topics in Rural Studies**

Credit Hour(s) 3

This customized course offers 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 or department head.

**RLST 4980 - Capstone: 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 develop a business plan for a business of their choosing or design a substantial writing/communication project appropriate to their individual career goals. All projects must have approval of the instructor and the major advisor.

Prerequisite(s) Senior Standing.

**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. Spring

Prerequisite(s) Senior Standing.

## 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.

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

**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.

**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. Credit toward graduation not allowed for SCIE 1005 and ENV5 2202.

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

#### **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.

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

#### **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. Fall

Prerequisite(s) Completion of or exemption from Learning Support requirements in English and Mathematics, PHSC 1011+PHSC 1011L, PHSC 1012+PHSC 1012L, or BIOL 1107+BIOL 1107L or BIOL 1107H, with a minimum grade of C.

#### **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. Spring

Prerequisite(s) Completion of or exemption from Learning Support requirements in English and Mathematics, PHSC 1011+PHSC 1011L, or PHSC 1012+PHSC 1012L, with a minimum grade of C.

## **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 include such themes as American values, gender issues, and current political or social issues.

## **Sociology**

**SOCI 1101 - Introduction to Sociology**

Credit Hour(s) 3

This course will examine sociological theory, methods, and selected substantive areas, such as sex, age, gender, social class, and race/ethnicity.

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

**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. Credit toward graduation not allowed for SOCI 2293 and FACS 2293.

**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 offers 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 or department head.

**SOCI 4891 - Special Topics in Sociology**

Credit Hour(s) 3

This customized course offers 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 or department head.

**SOCI 4892 - Special Topics in Sociology**

Credit Hour(s) 3

This customized course offers 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 or department head.

## **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. 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.

**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.

**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.

**SPAN 2001 - Intermediate Spanish I**

Credit Hour(s) 3

A rapid review of grammar with continued use of listening, speaking, and reading and writing skills in Spanish, all with a cultural emphasis.

Prerequisite(s) SPAN 1002 with a minimum grade of C.

**SPAN 2002 - Intermediate Spanish II**

Credit Hour(s) 3

This course focuses on listening, speaking, and reading and writing skills in Spanish in an introduction to literature and within a cultural context.

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 Individuals with Disabilities in Education Act (IDEA); the causes and characteristics of identified exceptionalities; procedures for co-teaching, supporting and accommodating students with disabilities; and how the Individualized Education Plan (IEP) process works.

## **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.

**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, and assistant director.

**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

## **Writing Communication**

**WRCM 3000 - Introduction to Writing and Communication**

Credit Hour(s) 3

This course introduces students to a range of topics, issues, approaches, and methods in the fields of writing and communication. This course offers students an exposure to scholarship and research and an exploration of career options for the major.

Prerequisite(s) ENGL 1102 with a minimum grade of C.

**WRCM 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 nonprofits, 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

**WRCM 4790A - Writing and Communication Internship**

Credit Hour(s) 3

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 3-credit-hour internship work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**WRCM 4790B - Writing and Communication Internship**

Credit Hour(s) 3

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 3-credit-hour internship work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**WRCM 4790C - Writing and Communication Internship**

Credit Hour(s) 3

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 3-credit-hour internship work with close supervision and experience various tasks on-site. Students must work a minimum of 135 hours on the internship.

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

**WRCM 4791 - Writing and Communication Internship**

Credit Hour(s) 6

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 6-credit-hour internship work with moderate supervision (less supervision 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.

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

#### **WRCM 4792 - Writing and Communication Internship**

Credit Hour(s) 9

This course offers students an opportunity to gain practical work experience in a field related to the 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 outcomes; a summative evaluation by the supervisor; and experiential reports and a presentation from students. Students in a 9-credit-hour internship 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.

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

#### **WRCM 4980 - Capstone: Senior Project**

Credit Hour(s) 3

Students work with a mentor on a Mentored Research Project.

Prerequisite(s) Senior Standing.

#### **WRCM 4990 - Capstone Seminar**

Credit Hour(s) 3

Through a variety of course activities, students are required to integrate and demonstrate what they've learned in their program's curriculum. Discipline knowledge, critical thinking, and communication skills are emphasized.

Prerequisite(s) Senior Standing.

## **eCore**

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 of Georgia (USG). eCore courses are taught by instructors from SACSCOC accredited institutions within the USG, and are transferrable within the USG as well as to most regionally accredited schools. All eCore courses require the completion of an eCore Introduction Quiz. Visit ABAC's eCore website, <http://www.abac.edu/academics/ecore>, for more information. For eCore course descriptions, visit <https://ecore.usg.edu/courses/course-descriptions/>

#### **ARTS 1100 - Art Appreciation (eCore)**

Credit Hour(s) 3

This course focuses on fostering an awareness, understanding, and appreciation for the visual arts. Through exposure to

cross-cultural art images throughout history, students will build a global artistic vocabulary that allows for the constructive analysis of art objects. Students will also gain an understanding of the influence of art on other important aspects of culture including politics, history, religion, and science.

Prerequisite(s) eCore Introduction Quiz.

**BIOL 1011K - Introduction to Biology and Lab (eCore)**

Credit Hour(s) 4

An introduction to fundamental unifying principles in biology. Topics covered in the course include chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution. This course involves both lecture and lab components. Note: This course has a laboratory component that requires you to purchase a lab kit. Credit toward graduation not allowed for BIOL 1011K and BIOL 1107H and BIOL 1107 and BIOL 1107L and non-Science Biology I courses.

Prerequisite(s) eCore Introduction Quiz.

**CHEM 1211K - Principles of Chemistry I and Lab (eCore)**

Credit Hour(s) 4

The first course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. Note: This course has a laboratory component that requires you to purchase a lab kit and gather a list of household materials. Credit toward graduation not allowed for CHEM 1211K and CHEM 1211H and CHEM 1211 and CHEM 1211L.

Prerequisite(s) eCore Introduction Quiz, Completion of or exemption from Learning Support requirements in English, and MATH 1111 with a minimum grade of C.

**CHEM 1212K - Principles of Chemistry II and Lab (eCore)**

Credit Hour(s) 4

This course covers the fundamental principles and applications of chemistry designed for science majors. Topics to be covered include intermolecular forces, properties of solutions, chemical kinetics, chemical equilibrium, chemical thermodynamics, and electrochemistry. Laboratory exercises supplement the lecture material. Note: This course has a laboratory component that requires you to purchase a lab kit and gather a list of household materials. Credit toward graduation not allowed for CHEM 1212K and CHEM 1212H and CHEM 1212 and CHEM 1212L and non-Science Chemistry II courses.

Prerequisite(s) eCore Introduction Quiz; A minimum grade of C in the following courses: MATH 1111 and (CHEM 1211K) or (CHEM 1211 and CHEM 1211L).

**COMM 1100 - Human Communication (eCore)**

Credit Hour(s) 3

A broad approach to oral communication skills including intrapersonal, interpersonal, small group, and public speaking. Credit toward graduation not allowed for COMM 1100 and COMM 1100H.

Prerequisite(s) eCore Introduction Quiz.

**ECON 2105 - Principles of Macroeconomics (eCore)**

Credit Hour(s) 3

This course is the study of how the economy, as a whole, functions. The course is intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies.

Prerequisite(s) Completion of or exemption from Learning Support requirements in English and Mathematics and the eCore Introduction Quiz.

**ENGL 1101 - English Composition I (eCore)**

Credit Hour(s) 3

A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation. The course includes an introductory use of a variety of research skills. Credit toward graduation not allowed for ENGL 1101 and ENGL 1101H.

Prerequisite(s) eCore Introduction Quiz.

**ENGL 1102 - English Composition II (eCore)**

Credit Hour(s) 3

A composition course that develops writing skills beyond the level of proficiency required by English Composition I. English Composition II emphasizes interpretation and evaluation, and incorporates a variety of more advanced research methods. Credit toward graduation not allowed for ENGL 1102 and ENGL 1102H.

Prerequisite(s) eCore Introduction Quiz, and a minimum grade of C in ENGL 1101.

**ENGL 2111 - World Literature I (eCore)**

Credit Hour(s) 3

A survey of important works of world literature from ancient times through the mid-seventeenth century. Credit toward graduation not allowed for ENGL 2111, ENGL 2114, and ENGL 2114H.

Prerequisite(s) eCore Introduction Quiz, and a minimum grade of C in ENGL 1102.

**ENGL 2112 - World Literature II (eCore)**

Credit Hour(s) 3

A survey of important works of world literature from the mid-seventeenth century to the present. Credit toward graduation not allowed for ENGL 2112, ENGL 2115, and ENGL 2115H.

Prerequisite(s) eCore Introduction Quiz, and a minimum grade of C in ENGL 1102.

**ENGL 2131 - American Literature I (eCore)**

Credit Hour(s) 3

A survey of American literature from the pre-colonial age to the mid-nineteenth century.

Prerequisite(s) eCore Introduction Quiz, and ENGL 1102 or ENGL 1102H, with a minimum grade of C.

**ENGL 2132 - American Literature II (eCore)**

Credit Hour(s) 3

A survey of American literature from the mid nineteenth century to the present.

Prerequisite(s) eCore Introduction Quiz, and ENGL 1102 or ENGL 1102H, with a minimum grade of C.

**ENVS 2202 - Environmental Science (eCore)**

Credit Hour(s) 3

Environmental Science, the study of interactions between humans and the environment, is an interdisciplinary science course that integrates principles from biology, chemistry, ecology, geology, and non-science disciplines. Issues of local, regional, and global concern will be used to help students explain scientific concepts and analyze practical solutions to complex environmental problems. Emphasis is placed on the study of ecosystems, human population growth, energy, pollution, and other environmental issues as well as important environmental regulations. Credit toward graduation not allowed for ENVS 2202 and SCIE 1005.

Prerequisite(s) eCore Introduction Quiz and Completion of or exemption from Learning Support requirements in English and Mathematics.

**ETEC 1101 - Electronic Technology in the Educational Environment (eCore)**

Credit Hour(s) 2

This course is an introduction to using personal computers to communicate with individuals and groups and to locate, analyze, organize, and present information. Emphasis is on exploring the role of technology in present, and future learning experiences. Topics include the digital divide, hardware, software, the internet and networks, privacy and security, and intellectual property in cyberspace. Students will use their practical technology skills to create formatted word-processed documents and an electronic presentation.

Prerequisite(s) eCore Introduction Quiz.

**GEOL 1121K - Introductory Geosciences I and Lab (eCore) (previously GEOL 1011K)**

Credit Hour(s) 4

This course covers Earth materials and processes. Note: This course has a laboratory component that requires you to purchase a lab kit.

Prerequisite(s) eCore Introduction Quiz.

**HIST 1111 - Survey of World History I (eCore)**

Credit Hour(s) 3



A survey of world history to early modern times.

Prerequisite(s) eCore Introduction Quiz.

**HIST 1112 - Survey of World History II (eCore)**

Credit Hour(s) 3

A survey of world history from 1500 to modern times.

Prerequisite(s) eCore Introduction Quiz.

**HIST 2111 - U. S. History I (eCore)**

Credit Hour(s) 3

A survey of U.S. History to the post-Civil War period. Credit toward graduation not allowed for HIST 2111 and HIST 2111.

Prerequisite(s) eCore Introduction Quiz.

**MATH 1101 - Introduction to Mathematical Modeling (eCore)**

Credit Hour(s) 3

This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results.

Prerequisite(s) eCore Introduction Quiz.

**MATH 1111 - College Algebra (eCore)**

Credit Hour(s) 3

This course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions.

Prerequisite(s) eCore Introduction Quiz.

**MATH 1113 - Pre-Calculus (eCore)**

Credit Hour(s) 3

This course is an intensive study of the basic functions needed for the study of calculus. Topics include algebraic, functional, and graphical techniques for solving problems with algebraic, exponential, logarithmic, and trigonometric functions and their inverses.

Prerequisite(s) eCore Introduction Quiz, and MATH 1101 or MATH 1111 (MATH 1111 only beginning Spring 2019), with a minimum grade of C.

**MATH 1401 - Elementary Statistics (eCore)**

Credit Hour(s) 3

This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics. Credit toward graduation not allowed for MATH 2000 and MATH 1401 .

Prerequisite(s) eCore Introduction Quiz, and MATH 1101, MATH 1111 or MATH 1113 (MATH 1001, MATH 1101, or MATH 1111 beginning Spring 2019), with a minimum grade of C.

**MATH 1501 - Calculus I (eCore)**

Credit Hour(s) 4

This course includes material on functions, limits, continuity, the derivative, anti-differentiation, the definite integral, and techniques of integration. Credit toward graduation not allowed for MATH 1501 and MATH 2053.

Prerequisite(s) eCore Introduction Quiz, and MATH 1113 (MATH 1112 or MATH 1113 beginning Spring 2019) with a minimum grade of C.

**MUSC 1100 - Music Appreciation (eCore)**

Credit Hour(s) 3

An introduction to music history, music literature, and critical listening skills.

Prerequisite(s) eCore Introduction Quiz.

**PHIL 2010 - Introduction to Philosophy (eCore)**

Credit Hour(s) 3

Introduction to the central issues, questions, and theories of Western Philosophy. Topics covered include logic & critical thinking; religion; knowledge & skepticism; philosophy of mind; freedom and determinism; and ethics.

Prerequisite(s) eCore Introduction Quiz.

**PHYS 2211K - Principles of Physics I and Lab (eCore)**

Credit Hour(s) 4

This introductory course will include material from mechanics, thermodynamics and waves. Elementary differential calculus will be used. This course has a laboratory component that requires specific materials. Credit toward graduation not allowed for PHYS 2211K and PHYS 2211 and PHYS 2211L and PHYS 1111 and PHYS 1111L.

Prerequisite(s) eCore Introduction Quiz, and MATH 1501 or MATH 2053, with a minimum grade of C.

**PHYS 2212K - Principles of Physics II and Lab (eCore)**

Credit Hour(s) 4

An introductory course that includes material from electromagnetism, optics, and modern physics. Elementary

differential and integral calculus will be used. Credit toward graduation not allowed for PHYS 2212K and PHYS 2212 and PHYS 2212L and PHYS 1112 and PHYS 1112L.

Prerequisite(s) eCore Introduction Quiz, PHYS 2211+PHYS 2211L or PHYS 2211K, with a minimum grade of C.

**POLS 1101 - American Government (eCore)**

Credit Hour(s) 3

A study of government and politics, including the philosophical and constitutional foundations, governing institutions, political behavior and major public policy issues. This course satisfies the State legislative requirement concerning the United States Constitution and the Georgia Constitution. Credit toward graduation not allowed for POLS 1101 and POLS 1101H.

Prerequisite(s) eCore Introduction Quiz.

**PSYC 1101 - Introduction to General Psychology (eCore)**

Credit Hour(s) 3

A broad survey of the major topics in psychology including research methodology, biological and social factors influencing behavior, development, learning, memory, and personality.

Prerequisite(s) eCore Introduction Quiz.

**SOCI 1101 - Introduction to Sociology (eCore)**

Credit Hour(s) 3

A survey of the discipline of sociology. Topics will include sociological theory, methods and selected substantive area.

Prerequisite(s) eCore Introduction Quiz and Completion of or exemption from Learning Support requirements in English.

**SPAN 2001 - Intermediate Spanish I (eCore)**

Credit Hour(s) 3

A rapid review of grammar with continued use of listening, speaking, and reading and writing skills in Spanish, all with a cultural emphasis.

Prerequisite(s) eCore Introduction Quiz, and SPAN 1002 with a minimum grade of C.

**SPAN 2002 - Intermediate Spanish II (eCore)**

Credit Hour(s) 3

This course focuses on listening, speaking, and reading and writing skills in Spanish in an introduction to literature and within a cultural context.

Prerequisite(s) eCore Introduction Quiz, and SPAN 2001 with a minimum grade of C.

## Honors

All courses in the Honors Program encourage students' participation through interactive classroom techniques; 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; and require Honors Program membership. For courses which include a separate honors contract, the student's transcript will indicate "(Honors)" in the Course Title.

### **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. Credit toward graduation not allowed for BIOL 1107H and BIOL 1107 and BIOL 1107L and BIOL 1011K and non-Science Biology I courses. Fall

Prerequisite(s) Honors Program membership.

### **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. Credit toward graduation not allowed for BIOL 1108H and BIOL 1108 and BIOL 1108L and non-Science Biology II courses.

Prerequisite(s) Honors Program membership; BIOL 1107+BIOL 1107L, with a minimum grade of B, or BIOL 1107H with a minimum grade of C.

### **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. Credit toward graduation not allowed for CHEM 1211H and CHEM 1211 and CHEM 1211L and CHEM 1211K and non-Science Chemistry I courses.

Prerequisite(s) Honors Program membership.

Corequisite(s) MATH 1111.

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

Credit Hour(s) 4

This course covers thermodynamics, kinetics, equilibrium, and selected descriptive chemistry. Lab exercises are designed to complement the course material. Credit toward graduation not allowed for CHEM 1212 and CHEM 1212H and CHEM 1212K. Spring

Prerequisite(s) Honors Program membership; A minimum grade of B in the following courses: ((CHEM 1211 and CHEM 1211L) or CHEM 1211K), and MATH 1111.

**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. Credit toward graduation not allowed for COMM 1100 and COMM 1100H. Fall

Prerequisite(s) Honors Program membership.

**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. Credit toward graduation not allowed for ECON 2105 and ECON 2105H. Fall

Prerequisite(s) Honors Program membership.

**ENGL 1101H - Composition I (Honors)**

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. This course is taught as a writing seminar and offers greater student interaction. Credit toward graduation not allowed for ENGL 1101 and ENGL 1101H. Fall

Prerequisite(s) Honors Program membership.

**ENGL 1102H - Composition II (Honors)**

Credit Hour(s) 3

A composition course which emphasizes analysis, interpretation, and evaluation of a variety of texts. The course focuses on academic writing and research. Credit toward graduation not allowed for ENGL 1102 and ENGL 1102H. Spring

Prerequisite(s) Honors Program membership; a minimum grade of C in ENGL 1101.

**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. Credit toward graduation not allowed for ENGL 2114 and ENGL 2114H. Fall

Prerequisite(s) Honors Program membership; a minimum grade of C in ENGL 1102.

**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. Credit toward graduation not allowed for ENGL 2115 and ENGL 2115H.

Prerequisite(s) Honors Program membership; 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. Credit toward graduation not allowed for ENGL 2116 and ENGL 2116H.

Prerequisite(s) Honors Program membership; ENGL 1102 or ENGL 1102H, with a minimum grade of C.

**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. This course satisfies state law requiring examination on Georgia and United States history. Credit toward graduation not allowed for HIST 2111 and HIST 2111H. Fall, odd-numbered years

Prerequisite(s) Honors Program membership.

**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. Credit toward graduation not allowed for HIST 2112 and HIST 2112H. Fall, even-numbered years

Prerequisite(s) Honors Program membership.

**HNRS 1102 - Honors Seminar**

Credit Hour(s) 1

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

Prerequisite(s) Honors Program membership.

**HUMN 1100H - Topics in the Humanities (Honors)**

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. Credit toward graduation not allowed for HUMN 1100 and HUMN 1100H. Fall

Prerequisite(s) Honors Program membership.

**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. Credit toward graduation not allowed for POLS 1101 and POLS 1101H. Spring

Prerequisite(s) Honors Program membership.

## 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, 2019)

Don L. Waters	Chair, Savannah
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C. Dean Alford, P. E.	Conyers
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## **Officers of the Board**

Steve Wrigley	Chancellor
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# **Abraham Baldwin Agricultural College**

## **Officers of Administration**

David C. Bridges	President
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Paul K. Willis	Executive Vice President for Finance and Operations/Chief of Staff
Robert E. Gerhart	Vice President of Technology/Chief Information Officer
Paul W. Williams	Interim Vice President for External Affairs
W. Michael Kirkland	Executive Director for ABAC at Bainbridge

## **Deans of Schools**

Mark J. Kistler	Agriculture and Natural Resources
Matthew J. Anderson	Arts and Sciences
Jaibun K. Earp	Nursing and Health Sciences
Renata L. Elad	Stafford School of Business

## Faculty

**Olumide R. Aborisade**, Assistant Professor of Agribusiness. Ph.D. (Agricultural and Applied Economics), Texas Tech University; M.S. (Environmental and Natural Resource Economics), University of Birmingham, United Kingdom; Bachelor of Technology (Agricultural Economics and Extension), Ladoko Akintola University of Technology, Nigeria. 2019

**April L. Abbott**, Lecturer of Mathematics. Ed.D. and M.Ed. (Adult & Career Education), Valdosta State University; B.S. (Mathematics), Georgia College & State University; A.S., Abraham Baldwin Agricultural College. 2014

**Matthew F. Aderholt**, Lecturer of Biology. M.S. (Integrative Biology) and B.S. (Biology), Kennesaw State University. 2017

**Yavuz Agan**, Assistant Professor of Management. Ph.D. and M.S. (Business Administration), The University of Memphis; M.B.A. (Management), New York Institute of Technology; B.S. (Computer Sciences and Engineering), Hacettepe University. 2018

**Jessica H. Akins**, Lecturer of Agricultural Communication. M.S. (Agricultural Education and Communication), University of Florida; B.S. (Sales and Marketing and Agricultural Communication), Purdue University. 2018

**Matthew J. Anderson**, Professor of Psychology and Dean, School of Arts and Sciences. Ph.D. and M.A. (Experimental Psychology), Kent State University; B.A. (Psychology), Susquehanna University. 2019

**Brandi L. Arrington**, Lecturer of English. M.F.A. (Fiction), The New School; B.A. (English), Valdosta State University. 2015

**Bonnie J. Asselin**, Professor of English. Ph.D. (English), Northeastern University; M.A. (English), University of Massachusetts. 2009

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**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

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**Christopher M. Beals**, Associate Professor of Biology. Ph.D. (Biological Science), Tennessee State University; M.S. (Biology), Georgia College & State University; B.A. (Biology), Mercer University. 2014

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**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 of Pennsylvania. 2017

**Tammy C. Carter**, Assistant Professor of Nursing. M.S. and B.S. (Nursing), Jacksonville State University; A.S. (Nursing), Abraham Baldwin Agricultural College. 2013

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**Heather M. 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

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**Jeffrey W. Conley**, Lecturer of Economics. M.S. (Economics), Florida State University; B.A. (Economics), University of Michigan-Flint. 2019

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**Joanne S. Littlefield**, Associate Professor of Agricultural Communication. Ph.D. (Public Communication and Technology), Colorado State University; M.A. (Mass Communication), Arizona State University; B.S. (Radio-Television), Southern Illinois University Carbondale. 2018

**Carlos J. Lopes**, Assistant Professor of Economics. Ph.D. and M.S. (Economics), University of Kentucky; B.B.A. (Economics), Marshall University. 2018

**Patricia B. Loveday**, Lecturer of Nursing. M.S. (Nursing) and B.S. (Nursing - RN to BSN), Chamberlain University; A.S. and A.H.Sc., Trident Technical College. 2019

**George A. Lowerts**, Associate 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 S. Luke-Morgan**, Assistant Professor of Agricultural Economics and Agribusiness. D.P.A. (Public Administration & Policy), Valdosta State University; M.S. (Ag Economics) and B.B.A. (Accounting), University of Georgia; A.S., Abraham Baldwin Agricultural College. 2012

**Franzelle J. Mathis-Pertilla**, Assistant Professor of Business. Ph.D. (Management), Walden University; M.B.A. (Finance and International Business), Mercer University; B.A. (Mass Communications), Clark Atlanta University. 2013

**Richard A. Matthews**, Assistant Professor of Biology. M.S. (Biology), Georgia College & State University; B.S. (Biology), Augusta State University. 2012

**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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**Sheila R. McLendon**, Associate Professor of Mathematics. M.S. (Higher Education), Walden University; B.S. (Secondary Education-Math), Troy State University; A.A., Bainbridge College. 2005

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**Allison L. Miller**, Lecturer of Animal Science. M.S. (Animal & Dairy Science), University of Georgia; B.S. (Animal Science), Berry College. 2016

**Randy F. Minton**, Lecturer in Business. M.B.A., Nova Southeastern University; B.A. (Accounting), Saint Francis College. 2019

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**Yu Zhang**, Professor of Computer Science. Ph.D., M.S., and B.S. (Mechanical Engineering), Northeastern University; M.S. (Computer Science), Georgia Southwestern State University. 2002

## Faculty Emeriti

Dr. Lew Akin	Professor Emeritus of Humanities
Dr. Ray Barber	Professor Emeritus of Biology
Dr. Leon Benefield	Professor Emeritus of Biology
Dr. Earl M. Bennett	Professor Emeritus of Mathematics
Dr. Rodney W. Brown	Professor Emeritus of Forest Resources
Mr. Dennis O. Bush, Jr.	Associate Professor Emeritus of Social Science
Mr. Ed Byers	Assistant Professor Emeritus of Criminal Justice
Mr. Thomas B. Call	Associate Professor Emeritus of Agronomy
Mr. Michael D. Chason	Director Emeritus of Public Relations
Mr. Don Coates	Associate Professor Emeritus of Music
Mr. Wayne Cooper	Professor & Division Chair Emeritus of Health, Physical Education & Recreation
Mr. Michael Curry	Associate Professor Emeritus of Mathematics
Mr. David Cowart	Associate Professor Emeritus of Mathematics
Dr. Jerry B. Davis	Professor Emeritus of Agricultural Engineering
Dr. Homer A. Day	Director Emeritus of College Administration
Dr. Joseph J. Day, Jr.	Professor Emeritus of Mathematics
Ms. Rosalyn Ray Donaldson	Associate Professor Emerita of English
Ms. Jeanie Doss	Assistant Professor Emerita of Family & Consumer Sciences
Dr. Gaye E. Elder	Professor Emerita of English

Mr. George Evans	Associate Professor Emeritus of Business Administration
Mr. John Dell Evans	Associate Professor Emeritus of Spanish
Dr. Ronald Faircloth	Professor Emeritus of Social Science
Dr. Jeff Gibbs	Professor Emeritus of Economics
Dr. Eddie Griggs	Professor Emeritus of Psychology
Mr. James H. Griner	Associate Professor Emeritus of Physical Science
Dr. Sue Hammons	Professor Emerita of Sociology
Dr. Harold P. Henderson	Professor Emeritus of Political Science
Mr. Norman "Red" Hill	Associate Professor Emeritus of Health, Physical Education & Recreation
Dr. Ronald Jones	Professor & Division Chair Emeritus of Ag/Forest Resources
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Mr. Richard L. Payne	Associate Professor Emeritus of Wildlife
Dr. Earl S. Parker	Professor Emeritus of Biology
Dr. George Powell	Professor Emeritus of Biology
Dr. Charlotte Pfeiffer	Professor Emerita of English
Ms. Alice "Kitty" Ray	Assistant Professor Emerita of Nursing
Dr. Gary L. Roberts	Professor Emeritus of History
Ms. Elizabeth M. Saxon	Assistant Professor Emerita of Mathematics
Dr. Eddie Seagle	Professor Emeritus of Agriculture and Environmental Horticulture
Ms. Nancy M. Scott	Assistant Professor Emerita of Business Administration
Dr. Herbert Shippey	Professor Emeritus of English
Mr. Lester T. Simpson	Associate Professor Emeritus of Business Administration
Ms. Helen Strickland	Associate Professor Emerita of Journalism/Humanities

Ms. Joann Sumner	Associate Professor Emerita of Nursing
Dr. Frank H. Thomas	Academic Dean and Professor Emeritus of Chemistry
Dr. Douglas D. Waid	Professor Emeritus of Wildlife and Forestry
Dr. E. Kay Weeks	Professor Emerita of Speech/English
Dr. William Wheeler	Professor & Division Chair Emeritus of Developmental Studies
Dr. Virginia Widstrom	Professor Emerita of Chemistry
Ms. Ellen Vickers	Assistant Professor Emerita of Health, Physical Education and Recreation
Ms. Andrea Willis	Associate Professor Emerita of Health, Physical Education and Recreation

## Presidents

W. W. Driskell, Second District A & M School	1908-09
W. G. Acree, Second District A & M School	1909-10
S. L. Lewis, Second District A & M School	1910-12
J. E. Hart, Second District A & M School	1912-14
S. L. Lewis, Second District A & M School	1914-25
S. L. Lewis, South Georgia A and M College	1925-29
F. G. Branch, Georgia State College for Men	1929-33
J. G. Woodroof, Abraham Baldwin Agricultural College	1933-34
George H. King, Abraham Baldwin Agricultural College	1934-47
George P. Donaldson, Abraham Baldwin Agricultural College	1947-61
J. Wilson Comer, Abraham Baldwin Agricultural College	1961-63
J. Clyde Driggers, Abraham Baldwin Agricultural College	1964-75
Stanley R. Anderson, Abraham Baldwin Agricultural College	1975-85
Wayne C. Curtis, Abraham Baldwin Agricultural College	1986-88
Harold J. Loyd, Abraham Baldwin Agricultural College	1989-99
Michael F. Vollmer, Abraham Baldwin Agricultural College	2001-04
David C. Bridges, Abraham Baldwin Agricultural College	2006-Present