THE SCHOOL OF FORESTRY AND WILDLIFE SCIENCES has a long tradition of offering educational programs that prepare graduates for employment in a wide variety of natural resource professions. Natural areas, forests and their associated resources play a unique and increasingly important role in contemporary society. They enhance both economic development and environmental quality. The School’s programs emphasize a comprehensive understanding of interrelationships between the functions and values of diverse renewable natural resources. This awareness is essential to effective management and, ultimately, to meeting society’s needs.

In keeping with the University’s land-grant mission, the School’s goals are to pursue excellence in education, research, and extension (including outreach and public service activities) focused on the forests, wildlife, and associated resources of Alabama and the southeastern United States. With respect to undergraduate education, this focus is on preparing graduates who have the necessary skills for initial employment, with the breadth and depth of educational background to support professional growth and continued career advancement. The result of this directed effort from an energized faculty and administration are motivated graduates who have the foundation to master the art and science of managing wild lands for the betterment of both the local and global communities.

If you would like to speak to someone about the programs in the school of Forestry and Wildlife Sciences, please call the Director of Student Services at (334) 844-1050, the Coordinator of Student Services at (334) 844-1001 or send an email to workingwithnature@auburn.edu.

Web Site
Students are encouraged to visit the school’s website (http://www.auburn.edu/sfws) which provides information on the school’s programs and faculty, as well as updates on courses, scheduling, practicum details, and events of interest to School.

Course Prefixes for the School of Forestry and Wildlife Sciences
Course prefixes for courses in the School of Forestry and Wildlife Sciences (SFWS) are FORY (forestry), FOEN (forestry engineering), FOPR (forest products), WILD (wildlife) and FOWS (SFWS common courses).

Curricula and Options
The School of Forestry and Wildlife Sciences offers undergraduate curricula leading to bachelor of science (BS) degrees in forestry, natural resources management, wildlife ecology and management, and a wildlife sciences- pre-veterinary medicine concentration. A forest engineering option is available under the bachelor of biosystems engineering (BSEN) degree program. It is offered in conjunction with the Samuel Ginn College of Engineering. Links to more information and the curricula models for each of these majors are found at the bottom of this page.

Students in the SFWS with exceptional academic qualifications should also consider enrollment in the University’s Honors College. This opportunity is described under Special Academic Opportunities in the Academic Polices section of the Bulletin and carries a number of significant benefits to qualified students.

Accreditation
The bachelor’s programs in forestry and the forest engineering option in biosystems engineering (the latter with addition of the forest resources minor) are accredited by the Society of American Foresters (SAF). SAF is the accrediting body recognized by the Council on Higher Education Accreditation as the accrediting agency for forestry education in the United States. Graduation from such SAF-accredited programs is required of all applicants for Registered Forester status in Alabama and several other states. The biosystems engineering program with the forest engineering option is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET). Completion of the wildlife sciences degree program qualifies the graduates for certification as associate wildlife biologists by The Wildlife Society. Completion of the wildlife pre-vet concentration prepares students for continuing to a college of veterinary medicine or other health-oriented study.

Forest Engineering Option
The Department of Biosystems Engineering in conjunction with the Samuel Ginn College of Engineering and the School of Forestry and Wildlife Sciences offers an accredited degree in biosystems engineering with a forest engineering option. Graduates are qualified to pursue Professional Engineering (PE) credentials. To receive a Society of American Foresters accredited degree and be eligible to
become a registered forester in the state of Alabama, students must complete the forest track in Biosystems Engineering and the forest resources minor in the School of Forestry and Wildlife Sciences.

This program is committed to preparing students for productive professional careers in the forest products industry and related natural resource and environmental systems sectors. Specific educational objectives of the program are: 1) graduates solve engineering problems such as those associated with the environment and natural resources, and the production, processing, storage, manufacture, utilization, and recycling of biological products; 2) graduates develop solutions to problems that combine engineering and biological sciences; 3) graduates develop environmentally and economically feasible and practical design solutions; and 4) graduates expand the role of engineering in society, communicate effectively, practice in a professional and ethical manner, and provide leadership in the profession.

The curriculum is coordinated by the Samuel Ginn College of Engineering and the School of Forestry and Wildlife Sciences. Students register in the Samuel Ginn College of Engineering and are assigned academic advisors in Biosystems Engineering and in Forestry. Beginning students should apply to the Samuel Ginn College of Engineering and complete the Pre-Forestry Engineering, program. (See the Samuel Ginn College of Engineering, Department of Biosystems Engineering section for the curriculum model, and detailed admission and degree requirements.)

Military Science

In all curricula within the School of Forestry and Wildlife Sciences, electives may include any number of Basic ROTC or Advanced ROTC. In curricula which do not provide sufficient electives for this purpose, ROTC may be taken in lieu of required courses outside of the major and not in the university core, to be selected with the approval of a School advisor. Common courses selected are Natural Resource Electives in the Wildlife curriculum, and forestry restricted electives.

Admission Requirements and Academic Standards

General Requirements

Freshman eligibility for the School of Forestry and Wildlife Sciences is determined by Enrollment Services. They may be reached at their website or by phone at (334) 844-6425. However, since the requirements for forestry and wildlife education necessitate high school preparatory work of high intellectual quality and considerable breadth, the following program is recommended: English (4 units), mathematics (including algebra, geometry, trigonometry and analytic geometry) (4 units), chemistry (1 unit), biology (1 unit), physics (1 unit), history, literature or social science (2 or 3 units), and foreign languages (1 unit). Freshmen in Forestry are admitted to the Pre-Forestry (PFOR) curriculum. Wildlife Ecology and Management students are admitted directly into the Wildlife Ecology and Management curricula (WLDE) and Natural Resources Management students are admitted directly into the Natural Resources Management curricula (NATR).

Transfers from other institutions must apply through Enrollment Services. The exact placement of transfer students can be determined only upon review of their transcripts by the Registrar’s Office and the School of Forestry and Wildlife Sciences.

Credit toward a degree in the School of Forestry and Wildlife Sciences will not be allowed for mathematics or chemistry courses at a lower level than those specified in the curriculum for the degree sought. Students who are not prepared to take the courses prescribed should take lower level remedial courses without degree credit.

Transfer Credits

Transfer credit for forestry and wildlife courses not considered equivalent to those required in the chosen curriculum may be substituted for elective credit. However, duplication of credit will not be allowed. Equivalency of forestry and wildlife courses will be determined by the Dean’s Office. Students also may obtain credit for FORY, FOWS and WILD courses on the basis of validating examinations. Arrangements for validating examinations must be made with the Dean’s Office. Transfer credit for upper-division courses in the major (greater than or equal to 3000-level) generally are not accepted for substitution.

Forestry Specific Requirements

The Professional Curriculum in Forestry (FORB) begins with the courses in the School of Forestry and Wildlife Sciences Summer Field Practicum as detailed in the major link at the bottom of this page. Students are admitted to this curriculum once a year during spring semester. To be considered for admission, a student must have completed, or be enrolled in all required courses in mathematics, statistics, biology, and English in the Pre-Forestry curriculum (PFOR).
To remain enrolled in the professional Forestry curriculum, students must maintain minimum GPA standards established by Auburn University. Students also must complete designated courses in the major with at least a 2.0 cumulative GPA. These major courses are designated in the curriculum model in the link at the bottom of this page.

Students in the FORY curriculum must attend the Forestry Practicum, which is scheduled for the summer term preceding the junior year and is held at the Solon Dixon Forestry Education Center near Andalusia, Alabama. Prerequisite classes needed to qualify to attend are ENGL 1100 and ENGL 1120, BIOL 1020 & 1030, MATH 1130 or higher, STATS 2510.

**Forest Engineering Option Specific Requirements**

Students are admitted to the professional Biosystems Engineering with Forest Engineering Option curriculum (FOEN) upon successful completion of the Pre-Forest Engineering (PFOE) program in the Samuel Ginn College of Engineering. Additional details on the Forest Engineering Option are available on the Samuel Ginn College of Engineering Biosystem page. Students pursuing the Forest Engineering Option must meet School of Forestry and Wildlife Sciences requirements for admission to the Forestry Summer Field Practicum, and must attend the Forestry Practicum. This summer hands-on experience is scheduled for the summer term preceding the junior year and is held at the Solon Dixon Forestry Education Center near Andalusia, Alabama.

**Natural Resources Management Specific Requirements**

Admission requirements for the Natural Resources Management curricula (NATR) are the same as for other SFWS majors and are set to match the requirements of Auburn University for any given year.

Students in the NATR curriculum must have a sequence of courses and selected embedded minor approved by their faculty advisor. This highly flexible curriculum should be customized to include the coursework for individual outdoor careers within the increasingly large number of jobs outside of the traditional forestry and wildlife fields.

To remain enrolled in the Natural Resources Management curriculum, students must maintain minimum GPA standards established by Auburn University. In addition to these standards, all required Natural Resources Management courses in the major with the prefix of FORY, WILD or FOWS listed in the sophomore, junior and senior years must be completed with a grade of C or better. Grades lower than a C will not satisfy prerequisite requirements of successive listed courses and the course must be re-taken for credit toward the degree. Students also must complete designated courses in the major with at least a 2.0 cumulative GPA. These major courses are designated in the curriculum model in the link at the bottom of this page.

**Wildlife Specific Requirements**

Admission requirements for the Wildlife Ecology and Management curricula (WLDE) are the same as for other SFWS majors and are set to match the requirements of Auburn University for any given year.

Students in the WILD curriculum, as described by the model in the link below, must attend WILD 4910 Wildlife Summer Practicum, which is scheduled for the summer term preceding the senior year and is held at the Solon Dixon Forestry Education Center near Andalusia, Alabama in the south-central section of the state. To be considered for admission to practicum, students must complete all prerequisites including: WILD 3280, BIOL 3060, WILD 5400 and WILD 3750.

To remain enrolled in Wildlife Ecology and Management or the Wildlife Science, Pre-Veterinary Medicine Concentration curricula, students must maintain minimum GPA standards established by Auburn University. In addition to these standards, all required wildlife courses in Wildlife Ecology and Management (WILD and FOWS) listed in the sophomore, junior and senior years and all required wildlife courses in Wildlife Science, Pre-Veterinary Medicine Concentration (WILD) must be completed with a grade of C or better. Grades lower than a C will not satisfy prerequisite requirements of successive listed courses and the course must be re-taken for credit toward the degree. Students also must complete designated courses in the major with at least a 2.0 cumulative GPA. These major courses are designated in the curriculum model in the link at the bottom of this page.

**Majors**

- Forestry
- Natural Resources Management
- Wildlife Ecology and Management
- Wildlife Sciences, Pre-Veterinary Medicine Concentration

**Minor**

- Forest Resources (http://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/minors/forestresources_minor)
School of Forestry and Wildlife Sciences

- Nature-Based Recreation (http://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/minors/naturebasedrecreation_minor)
- Natural Resources Ecology (http://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/minors/naturalresourcesecology_minor)
- Urban Environmental Science (http://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/minors/urbanenvirscience_minor)
- Watershed Sciences (http://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/minors/watershedsciences_minor)

Programs

- Economics - PhD (Forestry) (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/economicsphd_forestry)
- Forestry - MNR, MS, PhD (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/forestrymnrmssphd_major)
- Natural Resources - MNR, MS (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/naturalresourcesmnrmss_major)
- Wildlife Sciences - MS, PhD (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/wildlifesciencesmsphd_major)