

Forestry (FORB)

The objectives of the forestry curriculum are to provide: 1) the fundamental knowledge regarding the resources that professional foresters typically manage and the multiple uses, sustaining, and conservation of those resources; 2) a general education integrating physical, social and biological sciences to prepare the forester for the role as steward of public and private forest resources; and 3) training and skills needed for initial forestry employment, as well as for advancement to higher levels of managerial responsibility. The forestry degree is appropriate for students who seek employment in any aspect of forest resource management, from forest industry lands where timber production is typically the primary objective, to private non-industrial properties where multiple use predominates, to public lands where recreation or environmental protection is often paramount. The curriculum emphasizes biological, ecological, environmental, social, economic, and ethical considerations in forest management.

The required courses in the professional forestry curriculum (FORB, see below) are designed to be taken in sequence and as a block. The work is integrated among courses in each semester and between semesters. Students must pay careful attention to the pre-requisites of the junior and senior year courses, which are strictly enforced by the college, to ensure successful completion of the forestry program.

Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I		3 BIOL 1030 Organismal Biology & BIOL 1031 Organismal Biology Laboratory	4
BIOL 1020 Principles of Biology & BIOL 1021 Principles of Biology Laboratory		4 ENGL 1120 English Composition II	3
FOWS 1010 Introduction to Renewable Natural Resources		1 STAT 2510 Statistics for Biological and Health Sciences	3
MATH 1130 Pre-Calculus Trigonometry (or higher)		3 History or Social Science^{1,2}	3
History ^{1,2}		3	
		14	13

Sophomore

Fall	Hours	Spring	Hours
Literature ^{1,2}		3 ECON 2020 Principles of Microeconomics	3
CHEM 1030 Fundamentals Chemistry I		3 FORY 5470 GIS Applications in Natural Resources	2
CHEM 1031 Fundamental Chemistry I Laboratory		1 CHEM 1041 Fundamental Chemistry II Laboratory	1
Fine Arts		3 CHEM 1040 Fundamental Chemistry II	3
COMM 1000 Public Speaking		3 FOWS 3950 Undergraduate Seminar	1
Social Science ¹		3 Humanities or Literature ^{1,2}	3
		16	13

Total Hours: 56

Courses in bold type above are required for admission to Forestry (FORB) curriculum.

Curriculum in Professional Forestry (FORB)

Sophomore**Summer Hours**

The Forestry Summer Practicum is held at the Solon Dixon Forestry Education Center near Andalusia, Alabama.

BIOP 3391 Forest and Manufacturing Operations	1
FORY 3060 Introduction to Forest Management Strategies	1
FORY 3050 Field Mensuration	4
FORY 3020 Forest Biology	3
FOEN 3040 Forest Surveying	2

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Junior

Fall	Hours	Spring	Hours
FORY 3100 Dendrology	3	FORY 3200 Forest Tree Physiology	3
FORY 3180 Forest Resource Sampling	3	FORY 4190 Forest Biometrics	3
FORY 3010 Forest Soils	3	FORY 4230 Forest Ecology	3
BIOP 3390 Introduction to Forest Products and Packaging	3	FORY 5400 Forest Valuation and Economics	3
Restricted Electives	3	FOEN 5700 Harvesting	3
	15		15

Senior

Fall	Hours	Spring	Hours
FORY 5150 Forest Health	3	FORY 4980 Senior Capstone Project	4
FORY 5410 Forest Management and Administration	3	FORY 5140 Forest Regeneration and Seedling Production	3
FOWS 5270 Natural Resource Policy (or restricted elective)	3	Restricted Elective (or FOWS 5270 Natural Resource Policy)	3
FORY 5151 Forest Health Laboratory	1	Restricted Elective	3
FORY 5230 Silviculture	4	UNIV 4AA0 Creed to Succeed	0
	14		13

Total Hours: 68

Courses in bold type above are components of the Forestry major.

- ¹ SLO9 must be completed in one of the Humanities, Social Science, or History core courses.
- ² Student must complete a sequence in either Literature or History.
- ³ 3 hours must be completed from each of the 3 categories of restricted electives.

TOTAL HOURS - 124