

Auburn University  
*School of Forestry and Wildlife Sciences*  
**PRE-FORESTRY CURRICULUM (PFOR)**

NAME: \_\_\_\_\_ ID#: \_\_\_\_\_

**FRESHMAN**

FALL		SPRING	
<b>ENGL 1100</b>	<b>English Composition I</b> . . . . . 3	<b>ENGL 1120</b>	<b>English Composition II</b> . . . . . 3
<b>BIOL 1020</b>	<b>Principles of Biology</b> . . . . . 4	<b>BIOL 1030</b>	<b>Organismal Biology</b> . . . . . 4
<b>BIOL 1021</b>	<b>Principles of Biology Lab</b> . . . . . 0	<b>BIOL 1031</b>	<b>Organismal Biology Lab</b> . . . . . 0
<b>FOWS 1010</b>	Intro. To Natural Resources . . . . . 1	<b>MATH 1610</b>	<b>Calculus I</b> . . . . . 4
Core	History I . . . . . 3	Core	History II . . . . . 3
Core	Social Science I . . . . . 3		
	14		14

**SOPHOMORE**

<b>ENGL 2200</b>	<b>World Literature I</b> . . . . . 3	<b>ENGL 2210</b>	<b>World Literature II</b> . . . . . 3
<b>CHEM 1010</b>	<b>Survey of Chemistry I</b> . . . . . 3	<b>CHEM 1020</b>	<b>Survey of Chemistry II</b> . . . . . 3
<b>CHEM 1011</b>	<b>Survey of Chemistry I Lab</b> . . . . . 1	<b>CHEM 1021</b>	<b>Survey of Chemistry II Lab</b> . . . . . 1
<b>STAT 2510</b>	<b>Statistics for Biological and Health Sciences</b> 3	<b>ECON 2020</b>	<b>Principles of Microeconomics</b> . . . . . 3
Core	Philosophy . . . . . 3	<b>AGRN 2040</b>	Basic Soil Science . . . . . 4
<b>PHYS 1000</b>	Foundations of Physics . . . . . (4or)	<b>COMM 2410</b>	Small Group Communication . . . . . 3
<b>ACCT 2910</b>	Fundamentals of Accounting . . . . . 3		
	17/16		17

Acceptance into the Professional Forestry program requires the student to have completed or be enrolled in all of the courses in bold in the courses in bold in the Pre-Forestry curriculum (38 hours) plus at least 9 of the remaining hours (including the 3 hours for the fine arts core listed in the junior year, spring semester). In addition, a minimum GPA of 2.0 in all completed course in the Pre-Forestry curriculum is required.

**PROFESSIONAL FORESTRY CURRICULUM (FORB)**

**SUMMER PRACTICUM (DIXON CENTER)**

<b>FORY 3020</b>	<b>Forest Biology (M)</b> . . . . . 2
<b>FORY 3050</b>	<b>Field Mensuration (M)</b> . . . . . 3
<b>FORY 3060</b>	<b>Intro. To Forest Management Strategies (M)</b> . . . . . 2
<b>FOEN 3000</b>	<b>Introduction to Forest Operations (M)</b> . . . . . 2
<b>FOEN 3040</b>	<b>Forest Surveying (M)</b> . . . . . 3
	12

**JUNIOR**

<b>FORY 3100*</b>	<b>Dendrology (M)</b> . . . . . 3	<b>FORY 4190*</b>	<b>Forest Measurements II (M)</b> . . . . . 3
<b>FORY 3180*</b>	<b>Forest Measurements I (M)</b> . . . . . 3	<b>FORY 4230*</b>	<b>Forest Ecology (M)</b> . . . . . 3
<b>FORY 3200*</b>	<b>Forest Tree Physiology (M)</b> . . . . . 3	<b>FORY 5400*</b>	<b>Forest Economics (M)</b> . . . . . 3
<b>FOPR 3390*</b>	<b>Intro. To Wood Sciences and Products (M)</b> . 3	<b>FOEN 5700*</b>	<b>Harvesting (M)</b> . . . . . 3
	Core	Core	<b>Fine Arts</b> . . . . . 3
	12		15

**SENIOR**

<b>FORY 5150*</b>	<b>Forest Health (M)</b> . . . . . 3	<b>FORY 5420*</b>	<b>Forest Policy (M)</b> . . . . . 3
<b>FORY 5230*</b>	<b>Silviculture (M)</b> . . . . . 4	<b>FORY 4980*</b>	<b>Senior Capstone Project (M)</b> . . . . . 4
<b>FORY 5410*</b>	<b>Forest Management &amp; Administration (M)</b> . 3	<b>Emphasis (M)</b> . . . . . 8	
<b>Emphasis (M)</b> . . . . . 4			
	14		15

**129/130 Semester Hours**

A minimum cumulative GPA of 2.0 in all completed courses marked (M) in the Forestry curriculum is required.

\*Courses designated with an asterisk (\*) must be completed with a "C" or better.

Students planning a certificate, minor, additional major or second degree must contact the student services office as early as possible at (334) 844-1050 for referral to the appropriate School or College, advising in prerequisites, checks for minimum GPA requirements, and course scheduling.

All information presented here is subject to change. Current information is available at <http://www.sfws.auburn.edu/sso/index.php>.

(Telephone 334-844-1001 and FAX 334-844-8093).

As part of the major, students majoring in forestry must complete 12 semester hours in “one” Emphasis with a minimum of 12 semester hours. Approved emphasis are listed below.

**Forest Land Management Emphasis**

*FORY 4440	Forest Fire Management	3
*FORY 5240	Forest Watershed Management	2
*WILD 3280	Principles of Wildlife Management	3
WILD 3281	Wildlife Management Lab	1
FORY 5470	GIS Applications in Forestry	2
FORY 3600	Wildland Recreation Philosophy and Policy	2
FORY 4830	Industrial Wood Procurement Practicum	1
FORY 5440	International Forestry	2
AGRN 5150	Soil Morphology	4

**Forest Operations Emphasis**

*FOEN 4220	Low-Volume Road Design	3
*FORY 4820	Forestry in the Private Sector	2
*FORY 4830	Industrial Wood Procurement Practicum	1
*FOEN 5710	Timber Harvesting Analysis Methods	3
FORY 5450	Forest Industry Economics	3
FOEN 4730	Application of Timber Harvesting Techniques	2
FOPR 4200	Forest Products Utilization	3

**Forest Products Emphasis**

*FOPR 4200	Forest Products Utilization	3
*FOPR 5210	Primary Wood Processing Technologies	3
FORY 5450	Forest Industry Economics	3
FOPR 4780	Wood Chemistry	3
FOPR 5300	Mechanical and Physical Properties of Wood	3
FOPR 5350	Forest Products Production & Operations Management	3
FOPR 5360	Forest Products Marketing	3
FOPR 5500	Modern Sawmill Technology & Operations Management	3
CHEM 2030	Survey of Organic Chemistry	3

**Urban Forestry Emphasis**

*FORY 5650	Urban Forestry	3
FORY 3440	Environmental Law	3
FORY 5470	GIS Applications in Forestry	2
FORY 5480	GIS Database Design and Analysis	2
AERO 5320	Applications of the Global Positioning System	3
CPLN 5100	Urban Design Methods	3
HORT 5210	Landscape Bidding, Estimation, and Maintenance	4
HORT 2210	Landscape Gardening	4
HORT 3220	Arboriculture	4
POLI 2100	State and Local Government	3
RSOC 5640	Sociology of Community Development	3

**Business Emphasis**

FORY 3440	Environmental Law	3
FORY 3540	Estate Planning	3
FORY 3640	Taxation of Timber & Other Natural Resources	2
FORY 5450	Forest Industry Economics	3
FOPR 5350	Forest Products Production & Operations Management	3
FOPR 5360	Forest Products Marketing	3
ACCT 2990	Business Law	3
ECON 2030	Principles of Macroeconomics	3
FINC 3610	Principles of Business Finance	3
MKTG 3310	Principles of Marketing	3
MNGT 3100	Principles of Management	3

**Forest Biology Emphasis**

FORY 5240	Forest Watershed Management	2
FORY 5310	Environmental Ethics	3
FORY 4440	Forest Fire Management	3
AGRN 5000	Soils and Environmental Quality	3
AGRN 5020	Nutrient Management	3
BIOL 3060	Ecology	4
BIOL 3200	General Microbiology	4
BIOL 5120	Systematic Botany	4
BIOL 5140	Plant Ecology	4
CHEM 2030	Survey of Organic Chemistry	3
FISH 5320	Limnology	4
WILD 3280	Principles of Wildlife Management	3
WILD 3281	Principles of Wildlife Management Lab	1

Some of the courses in the Forest Biology Emphasis have CHEM 1040, or AGRN 2040 as prerequisites, so students are advised to take these during their freshman and sophomore years.

**Wildlife Management Emphasis**

*WILD 3280	Principles of Wildlife Management	3
WILD 3281	Principles of Wildlife Management Lab	1
*WILD 5280	Wildlife Ecology and Management I	3
WILD 5281	Wildlife Ecology and Management I Lab	1
*WILD 5290	Wildlife Ecology and Management II	3
WILD 5291	Wildlife Ecology and Management II Lab	1
BIOL 3060	Ecology	4
BIOL 4020	Vertebrate Biodiversity	4
WILD 5310	Wildlife Management Techniques	3

**Spatial Analysis Emphasis**

FORY 5470	GIS Applications in Forestry	2
FORY 5480	GIS Database Design and Analysis	2
BSEN 5220	Intro. To Spatial Technologies for Biosystems	3
COMP 1200	Introduction to Computing and Engineers and Scientists	2
GEOG 2800	Geographical Methods and Techniques	4
GEOG 3810	Cartography and Graphics	4
GEOG 3820	Aerial Photography and Remote Sensing	4
GEOG 3830	Geographic Information Systems	4

**Policy Emphasis**

FORY 3440	Environmental Law	3
FORY 5450	Forest Industry Economics	3
FORY 3600	Wildland Recreation Philosophy and Policy	2
AGEC 5090	Resource Economics I	3
AGEC 6120	Environmental and Natural Resource Economics	3
POLI 2100	State and Local Government	3
POLI 3250	Introduction to Public Administration	3
POLI 3270	Policy Process	3

**Scholars Emphasis**

\*FORY 4940 Scholars Project 1-3  
 In addition to at least 12 hours to be decided in consultation with their major professor and approved by the Dean. Courses used to satisfy the requirements should be at 3000 level and above. Admission to the Honors Emphasis requires either a 3.3 GPA on all course completed in the curriculum or a 3.0 GPA on courses in Forestry. Core calculated after Fall semester of the Junior year.

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