

# The Division of Agriculture and Forest Resources

## B.A.S. in DIVERSIFIED AGRICULTURE

Diversified Agriculture can be focused on a number of careers within agribusiness. Agribusiness is a \$56.7 billion industry in Georgia and represents 16% of the state's employment base. Career targets include ag supply and manufacturing companies, cotton gins, financial institutions servicing agriculture, including local commercial banks; ag-related marketing businesses, seedstock sales companies and livestock cooperatives; food processors, and agriculture production firms such as farms, ranches and livestock feeding companies. Students will learn the principles of managing land, people, money and other resources to produce a profit while servicing the consuming public and conserving our natural renewable resources.

**Core Curriculum: Areas A-E (see pages 95-97)**

**AREA D: NON-SCIENCE MAJORS\***

**AREA F: Major Courses – 78 hours**

Required Career Block 39

Credit from the career block portion of an appropriate AAS\*\* will be applied toward the completion of the Major requirement.

Choose thirty-nine hours from the following:

AECO 3430	Agricultural Financial Management	3
AECO 3800	Food and Agriculture Marketing	3
AECO 4100	Agribusiness Management	3
AENG 3101	Metal Fabrication	3
AGRI 4500	Farm Operations	3
AGRP 3240	Weed Management	3
AGRP 3319	Agricultural Chemical Application Techniques	3
AGRP 4422	Insect Pest Management	3
AGRY 3510	Soil Fertility and Chemical Problems	3
ASLH 3318	Physiology of Reproduction	3
ASLH 4405	Applied Animal Nutrition	3
ASLH 4418	Assisted Reproductive Techniques	3
FRSC 3111	Agriculture and Resource Management	3
MGMT 4167	Human Resource Management	3
MKTG 3800	Principles of Marketing	3

**TOTAL 120**

PHED 1100 and two PE electives

- 120 hours required for BAS degree
- Regents' Exam is required.
- An appropriate AAS\*\* degree or at least 45 applicable credit hours and the lower division requirements must be met before admission to the BAS program.

\* Students should closely follow advisors' recommendations for appropriate selections in Area D science.

\*\*Appropriate AAS degrees are Agricultural Business Technology, Agricultural Engineering Technology, Agriculture Production Technology, and Livestock Production Technology.

## B.A.S. in TURFGRASS AND GOLF COURSE MANAGEMENT

Turfgrass and Golf Course Management offers education in golf turf, sports turf, professional lawn care, turf production and grounds management. Employment opportunities in the green industry are readily available for graduates. A grade of "C" or better is required for graduation for all classes with a HORT prefix. Students are encouraged to network with the related national and state professional associations as a student member. Specific scholarships may be available from these industry and professional organizations.

**Core Curriculum: Areas A-E (see pages 95-97)**

**AREA D: NON-SCIENCE MAJORS\***

**AREA F: Major Courses – 78 hours**

Required Career Block 39

Credit from the career block portion of an appropriate AAS\*\* will be applied toward the completion of the Major requirement.

Other Required Courses:

HORT 3230	Insect and Nematode Management	3
HORT 3240	Weed Management	3
HORT 3250	Turfgrass Diseases	3
HORT 3310	Best Management Practices in Turfgrass	3
HORT 3500	Experiential Learning I in Golf Course	2
HORT 3510	Soil Fertility and Chemical Problems	3
HORT 3520	Computations in Turfgrass Maintenance	2
HORT 4320	Management of Bermudagrass and Bentgrass	3
HORT 4330	Golf Course Construction, Renovation and Grow-In	3
HORT 4500	Experiential Learning II in Golf Course	2
HORT 4610	Turfgrass Resources	3
FINC 3100	Business Finance OR	
MKTG 3800	Principles of Marketing	3
MGMT 4166	Small Business Management	3
MGMT 4167	Human Resource Management	3

**TOTAL 120**

PHED 1100 and two PE electives

- 120 hours required for BAS degree.
- Regents' Exam is required.
- An appropriate AAS\*\* degree or at least 45 applicable credit hours and the lower division requirements must be met before admission to the BAS program.

\* Students should closely follow advisors' recommendations for appropriate selections in Area D science.

\*\*Appropriate AAS degrees are Commercial Turf Management, Golf Clubhouse Management, Golf Turf Management, Landscape Design and Grounds Management, Ornamental Production, and Sports Turf Management.

## AGRICULTURE

The curriculum is for students who have not focused on their particular major, but are interested in a bachelor's degree within agriculture. This major does not target the lower division requirements of any particular major offered at a four-year institution. Students in this major are encouraged to work with their academic advisor in order to change majors as quickly as possible to an appropriate major that supports the student's career goals.

**Core Curriculum: Areas A-E (see pages 95-97)**

### AREA D: NON-SCIENCE MAJORS

### AREA F: 18 HOURS DIRECTED ELECTIVES\*

\*\*CISM 2201 Fundamentals of Computer Applications 3

Select 15 hours from the following:

ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
AECO 2258	Agricultural Economics OR	
ECON 2106	Principles of Microeconomics	3
AENT 1113	Power Equipment	3
AENT 2280	Farm Electrification	3
AENG 2207	Introductory Metal Technology	3
ASLH 2000	Practicum in Animal Science	3
ASLH 2010 & lab	Introduction to Animal Science	3/1
ASLH 1125	Introduction to Poultry Science	3
ASLH 2203	Elements of Dairying	3
BIOL 1003 & lab	Introductory Biology I	3/1
BIOL 1004 & lab	Introductory Biology II and Lab OR	3/1
BIOL 2107 & lab	Principles of Biology I	3/1
BIOL 2108 & lab	Principles of Biology II	3/1
BIOL 2011 & lab	Human Anatomy and Physiology I	3/1
BIOL 2012 & lab	Human Anatomy and Physiology II	3/1
CRSS 2010 & lab	Introduction to Crop Science	3/1
CSCI 1301	Computer Science I	4
ECON 2105	Principles of Macroeconomics	3
EDUC 2110	Investigating Critical and Contemporary Issues in Education	3
EDUC 2120	Exploring Socio-cultural Perspectives on Diversity in Educational Contexts	3
EDUC 2130	Exploring Learning and Teaching	3
HORT 2201	Principles of Horticulture	3
JRNL 1101	Introduction to Mass Media	3
JRNL 2060	New Writing and Reporting	3
MATH 1113	Pre-Calculus Mathematics	4
MATH 2000	Statistics	3
MATH 2003	Applied Calculus	3
MATH 2053	Calculus I	4

**TOTAL 60**

PHED 1100 and two PE activities

\*See advisor for assistance in Area F course selection.

\*\*With advisor approval, a student may count CISM in AREA B. Students using CISM in AREA B will select 18 hours from the list of AREA F courses.

## AGRIBUSINESS AND AGRICULTURAL ECONOMICS

The curriculum for the freshman and sophomore years has been designed to provide core courses in introductory agricultural sciences and general education. A student who completes this curriculum will receive the Associate of Science degree and will be prepared to enter a program of study in Agribusiness and/or Agricultural Economics.

**Core Curriculum: Areas A-E (see pages 95-97)**

**AREA D: NON-SCIENCE MAJORS**

**AREA F: 18 HOURS DIRECTED ELECTIVES\***

Select 18 hours from the following:

AECO 2258	Agricultural Economics	3
AENG 2207	Introductory Metal Technology	3
AENT 1113	Power Equipment	3
AENT 2280	Farm Electrification	3
ASLH 2000	Practicum in Animal Science	3
ASLH 2010& lab	Introduction to Animal Science	3/1
ASLH 1125	Introduction to Poultry Science	3
ASLH 2203	Elements of Dairying	3
ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
CISM 2201	Fundamentals of Computer Applications	3
CRSS 2010 & lab	Introduction to Crop Science and Lab	3/1
CSCI 1301	Computer Science I	4
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
HORT 2201	Principles of Horticulture	3
JRNL 1101	Introduction to Mass Media	3
JRNL 2060	News Writing and Reporting	3
MATH 2000	Statistics	3
MATH 2003	Applied Calculus	3
MATH 2053	Calculus I	4
MATH 2054	Calculus II	4

**TOTAL 60**

PHED 1100 and two PE electives

\*See advisor for assistance in Area D and Area F course selection

*AREA D Recommendations:* BIOL 2107 & lab and BIOL 2108 & lab should be the sequence.

## AGRICULTURAL EDUCATION

The curriculum for the freshman and sophomore years has been designed to provide core courses in introductory agricultural sciences and general education. A student who completes this curriculum will receive the Associate of Science degree and will be prepared to enter a program of study in Agricultural Education.

**Core Curriculum: Areas A-E (see pages 95-97)**

**AREA D: SCIENCE MAJORS\***

**AREA F: 18 HOURS DIRECTIVE ELECTIVES\*\***

Required twelve hours:

CISM 2201	Fundamentals of Computer Applications	3
EDUC 2110	Investigating Critical and Contemporary Issues in Education	3
EDUC 2120	Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts	3
EDUC 2130	Exploring Learning and Teaching	3

Choose at least six hours from the following:

AENG 2207***	Introductory Metal Technology	3
AENT 1113***	Power Equipment	3
AENT 2280***	Farm Electrification	3
ASLH 2010 & lab	Intro to Animal Science	4
CRSS 2010 & lab	Introduction to Crop Science	4
HORT 2201	Principles of Horticulture	3
PHSC 1011 & lab	Physical Science I	4

**TOTAL 60**

PHED 1100 and two PE electives

\*Ag Ed majors are exempt from the Area D sequence requirement for Science majors.

Area D Recommendations: BIOL 2107 & lab, CHEM 1211 & lab, and PHSC 1011 & lab.

\*\*See advisor for assistance in Area D and Area F course selection

\*\*\*It is recommended that you take these courses prior to transferring to UGA-Athens or UGA-Tifton.

## AGRISCIENCE AND ENVIRONMENTAL SYSTEMS

The curriculum for the freshman and sophomore years has been designed to provide core courses in introductory agricultural sciences and general education. A student who completes this curriculum will receive the Associate of Science degree and will be prepared to enter a program of study in Agriscience and/or Environmental Systems.

**Core Curriculum: Areas A-E (see pages 95-97)**

**AREA D: SCIENCE MAJORS\***

**AREA F: 18 HOURS DIRECTIVE ELECTIVES\*\***

Select 6-8 hours from the following:

ASLH 2010& lab	Introduction to Animal Science <b>or</b>	
ASLH 1125	Introduction to Poultry Science	3 - 4
CRSS 2010	Introduction to Crop Science <b>or</b>	
HORT 2201	Principles of Horticulture	3 - 4

Select 10-12 hours from the following:

AECO 2258	Agricultural Economics	3
AENG 2207	Introductory Metal Technology	3
AENT 1113	Power Equipment	3
CHEM 1211& lab	Principles of Chemistry I	3/1
CHEM 1212 & lab	Principles of Chemistry II	3/1
CHEM 2040 & lab	Fundamental Organic Chemistry I	3/1
CHEM 2041 & lab	Fundamental Organic Chemistry II	3/1
CISM 2201	Fundamental of Computer Applications	3

**TOTAL 60**

PHED 1100 and two PE electives

*\*AREA D Recommendations:* BIOL 2107 & lab and BIOL 2108 & lab should be the sequence.

*\*\*See advisor for assistance in Area F course selection*

## ANIMAL SCIENCES

The curriculum for the freshman and sophomore years has been designed to provide core courses in introductory animal sciences and general education. A student who completes this curriculum will receive the Associate of Science degree and will be prepared to enter a program of study in one of the following fields of interest:

- Animal Science
- Dairy Science
- Poultry Science

**Core Curriculum: Areas A-E (see pages 95-97)**

**AREA D: SCIENCE MAJORS\***

**AREA F: 18 HOURS DIRECTIVE ELECTIVES\*\***

Required thirteen hours:

AECO 2258	Agricultural Economics	3
ASLH 2000	Practicum in Animal Science	3
ASLH 2010 & lab	Introduction to Animal Science	3/1
CISM 2201	Fundamentals of Computer Applications	3

Choose at least five hours from the following:

ASLH 1125	Introduction to Poultry Science	3
ASLH 2203	Elements of Dairying	3
CHEM 1212 & lab	Principles of Chemistry II and lab	3/1
CRSS 2010 & lab	Introduction to Crop Science and Lab	3/1

**TOTAL 60**

PHED 1100 and two PE electives

\*Area D Recommendations: BIOL 2107 & lab, BIOL 2108 & lab, and CHEM 1211 & lab.

## BIOLOGICAL AND AGRICULTURAL ENGINEERING

Agricultural engineering is that branch of engineering which is concerned with problems of agriculture that are engineering in nature. Agriculture of today and the future has and will have its emphasis on diversity, automation, efficiency, quality and abundant production.

The expansion in the field of agricultural engineering has created an increasing need for individuals trained as professionals in basic science, agricultural and engineering subjects. These professionals will be engaged in industry with machinery companies, feed manufacturers, electric power suppliers, building material suppliers, government service with the Soil Conservation Service, Agricultural Research Service, Agricultural Marketing Service, activities of the United States Department of Agriculture, teaching, research, or extension at colleges and universities, or self-employed as consultants, contractors, or sales engineers. A student who completes this curriculum will receive the Associate in Science degree.

**Core Curriculum: Areas A-E (see pages 95-97)**

### AREA D: SCIENCE MAJORS

### AREA F: 18 HOURS DIRECTED ELECTIVES\*

BIOL 2107 & lab Principles of Biology I/Lab 3/1

Select 4-12 hours from the following:

MATH 2053 Calculus I 4

MATH 2054 Calculus II 4

MATH 2055 Calculus III 4

Select 4-8 hours from the following:

PHYS 2211 & lab 3/1

PHYS 2212 & lab 3/1

Select 0-6 hours from the following:

AENG 1109 Engineering Graphics 3

AENT 1113 Power Equipment 3

**TOTAL 60**

PHED 1100 and two PE activities

\*See advisor for assistance in Area F course selection.

## FAMILY AND CONSUMER SCIENCES

The Family and Consumer Sciences curriculum has been designed for a student planning to pursue the B.S. in Family and Consumer Sciences at a senior institution. Students' choice of electives is dependent upon their intended major at a senior institution. Students should meet with an academic advisor to select appropriate electives. A student who completes this curriculum will receive the Associate of Science degree and will be prepared to enter a program of study in one of the following fields of interest:

Apparel Design & Management	Family Financial Planning
Child & Family Development	Fashion Merchandising
Consumer Economics	Furnishings & Interiors
Consumer Foods	Hotel/Restaurant Management
Consumer Journalism	Housing
Dietetics	Nutrition Science
Family & Consumer Sciences Education	

**Core Curriculum: Areas A-E (see pages 95-97)**

### AREA D: NON-SCIENCE MAJORS

#### AREA F

<b>Required:</b>		<b>6 hours</b>
FACS/SOCI 2293	Introduction to Marriage & Family	3
CISM 2201	Fundamentals of Computer Applications	3
<b>Guided Electives:</b>		<b>12 hours*</b>
FACS 1103	Introduction to Child Development	3
FACS 1120	Textile Construction	3
FACS 1151	Wellness Nutrition	3
FACS 2214	Clothing and Consumer Behavior	3
FACS 2220	Consumer Economics	3
FACS 2224	Textile for Consumers	3
FACS 2275	Housing and Interiors	3
ARTS 1010	Drawing	3
ARTS 1020	Two Dimensional Design	3
ARTS 1030	Three Dimensional Design	3
ARTS 2211	Art History	3
ACCT 2101	Principles of Accounting	3
BIOL 1003 & lab	Introductory Biology I	3/1
BIOL 1004 & lab	Introductory Biology II	3/1
BIOL 2011 & lab	Human Anatomy & Physiology	3/1
CHEM 1211 & lab	Principles of Chemistry I	3/1
CHEM 1212 & lab	Principles of Chemistry II	3/1
CHEM 2040 & lab	Fundamental Organic Chemistry I	3/1
CHEM 2041 & lab	Fundamental Organic Chemistry II	3/1
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
EDUC 2110	Investigating Critical and Contemporary Issues in Education	3
EDUC 2120	Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts	3
EDUC 2130	Exploring Learning and Teaching	3
MATH 2000	Statistics	3

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MATH 2053	Calculus I	4
PSYC 1101	Introduction to General Psychology	3
PSYC 2103	Human Growth and Development	3
SOCI 1101	Introduction to Sociology	3
SPAN 1002	Elementary Spanish II	3
	<b>TOTAL</b>	<b>60</b>

\*Consult with advisor on selection of guided electives.

## FORESTRY AND/OR WILDLIFE MANAGEMENT

The educational preparation for professionals in forest resources is necessarily diversified and demanding. The quality of our physical environment and, ultimately, the quality of human life, rests to a great extent in the hands of forest resources personnel. The graduate in forest resources must be capable of making sound natural resources policy decisions which contribute heavily to social and economic well-being.

The curriculum prepares students to transfer to the University of Georgia as juniors. Although courses satisfactorily completed in meeting the core curriculum at Abraham Baldwin are accepted in transfer to the University of Georgia, completion of the prescribed pre-forest resources curriculum is required for admission to the professional program of the School of Forest Resources at the University of Georgia. If the student plans to transfer to a senior college other than the University of Georgia, he/she should inform the faculty advisor of such intentions. Students completing this curriculum will receive the Associate of Science degree.

**Core Curriculum: Areas A-E (see pages 95-97)**

### AREA D: SCIENCE MAJORS

#### AREA F: 18 HOURS DIRECTED ELECTIVES\*

MATH 2000	Statistics	3
CHEM 1211 & lab	Principles of Chemistry I	3/1
CHEM 1212 & lab	Principles of Chemistry II	3/1
COMM 1100	Human Communications	3

For Forestry, Wildlife, and Fisheries/Aquaculture majors, choose four hours from the following electives:

FRSC 1170	Dendrology	3
FRSC 1190	Natural Resource Conservation	3
FRSC 1192	Forest Wildlife Management	3
FRSC 2263	Advanced Wildlife Technology	3
Math or Lab Science approved by advisor		1

For Water and Soil Resources majors, choose:

PHYS 1111 & lab	Introduction to Physics I	3/1
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**TOTAL 60**

PHED 1100 and two PE activities

\*See advisor for assistance in Area F course selection.

NOTE: Selected Forestry or Wildlife Management courses offered at Abraham Baldwin College may be transferred to the University of Georgia in addition to the 60 hours listed above.

## PLANT SCIENCES

The curriculum for the freshman and sophomore years has been designed to provide core courses in introductory plant sciences and general education. A student who completes this curriculum will receive the Associate of Science degree and will be prepared to enter a program of study in one of the following fields of interest:

Plant Science	Crop Science
Soil Science	Turf Science
Agronomy	Horticulture

**Core Curriculum: Areas A-E (see pages 95-97)**

**AREA D: SCIENCE MAJORS\***

**AREA F: 18 HOURS DIRECTIVE ELECTIVES\*\***

Required thirteen hours:

AECO 2258	Agricultural Economics	3
CISM 2201	Fundamentals of Computer Applications	3
CRSS 2010 & lab	Introduction to Crop Science	3/1
HORT 2201	Principles of Horticulture	3

Choose at least five hours from the following:

AENT 1113	Power Equipment	3
ASLH 2010 & lab	Introduction to Animal Science	3/1
CHEM 1212 & lab	Principles of Chemistry II	3/1
FRSC 1190	Natural Resource Conservation	3
FRSC 1192	Forest Wildlife Management	3

**TOTAL 60**

PHED 1100 and two PE electives

\*Area D Recommendations: BIOL 2107 & lab, BIOL 2108 & lab, and CHEM 1211 & lab.

## AGRICULTURAL BUSINESS TECHNOLOGY

The two-year program is designed to prepare a student for employment in occupations in agricultural management, mid-management or marketing which require an agricultural college education but not necessarily a senior college degree. The course of study includes a general education core, general business and agribusiness courses, plus a choice of agricultural specialties. Upon completion of the graduation requirements, an Associate of Applied Science degree in Agricultural Business Technology is awarded.

<b>COURSES</b>		<b>Hours</b>
ACCT 2101	Principles of Accounting I <b>OR</b>	
AECO 2200	Agricultural Records.	3
AECO 1150	Farm Organization and Management	3
AECO 2260	Agricultural Marketing	3
CISM 2201	Fundamentals of Computer Applications	3
COMM 1100	Human Communications	3
ENGL 1101	Composition I	3
ENGL 1102*	Composition II	3
HIST 2112	United States History II	3
MATH 1101	Math Modeling (or higher)***	3
POLS 1101	American Government	3

Agricultural Specialty: Select any 3 courses from the following areas:

- Agricultural Engineering
- Animal Science
- Crop Science
- Soil Science
- Agriculture

**subtotal 9-10 hrs**

Business Specialty: Select any 2 classes from either of the following areas:

- Marketing
- Management

**subtotal 6 hrs**

ACCT 2102	Principles of Accounting II <b>OR</b>	
BUSA 2155	Business Law <b>OR</b>	
BUSA 2106	The Environment of Business	3
Humanities Elective (see page 98)		3
Internship**		12

**TOTAL 63-64**

PHED 1100 and two PE activities

\* Grade of "C" or better in ENGL 1102.

\*\*Internship options are AGRI 2202, 2203, 2204, 2205 or 2206. A student must complete 30 hours of course work before taking any internship course.

\*\*\*Excluding MATH 2008

## AGRICULTURAL ENGINEERING TECHNOLOGY

The Agricultural Engineering Technology Program is designed to educate a student in the repair, service, operation, and marketing of equipment used in agricultural production, industrial applications, and turfgrass management. This program of study is intended to provide young men and women with the education needed for entry-level positions in both the agricultural and industrial equipment areas. A student will also have received sufficient courses in the general education area to allow for rising to middle management level positions. Typical employment opportunities include parts manager, service manager, or service representative. Upon completion of the program of study, the student is eligible for the Associate of Applied Science degree in Agricultural Engineering Technology.

A grade of less than C indicates a level of knowledge that is unacceptable in a professional field. A student is required to earn a C or better in all AENG/AENT courses.

BUSA 1105	Introduction to Business	3
CISM 2201	Fundamentals of Computer Applications	3
COMM 1100	Human Communications	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2112	United States History II	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)*	3
POLS 1101	American Government	3
AECO 2258	Agricultural Economics <b>OR</b>	
ECON 2106	Principles of Microeconomics	3
AENG 2207	Introductory Metal Technology	3
AENT 1110	Farm Machinery and Equipment	3
AENT 1120	Principles of Engines	3
AENT 2213	Principles of Hydraulics	3
AENT 2269**	Internship	12
AENT 2280	Farm Electrification	3

A student should select three of the following classes:

AECO 1150	Farm Organization and Management	3
AECO 2260	Agricultural Marketing	3
AENG 2210	Surveying	3
AENT 2220	Drainage, Irrigation & Erosion Control	3
AGRP 1125	Fundamentals of Plant Protection	3
AGRY 1110	Forage Crops and Pastures	3
AGRY 2020	Soils and Fertilizers	4
AGRY 2030	Field Crop Production	3
ASLH 1110	Livestock Evaluation and Selection	3
ASLH 1115	Livestock Production	3
ASLH 2010 & lab	Intro to Animal Science/Lab	3/1
FRSC 1190	Natural Resource Conservation	3
FRSC 1192	Forest Wildlife Management	3
HORT 2232	Turf Pest Management	3

**TOTAL 66-68**

PHED 1100 and two PE activities

\*Excluding MATH 2008

\*\*A student must complete 30 hours of course work before taking AENT 2269.

## AGRICULTURE PRODUCTION TECHNOLOGY

The Agriculture Production curriculum is designed for a student desiring preparation in the production sector of agriculture. This training affords the student knowledge that will be of immediate value on a diversified farm. A student completing this course work will receive the Associate of Applied Science degree in Agricultural Technology.

<b>COURSES</b>		<b>Hours</b>
CISM 2201	Fundamentals of Computer Applications	3
COMM 1100	Human Communications	3
ECON 2106	Principles of Microeconomics	3
ENGL 1101*	Composition I	3
ENGL 1102*	Composition II	3
HIST 2112	United States History II	3
Humanities	Elective (see page 98)	3
MATH 1101	Math Modeling (or higher)**	3
POLS 1101	American Government	3
AECO 1150	Farm Organization and Management	3
AECO 2200	Agricultural Records	3
AENG 2207	Introductory Metal Technology	3
AENT 1110	Farm Machinery and Equipment	3
AGRP 1125	Fundamentals of Plant Protection	3
AGRP 1126	Pesticide Management	1
AGRY 1110	Forage Crops and Pastures	3
AGRY 2020	Soils and Fertilizers	4
AGRY 2030	Field Crop Production	3
ASLH 2010 & lab	Intro to Animal Science/Lab	4
Internship***		12
<b>TOTAL</b>		<b>69</b>

PHED 1100 and two PE activities  
Regents' Test

\* Grade of "C" or better in ENGL 1101 and ENGL 1102.

\*\*Excluding MATH 2008

\*\*\*Internship options are AGRI 2202, 2203, 2204, 2205 or 2207. A student must complete 30 hours of course work before taking any internship course.

## ENVIRONMENTAL HORTICULTURE TECHNOLOGY

Commercial Turf Management  
Golf Turf Management  
Ornamental Production

Golf Clubhouse Management  
Landscape Design and Grounds Management  
Sports Turf Management

Environmental Horticulture Technology offers training and education in these specialized areas for men and women. As highly skilled technicians and supervisory personnel, graduates obtain gainful employment in one of these highly specialized turfgrass, ornamental and landscape, or environmental industries. This program provides the individual with a detailed understanding of the technical requirements of the industry and helps the student develop the skills needed as golf course superintendent, sports field managers, professional lawn care managers, turf production managers, landscape designers and managers, and horticulturalists. Also, the program allows students the opportunity to further develop critical and logical thinking and problem solving skills, as well as information literacy skills, needed in the work place. Students trained in this program will find employment with golf courses, sports fields, commercial properties, contract maintenance, garden centers, athletic and recreational areas, production and retail nurseries, schools, colleges, lawn maintenance and landscape companies, and related horticultural and agronomic service and/or production careers. The Golf Clubhouse Management option prepares students to become assistant clubhouse managers at golf courses.

To be eligible to receive the Associate of Applied Science degree in Environmental Horticulture, each student must complete the required courses of one specific management area. A grade of C or better is required for graduation in ENGL 1101, MATH 1002, and all classes with AGRP, AGRY and HORT prefixes.

Many students earn at least two of the above degrees to better prepare them for the work force, and improve their employability. The program is a mix of traditional and nontraditional students. Many nontraditional students enter the program with a previous degree and complete the technical classes within a year. Students lacking sufficient job training are encouraged to participate in a minimum of two internship (on job training) programs. Also students are encouraged to become a student member of the state and/or national professional trade organization (ie. Golf Course Superintendents Association of America, Georgia Golf Course Superintendents Association, Professional Landcare Network, Club Managers Association of America, American Association of Nurserymen, Southern Nurserymen Association, Georgia Green Industry Association, etc.) as applicable to their chosen major. Scholarships are available to specific majors from industry and professional organizations.

Student clubs in the department include The ABAC Student Chapter of the Golf Course Superintendents Association of America (Turf Club) and The Horticulture Club. The Torbett-Dobrosky Golf Facility on campus provides multiple experiential learning activities. Also, the college has its very own golf course, Forest Lakes Golf Club, which provides multiple experiential learning opportunities through teaching, demonstration, and competency performance for many of our students not only in golf turf and environmental horticulture but also in the many disciplines of agriculture. Furthermore, students get the opportunity to participate as tournament volunteers in course preparation and setup at select golf tournaments and participate in college representation at international meetings of GCSAA, STMA, etc.

**ENVIRONMENTAL HORTICULTURE TECHNOLOGY****Commercial Turf Management**

<b>COURSES</b>		<b>Hours</b>
CISM 2201	Fundamentals of Computer Applications	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2112	U. S. History II	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)*	3
POLS 1101	American Government	3
COMM 1100	Human Communication	3
AGRP 1126	Pesticide Applications	1
AGRP 1125	Fundamentals of Plant Protection <b>OR</b>	
AGRY 2020	Soils and Fertilizers	3 - 4
HORT 2100	Professionalism in the Green Industry	1
HORT 2250**	Commercial Turf Intern (Experiential Learning)	12
HORT 2231	Turfgrass Science and Technology	3
HORT 2232	Turf and Ornamental Pest Management	3
HORT 2234	Commercial Turf Management	3
HORT 2239	Grounds Irrigation Systems	3
HORT 2270	Woody Ornamental Plant Identification	3
Select 6 hours from the following:		
ACCT 2101	Principles of Accounting I	3
AECO 2200	Agricultural Records	3
FACS 2225	Professional Development	3
MGMT 2167	Human Resource Management	3
SPAN 1110	Spanish for Green Industry Professionals	3
Select 6 hours from below with advisor approval:		
HORT 2201	Principles of Horticulture	3
HORT 2202	Grounds Maintenance Equipment	3
HORT 2208	Experiential Learning in Turfgrass	3
HORT 2233	Golf Course Design and Management	3
HORT 2236	Environmental Issues	3
HORT 2238	Fundamentals of Grinding Technology	3
HORT 2241	Grounds Management	4

**TOTAL 68-69**

PHED 1100 and two PE activities

\*Excluding MATH 2008

\*\*Student must complete 30 semester hours of course work and receive advisor approval before taking HORT 2250. HORT 2280 (Internship II) is available to students lacking in experience and needing additional internship training.

**ENVIRONMENTAL HORTICULTURE TECHNOLOGY  
MARKETING**

**Golf Clubhouse Management**

This option consists of a combination of basic business, turfgrass management, golf clubhouse management, and general education courses designed to prepare a graduate to enter a golf club as an assistant manager or other entry level management training position. The internship must offer extensive training experiences needed to prepare a graduate for entry level management positions. Students who complete this curriculum will receive an Associate of Applied Science in Golf Clubhouse Management.

<b>COURSES</b>	<b>Hours</b>
ACCT 2101 Principles of Accounting I <b>OR</b>	
AECO 2200 Agricultural Records	3
CISM 2201 Fundamentals of Computer Applications	3
ENGL 1101 Composition I	3
ENGL 1102 Composition II	3
FACS 2225 Professional Development or	
SPAN 1110 Spanish for Green Industry Professionals	3
HIST 2112 U. S. History II	3
Humanities Elective (see page 98)	3
HORT 2231 Turfgrass Science and Technology	3
HORT 2233 Golf Course Design & Management	3
MATH 1101 Math Modeling (or higher)*	3
MGMT 2165 Principles of Management	3
HORT 2100 Professionalism in the Green Industry	1
HORT 2290** Golf Clubhouse Intern (Experiential Learning)	12
HORT 2291 Golf Clubhouse Operations	3
HORT 2292 Golf Clubhouse Management	3
HORT 2293 Experiential Learning in Golf Clubhouse or	
BUSA 2155 Business Law	3
MGMT 2167 Human Resource Management	3
MKTG 2175 Principles of Marketing <b>OR</b>	
MKTG 2176 Advertising and Sales Promotion	3
POLS 1101 American Government	3
COMM 1100 Human Communication	3
	<b>TOTAL 67</b>

PHED 1100 and two PE activities

\*Excluding MATH 2008

\*\*Student must complete 30 semester hours of course work and receive advisor approval before taking HORT 2290. HORT 2280 (Internship II) is available to students lacking in experience and needing additional internship training.

**ENVIRONMENTAL HORTICULTURE TECHNOLOGY****Golf Turf Management**

<b>COURSES</b>		<b>Hours</b>
CISM 2201	Fundamentals of Computer Applications	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2112	U. S. History II	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)*	3
POLS 1101	American Government	3
COMM 1100	Human Communication	3
AGRP 1126	Pesticide Applications	1
AGRP 1125	Fundamentals of Plant Protection <b>OR</b>	
AGRY 2020	Soils and Fertilizers	3 - 4
HORT 2100	Professionalism in the Green Industry	1
HORT 2230**	Golf Turf Intern (Experiential Learning)	12
HORT 2231	Turfgrass Science and Technology	3
HORT 2232	Turf and Ornamental Pest Management	3
HORT 2233	Golf Course Design & Management	3
HORT 2239	Grounds Irrigation Systems	3
HORT 2270	Woody Ornamental Plant Identification	3
Select 6 hours from the following:		
ACCT 2101	Principles of Accounting I	3
AECO 2200	Agricultural Records	3
FACS 2225	Professional Development	3
MGMT 2167	Human Resource Management	3
SPAN 1110	Spanish for Green Industry Professionals	3
Select 6 hours from below with advisor approval:		
HORT 2201	Principles of Horticulture	3
HORT 2202	Grounds Maintenance Equipment	3
HORT 2208	Experiential Learning in Turfgrass	3
HORT 2234	Commercial Turf Management	3
HORT 2236	Environmental Issues	3
HORT 2237	Sports Turf Management	3
HORT 2238	Fundamentals of Grinding Technology	3
HORT 2241	Grounds Management	4
HORT 2291	Golf Clubhouse Operations	3
HORT 2292	Golf Clubhouse Management	3

**TOTAL 68-69**

PHED 1100 and two PE activities

\*Excluding MATH 2008

\*\*Student must complete 30 semester hours of course work and receive advisor approval before taking HORT 2230. HORT 2280 (Internship II) is available to students lacking in experience and needing additional internship training.

## ENVIRONMENTAL HORTICULTURE TECHNOLOGY

### Landscape Design and Grounds Management

COURSES		Hours
CISM 2201	Fundamentals of Computer Applications	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2112	U. S. History II	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)*	3
POLS 1101	American Government	3
COMM 1100	Human Communication	3
AGRP 1126	Pesticide Applications	1
AGRP 1125	Fundamentals of Plant Protection <b>OR</b>	
AGRY 2020	Soils and Fertilizers	3 - 4
HORT 2100	Professionalism in the Green Industry	1
HORT 2215	Landscape Design	4
HORT 2232	Turf and Ornamental Pest Management	3
HORT 2240**	Grounds Intern (Experiential Learning)	12
HORT 2241	Grounds Management	4
HORT 2270	Woody Ornamental Plant Identification	3
Select 6 hours from the following:		
ACCT 2101	Principles of Accounting I	3
AECO 2200	Agricultural Records	3
FACS 2225	Professional Development	3
MGMT 2167	Human Resource Management	3
SPAN 1110	Spanish for Green Industry Professionals	3
Select 6 hours from below with advisor approval:		
HORT 2201	Principles of Horticulture	3
HORT 2202	Grounds Maintenance Equipment	3
HORT 2207	Experiential Learning in Landscaping	3
HORT 2231	Turfgrass Science and Technology	3
HORT 2233	Golf Course Design and Management	3
HORT 2236	Environmental Issues	3
HORT 2239	Grounds Irrigation Systems	3
HORT 2261	Nursery Crop Production	4
HORT 2271	Herbaceous Ornamental Plant Identification	3
<b>TOTAL</b>		<b>67-68</b>

PHED 1100 and two PE activities

\*Excluding MATH 2008

\*\*Student must complete 30 semester hours of course work and receive advisor approval before taking HORT 2240. HORT 2280 (Internship II) is available to students lacking in experience and needing additional internship training.

**ENVIRONMENTAL HORTICULTURE TECHNOLOGY****Ornamental Production**

<b>COURSES</b>	<b>Hours</b>	
CISM 2201	Fundamentals of Computer Applications	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2112	U. S. History II	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)*	3
POLS 1101	American Government	3
COMM 1100	Human Communication	3
AGRP 1126	Pesticide Applications	1
AGRP 1125	Fundamentals of Plant Protection or	
AGRY 2020	Soils and Fertilizers	3 - 4
HORT 2100	Professionalism in the Green Industry	1
HORT 2201	Principles of Horticulture	3
HORT 2220**	Production Intern (Experiential Learning)	12
HORT 2221	Greenhouse Operations and Management	4
HORT 2261	Nursery Crop Production	4
HORT 2270	Woody Ornamental Plant Identification	3
Select 6 hours from the following:		
ACCT 2101	Principles of Accounting I	3
AECO 2200	Agricultural Records	3
FACS 2225	Professional Development	3
MGMT 2167	Human Resource Management	3
SPAN 1110	Spanish for Green Industry Professionals	3
Select 6 hours from below with advisor approval:		
HORT 2202	Grounds Maintenance Equipment	3
HORT 2206	Experiential Learning in Production	3
HORT 2232	Turf and Ornamental Pest Management	3
HORT 2236	Environmental Issues	3
HORT 2239	Grounds Irrigation Systems	3
HORT 2241	Grounds Management	4
HORT 2271	Herbaceous Ornamental Plant Identification	3
		<b>TOTAL 67-68</b>

PHED 1100 and two PE activities

\*Excluding MATH 2008

\*\*Student must complete 30 semester hours of course work and receive advisor approval before taking HORT 2220. HORT 2280 (Internship II) is available to students lacking in experience and needing additional internship training.

## ENVIRONMENTAL HORTICULTURE TECHNOLOGY

### Sports Turf Management

COURSES	Hours	
CISM 2201	Fundamentals of Computer Applications	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2112	U. S. History II	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)*	3
POLS 1101	American Government	3
COMM 1100	Human Communication	3
AGRP 1126	Pesticide Applications	1
AGRP 1125	Fundamentals of Plant Protection or	
AGRY 2020	Soils and Fertilizers	3 - 4
HORT 2100	Professionalism in the Green Industry	1
HORT 2260**	Sports Turf Intern (Experiential Learning)	12
HORT 2231	Turfgrass Science and Technology	3
HORT 2232	Turf and Ornamental Pest Management	3
HORT 2237	Sports Turf Management	3
HORT 2239	Grounds Irrigation Systems	3
HORT 2270	Woody Ornamental Plant Identification	3
Select 6 hours from the following:		
ACCT 2101	Principles of Accounting I	3
AECO 2200	Agricultural Records	3
FACS 2225	Professional Development	3
MGMT 2167	Human Resource Management	3
SPAN 1110	Spanish for Green Industry Professionals	3
Select 6 hours from below with advisor approval:		
HORT 2201	Principles of Horticulture	3
HORT 2202	Grounds Maintenance Equipment	3
HORT 2208	Experiential Learning in Turfgrass	3
HORT 2233	Golf Course Design and Management	3
HORT 2236	Environmental Issues	3
HORT 2238	Fundamentals of Grinding Technology	3
HORT 2241	Grounds Management	4

**TOTAL 68-69**

PHED 1100 and two PE activities

\*Excluding MATH 2008

\*\*Student must complete 30 semester hours of course work and receive advisor approval before taking HORT 2260. HORT 2280 (Internship II) is available to students lacking in experience and needing additional internship training.

## FAMILY AND CONSUMER SCIENCES TECHNOLOGY

The two-year Family and Consumer Sciences program offers four programs of study designed to prepare students for employment in Family and Consumer Sciences related occupations. Upon completion of the selected option, the student is eligible to receive the Associate of Applied Science degree in Family and Consumer Sciences.

### Children and Family Services

This curriculum is appropriate for a student wishing to prepare for work with young children in public nursery schools, day care centers, child-serving agencies, children's clinics and hospitals, and agencies dealing with family adjustment.

<b>COURSES</b>	<b>Hours</b>	
CISM 2201	Fundamentals of Computer Applications	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
FACS 1100	Career Exploration	1
FACS 1103	Introduction to Child Development	3
FACS 1151	Wellness Nutrition	3
FACS 2211	Children's Creative Activities	3
FACS 2206	Experiential Learning	3
FACS/SOCI 2293	Introduction to Marriage and Family	3
GNDR 1101	Introduction to Gender Studies	3
HIST 2112	United States History II	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)*	3
POLS 1101	American Government	3
PSYC 1101	Introduction to General Psychology	3
PSYC 2103	Human Growth and Development <b>OR</b>	
SOCI 2400	Human Services Lab in Field Work	3
SOCI 1101	Introduction to Sociology	3
COMM 1100	Human Communications	3
SOCI 2110	Human Services and Social Policy	3
Select 5 of the following courses:		
BUSA 1105	Introduction to Business	3
EDUC 2110	Investigating Critical and Contemporary Issues in Education	3
EDUC 2130	Exploring Learning and Teaching	3
FACS 2212	Early Childhood Care and Education Program Management	3
FACS 2220	Consumer Economics	3
FACS 2225	Professional Development	3
PSYC 2201	Introduction to Abnormal Behavior	3
SOCI 1160	Introduction to Social Problems	3
SPAN 1001	Introductory Spanish (or higher)	3
		<b>TOTAL 70</b>

PHED 1100 and two PE activities

\*Excluding MATH 2008

## FAMILY AND CONSUMER SCIENCES TECHNOLOGY

### Fashion Merchandising

This option consists of organized subject matter and learning experiences related to the variety of sales, fashion coordination, and sales-supporting tasks performed by marketing employees and management personnel in retail or wholesale establishments primarily engaged in selling clothing of all kinds, related articles for personal wear and adornment, and/or home furnishings and decorations.

<b>COURSES</b>	<b>Hours</b>	
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2112	United States History II	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)*	3
COMM 1100	Human Communications	3
POLS 1101	American Government	3
CISM 2201	Fundamentals of Computer Applications	3
ECON 2105	Principles of Macroeconomics <b>OR</b>	
ECON 2106	Principles of Microeconomics	3
FACS 1100	Career Exploration	1
FACS 1120	Textile Construction	3
FACS 2225	Professional Development	3
ACCT 2101	Principles of Accounting I	3
FACS 1101	Fashion Fundamentals	3
FACS 2214	Clothing & Consumer Behavior	3
FACS 2224	Textiles for Consumers	3
FACS/SOCI 2293	Introduction to Marriage & Family	3

Business Specialty: Select 4 classes from the following areas:

Marketing  
Management

Select 2 of the following courses:

FACS 2220	Consumer Economics	3
FACS 2206	Experiential Learning	3
ARTS 1010	Drawing	3
ARTS 1020	Two Dimensional Design	3
ARTS 1030	Three Dimensional Design	3

**TOTAL 67**

PHED 1100 and two PE activities

\*Excluding MATH 2008

**FAMILY AND CONSUMER SCIENCES TECHNOLOGY****Interior Design**

This curriculum is appropriate for a student wishing to prepare for work as an interior design consultant, and home furnishings buyer or coordinator.

<b>COURSES</b>	<b>Hours</b>	
ARTS 1010	Drawing <b>OR</b>	
ARTS 1030	Three Dimensional Design	3
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
HIST 2112	United States History II	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)*	3
POLS 1101	American Government	3
COMM 1100	Human Communications	3
CISM 2201	Fundamentals of Computer Applications	3
FACS 1100	Career Exploration	1
FACS 2275	Housing & Interiors	3
FACS 2279	Special Problems in Interiors	3
FACS 2290	Residential Interiors & Furnishings	3
FACS 1161	Interior Systems & Equipment	3
FACS 2225	Professional Development	3
FACS 1120	Textile Construction	3
FACS 2220	Consumer Economics	3
FACS/SOCI 2293	Introduction to Marriage & Family	3
FACS 2224	Textiles for Consumers	3
HORT 2215	Landscape Design	4

Select 3 of the following courses:

ARTS 1010	Drawing <b>OR</b>	
ARTS 1030	Three Dimensional Design (if not taken above)	3
ARTS 1020	Two Dimensional Design	3
ACCT 2101	Principles of Accounting I	3
FACS 2206	Experiential Learning	3
MGMT 2166	Small Business Management	3
MGMT 2167	Human Resource Management	3
MKTG 2175	Principles of Marketing	3
MKTG 2176	Advertising and Sales Promotion	3
MKTG 2177	Personal Selling	3

**TOTAL 68**

PHED 1100 and two PE activities

## FOREST TECHNOLOGY

The objective of this major is to educate students in the basic concepts and practical techniques of forestry. It is intended that graduates will function in a supporting capacity to professional foresters in private, state, and federal organizations.

To receive the Associate of Applied Science degree in Forestry, a student must complete the following courses. A minimum grade of "C" is required for successful completion of ENGL 1101, MATH 1101, and all courses with an FRSC prefix. First year courses are listed in the general order in which they should be taken. ENGL 1101, MATH 1101, FRSC 1190 and AENT 1113 must be successfully completed prior to taking the second year "blocks".

### FIRST YEAR

Course	Hours	
ENGL 1101	Composition I	3
MATH 1101	Math Modeling (or higher)*	3
FRSC 1190	Natural Resource Conservation	3
AENT 1113	Power Equipment	3
ENGL 1102	Composition II	3
COMM 1100	Human Communications	3
HIST 2112	United States History II	3
Humanities Elective	(see page 98)	3
POLS 1101	American Government	3

### SECOND YEAR

Course	Hours	
FRSC 1155	Microcomputers in Forest Resources	2
FRSC 1170	Dendrology	3
FRSC 2225	Forest Measurements I	2
FRSC 2230	Forest Ecology & Soils	4
FRSC 2235	Forest Surveying & Mapping	4
FRSC 2240	Forest Safety	1
FRSC 2243	Geographic Info Systems	4
FRSC 2250	Forest Protection	2
FRSC 2255	Forest Measurements II	5
FRSC 2265	Silviculture	4
FRSC 2270	Principles of Supervision	2
FRSC 2275	Forest Industries	2
FRSC 2280	Forest Harvesting	2
FRSC 2285	Forestry Seminar	1
FRSC 2290	Timber Management	5

**TOTAL 70**

PHED 1100 and two PE activities  
Regents' Test

\*Excluding MATH 2008

## LIVESTOCK PRODUCTION TECHNOLOGY

The Livestock Production Tech curriculum is designed for students interested in careers in the production, marketing and utilization of livestock. Knowledge of business management and marketing is combined with knowledge and experiential learning in livestock genetic selection, feeding, health, and reproduction. A student completing this course work will receive the Associate of Applied Science degree in Agricultural Technology.

<b>COURSES</b>	<b>Hours</b>	
CISM 2201	Fundamentals of Computer Applications	3
COMM 1100	Human Communications	3
ENGL 1101*	Composition I	3
ENGL 1102*	Composition II	3
HIST 2112	United States History II.	3
Humanities Elective	(see page 98)	3
MATH 1101	Math Modeling (or higher)**	3
POLS 1101	American Government	3
AGRI 2100	Livestock Computer Software Application	1
AGRI 2208***	Internship	12
ASLH 1000	Careers in the Livestock Industry	3
ASLH 1120	Herd Health	3
ASLH 2010 & lab	Intro to Animal Science	3/1
ASLH 2215	Feeding Farm Animals	3
Electives in General Agriculture*	(prefer ASLH 2225)	3

Choose one of the following two Option Areas

Beef Option:

ASLH 1110	Food Animal Evaluation and Selection	3
ASLH 2205	Beef Cattle Production	3
AGRY 1110	Forage Crops and Pastures	3
MGMT 2166	Small Business Management	3

Equine Option:

AENT 1113	Power Equipment	3
AGRY 1110	Forage Crops and Pastures	3
ASLH 2220	Horse Production	3
ASLH 2221	Horse Production II	3

**TOTAL 65**

PHED 1100 and two PE activities  
Regents' Test

\*A student is required to earn a "C" or higher in the following courses used to complete the graduation requirement for this degree: ENGL 1101, 1102; MATH 1002 or higher; all ASLH and AGRI courses.

\*\*Excluding MATH 2008

\*\*\*A student must complete 30 hours of course work before taking any internship course.

## WILDLIFE TECHNOLOGY

The objective of this major is to educate a student in the basic concepts and techniques of Wildlife Management. It is intended that a student who graduates under this program will function in a supporting capacity to professionals employed by private, state, and federal organizations. To receive the Associate of Applied Science degree in Wildlife Technology, a student must complete the following courses. A grade of C or better is required in ENGL 1101, MATH 1101, and all courses with an FRSC prefix.

### First Year

COURSES	Hours	
ENGL 1101	Composition I	3
ENGL 1102	Composition II	3
MATH 1101	Math Modeling (or higher)*	3
AENT 1113	Power Equipment	3
FRSC 1170	Dendrology	3
FRSC 1130	Soils & Herbaceous Vegetation	3
FRSC 1140	Forest Measurements & Mapping I	3
FRSC 1155	Microcomputers in Forest Resources	2
FRSC 1190	Natural Resource Conservation	3
FRSC 1192	Forest Wildlife Management	3
HIST 2112	United States History II	3

### Summer Session

COURSES	Hours	
FRSC 2240	Forest Safety	1
FRSC 2260	Conservation Law Enforcement	3
FRSC 2261	Forest Game Management	3
FRSC 2262	Aquatic Resource Management	3
Elective (not required for degree)		
FRSC 2266	Aquatic Habitat Management	3

### Second Year

COURSES	Hours	
BIOL 2107 & lab	Principles of Biology I	3/1
BIOL 2108 & lab	Principles of Biology II	3/1
FRSC 1160	Forest Surveying	3
FRSC 1135	Nongame Wildlife	2
FRSC 2265	Silviculture	4
FRSC 2263	Advanced Wildlife Technology	3
FRSC 2270	Principles of Supervision	2
POLS 1101	American Government	3
COMM 1100	Human Communications	3
FRSC 2264	Wildlife Seminar	1
Humanities Elective (see page 98)		3

**TOTAL 74-77**

PHED 1100 and two PE activities  
Regents' Test

\*Excluding MATH 2008