

Bachelor of Science in Forestry<sup>a</sup>  
**Urban Forestry Concentration – 2021-22 Catalog**

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

Student _____	Advisor _____	
<p style="text-align: center;"><b>Fall Semester</b></p> <p>____ (3) BIOL 113 - Introductory Plant Biology I</p> <p>____ (4) CHEM 102 <b>and</b> CHEM 103 - Prin of Chem <b>OR</b>                      CHEM 122 <b>and</b> CHEM 123 – Gen Chem I/Gen Chem I lab</p> <p>____ (3) ENGL 101 - English Composition I <b>OR</b> ENGL 118 - Honors</p> <p>____ (3) FORS 100 - Forests and Forestry in American Society</p> <p>____ (3) PLSC 226 - Public Horticulture</p> <p style="text-align: center;">16</p>	<p style="font-size: 1.2em;"><b>Year 1</b></p>	<p style="text-align: center;"><b>Spring Semester</b></p> <p>____ (3) BIOL 114 - Introductory Plant Biology II</p> <p>____ (2) BIOL 115 - Introductory Plant Biology Lab</p> <p>____ (3) ENGL 102 - English Composition II</p> <p>____ (3) MATH 125 - Basic Calculus</p> <p>____ (3) Social Sciences Elective<sup>b</sup></p> <p>____ (3) Arts and Humanities Elective<sup>c</sup></p> <p style="text-align: center;">17</p>
<p style="text-align: center;"><b>Fall Semester</b></p> <p>____ (3) Oral Communication Elective<sup>h</sup></p> <p>____ (4) ESS 210 - Introduction to Soil Science</p> <p>____ (3) FORS 214 - Tree Biology <b>OR</b> FORS 217 Honors Tree Biol</p> <p>____ (3) FWF 212 - Dendrology &amp; Silvics of North American Trees</p> <p>____ (3) Cultures and Civilizations Elective<sup>c</sup></p> <p style="text-align: center;">16</p>	<p style="font-size: 1.2em;"><b>Year 2</b></p>	<p style="text-align: center;"><b>Spring Semester</b></p> <p>____ (3-4) FORS 215 - Forest Ecology <b>OR</b> BIOL 260 &amp; 269</p> <p>____ (3) MATH 115 - Stat Reason <b>OR</b> STAT 201 Intro Stats</p> <p>____ (3) PLSC 280 - Fundamentals of Landscape Design</p> <p>____ (3-4) Economics Elective<sup>i</sup></p> <p style="text-align: center;">12-14</p>
<p style="text-align: center;"><b>Fall Semester</b></p> <p>____ (3) EPP 411 - Forest Insects and Diseases</p> <p>____ (3) FORS 321 - Wildland Recreation <b>OR</b> FORS 327 Honors</p> <p>____ (3) FWF 315 - Principles of Wildlife &amp; Fisheries Management</p> <p>____ (3) Cultures and Civilizations Elective<sup>c</sup></p> <p>____ (3) Human Dimensions Elective<sup>e</sup></p> <p style="text-align: center;">15</p>	<p style="font-size: 1.2em;"><b>Year 3</b></p>	<p style="text-align: center;"><b>Spring Semester</b></p> <p>____ (2) FORS 314 - Econ of Forest and Wildland Res</p> <p>____ (3) FORS 335 - Principles of Urban Forestry</p> <p>____ (3) FWF 312 - Principles of Silviculture<sup>c</sup></p> <p>____ (3) FWF 313 - Measurements and Sampling</p> <p>____ (3) GIS Elective<sup>d</sup></p> <p style="text-align: center;">14</p>
<p style="text-align: center;"><b>Fall Block</b></p> <p>____ (1) FORS 323 - People and Forest Practices</p> <p>____ (3) FORS 329 - Forest Resource Inventory</p> <p>____ (3) FORS 345 - Practical Arboriculture</p> <p>____ (2) FORS 411 - Principles of Wood Procurement &amp; Forest Op</p> <p>____ (1) FORS 433 - Urbanization and Urban Soils</p> <p>____ (3) FORS 435 - Trees and the Law</p> <p>____ (3) FORS 496 - Internship in Forestry</p> <p style="text-align: center;">16</p>	<p style="font-size: 1.2em;"><b>Year 4</b></p>	<p style="text-align: center;"><b>Spring Semester</b></p> <p>____ (3) FORS 422 - Forest and Wildland Resource Policy</p> <p>____ (3) FWF 416 - Plan &amp; Mgt FWF Resources</p> <p>____ (3) Ethics Elective<sup>f</sup></p> <p>____ (3) Communications Elective<sup>g</sup></p> <p>____ (3-4) Unrestricted Elective<sup>j</sup></p> <p style="text-align: center;">15-16</p>

<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 AGNR 180, ANTH 130, ANTH 137; POLS 102; PSYC 110, PSYC 117; 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. A second Arts and Humanities elective must be chosen for the Ethics elective, for a total of 12 credit hours. 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, FWF 427; SOCI 360, SOCI 465.

<sup>f</sup> Ethics Elective - choose from PHIL 101, PHIL 244, PHIL 252.

<sup>g</sup> Communications Elective - choose from 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 elective (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 207, ECON 211, ECON 213.

<sup>j</sup> Unrestricted elective - any course not already required for the major.

## **Elective Choices:**

### Social Sciences elective –

AGNR 180 Global Dynamics: Food, Biodiversity, and the Environment  
ANTH 130 Cultural Anthropology  
POLS 102 Introduction to Political Science  
PSYC 110 General Psychology  
SOCl 110 Social Problems and Social Justice  
SOCl 120 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  
FWF 427 Honors International Natural Resources 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 –

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 207 Honors: Introductory Economics  
ECON 211 Principles of Microeconomics  
ECON 213 Principles of Macroeconomics