

Bachelor of Science in Forestry<sup>a</sup>  
**Forest Resources Management Concentration – 2019-20 Catalog**

Department of Forestry, Wildlife and Fisheries  
 University of Tennessee, Knoxville

Student \_\_\_\_\_ Advisor \_\_\_\_\_

Fall Semester	<b>Year 1</b>	Spring Semester
_____ (3) BIOL 113 - Introductory Plant Biology I		_____ (3) BIOL 114 - Introductory Plant Biology II
_____ (2) BIOL 115 - Introductory Plant Biology Laboratory		_____ (3) ENGL 102 - English Composition II
_____ (4) CHEM 100 - Prin of Chem <b>OR</b> CHEM 120 - Gen Chem I		_____ (3) MATH 125 - Basic Calculus
_____ (3) ENGL 101 - English Composition I <b>OR</b> ENGL 118 - Honors		_____ (3) Social Sciences Elective <sup>b</sup>
_____ (3) FORS 100 - Forests and Forestry in American Society		_____ (3) Unrestricted Elective
15		15

Fall Semester	<b>Year 2</b>	Spring Semester
_____ (3) Oral Communication (Gen Ed) <sup>h</sup>		_____ (3) FORS 215 - Forest Ecology
_____ (4) ESS 210 - Introduction to Soil Science		_____ (3) GIS Elective <sup>d</sup>
_____ (3) FORS 214 - Tree Biology		_____ (3) MATH 115 - Stat Reason <b>OR</b> STAT 201- Intro Stats
_____ (3) FWF 212 - Dendrology & Silvics of North American Trees		_____ (3) Cultures and Civilizations Elective <sup>c</sup>
_____ (3) Cultures and Civilizations Elective <sup>c</sup>		_____ (3-4) Economics Elective <sup>i</sup>
16		15-16

Fall Semester	<b>Year 3</b>	Spring Semester
_____ (3) EPP 411 - Forest Insects and Diseases		_____ (2) FORS 314 - Econ of Forest and Wildland Res
_____ (3) FORS 321 - Wildland Recreation		_____ (1) FWF 310 - Wildland Fire Behavior & Mgt
_____ (2) FORS 331 - Wood Science for Forestry Majors		_____ (3) FWF 312 - Principles of Silviculture <sup>c</sup>
_____ (3) FWF 315 - Principles of Wildlife & Fisheries Management		_____ (3) FWF 313 - Measurements and Sampling
_____ (3) Human Dimensions Elective <sup>e</sup>		_____ (3) Ethics Elective <sup>f</sup>
		_____ (3) Unrestricted Elective
14		15

Fall Block	<b>Year 4</b>	Spring Semester
_____ (2) FORS 305 - Prescribed Fire Management		_____ (3) FORS 422 - Forest and Wildland Resource Policy
_____ (3) FORS 322 - Silvicultural Practices		_____ (3) FORS 420 - Forest Resource Management
_____ (1) FORS 323 - People and Forest Practices		_____ (3) FWF 416 - Plan & Mgt FWF Resources
_____ (3) FORS 329 - Forest Resource Inventory		_____ (3) Arts and Humanities Elective <sup>e</sup>
_____ (1) FORS 332 - Forest Products Industry		_____ (3) Communications Elective <sup>g</sup>
_____ (2) FORS 411 - Principles Wood Proc & Forest Operations		
_____ (2) FWF 415 - Upland Habitat Management		
14		15

<sup>a</sup> 120 hours required for graduation; courses listed by department, number and title are required.

<sup>b</sup> Social Sciences elective - choose from ANTH 130; ANTH 137; POLS 102; PSYC 110; SOCI 110, SOCI 120, SOCI 127.

<sup>c</sup> General Education electives - choose two courses from the Cultures and Civilizations list and one course from the Arts and Humanities list (Ethics elective meets one of two AH course requirements). FWF 312 meets the Communication through Writing (WC) requirement.

<sup>d</sup> GIS elective - choose from ESS 326; FWF 430; GEOG 311.

<sup>e</sup> Human Dimensions elective - choose from FWF 320, FWF 420; SOCI 360, SOCI 465.

<sup>f</sup> Ethics elective (meets one AH requirement) - choose from PHIL 101, PHIL 244, PHIL 252.

<sup>g</sup> Communications elective - choose from ALEC 440; ENGL 295, ENGL 355, ENGL 360, ENGL 363, ENGL 364, ENGL 455, ENGL 456, ENGL 460, ENGL 463, ENGL 464; JREM 414, JREM 450, JREM 451.

<sup>h</sup> Oral communication (Gen Ed) - choose from ALEC 240; CMST 210, CMST 217, CMST 240, CMST 247.

<sup>i</sup> Economics elective - choose from AREC 201; ECON 201, ECON 211, ECON 213.

## **Elective Choices:**

### Social Sciences elective –

ANTH 130 Cultural Anthropology  
ANTH 137 Honors: Cultural Anthropology  
POLS 102 Introduction to Political Science  
PSYC 110 General Psychology  
PSYC 117 Honors: General Psychology  
SOCL 110 Social Problems and Social Justice  
SOCL 120 Introduction to Sociology  
SOCL 127 Honors: Introduction to Sociology

### GIS elective –

ESS 326 GIS/GPS Applications in Agriculture and Environmental Science  
FWF 430 Introduction to Geographic Information Systems (GIS) for Natural Resources  
GEOG 311 Geovisualization and Geographic Information Science

### Human Dimensions elective –

FWF 320 Human Dimensions of Natural Resources  
FWF 420 International Natural Resource Issues  
SOCL 360 Environment and Resources  
SOCL 465 Social Values and the Environment

### Ethics elective –

PHIL 101 Introduction to Philosophy  
PHIL 244 Professional Responsibility  
PHIL 252 Contemporary Moral Problems

### Communications elective –

ALEC 440 Business and Research Writing  
ENGL 295 Writing in the Workplace  
ENGL 355 Rhetoric and Writing  
ENGL 360 Technical and Professional Writing  
ENGL 363 Writing Poetry  
ENGL 364 Writing Fiction  
ENGL 455 Persuasive Writing  
ENGL 456 Contemporary Fiction/Narrative  
ENGL 460 Technical Editing  
ENGL 463 Advanced Poetry Writing  
ENGL 464 Advanced Fiction Writing  
JREM 414 Magazine and Feature Writing  
JREM 450 Writing about Science and Medicine  
JREM 451 Environmental Writing

### Oral Communications elective –

ALEC 240 Presentation and Sales Strategies for Agricultural Audiences  
CMST 210 Public Speaking  
CMST 217 Honors: Public Speaking  
CMST 240 Business and Professional Communication  
CMST 247 Honors: Business and Professional Communication

### Economics elective –

AREC 201 Economics of the Global Food and Fiber System  
ECON 201 Introductory Economics: A Survey Course  
ECON 211 Principles of Microeconomics  
ECON 213 Principles of Macroeconomics