### Bachelor of Science in Forestry

#### Wildland Recreation Concentration – 2020-21 Catalog

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

<table>
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<tr>
<th>Student</th>
<th>Advisor</th>
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#### Year 1

**Fall Semester**

- (3) FORS 100 - Forests and Forestry in American Society
- (4-5) BIOL 101 - Intro Biology: Cells, Gen, & Physiology **OR**
  - BIOL 113 - Intro Plant Biol I **AND** BIOL 115 – Lab **OR**
  - BIOL 150 - Org & Ecol Biol **AND** BIOL 159 - Skills Biol Inv
- (3) Cultures and Civilizations Elective **c**
- (3) ENGL 101 - English Composition I **OR** ENGL 118 - Honors
- (2-3) Unrestricted Elective (GEOL 203 recommended)

**Spring Semester**

- (3-4) BIOL 102 - Intro Biology: Biodiv and Ecol **OR**
  - BIOL 114 - Introductory Plant Biology II **OR**
  - BIOL 160 - Cellular and Molecular Biology
- (3) ENGL 102 - English Composition II
- (3) MATH 125 - Basic Calculus
- (3) Social Sciences Elective **e**
- (4) CHEM 100 - Prin of Chem **OR** CHEM 120 - Gen Chem I **OR**
  - CHEM 128 - Honors: Gen Chem I

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#### Year 2

**Fall Semester**

- (3) FORS 214 - Tree Biology **OR** FORS 217 - Honors Tree Biol
- (3) FWF 212 - Dendrology & Silvics of North American Trees
- (4) ESS 210 - Introduction to Soil Science
- (3) Oral Communication (Gen Ed) **i**
- (3) Cultures and Civilizations Elective **c**

**Spring Semester**

- (3) FORS 215 - Forest Ecology
- (3) MATH 115 - Stat Reason **OR** STAT 201 Intro Stats
- (3) Arts and Humanities Elective **e**
- (3) Communications Elective **e**
- (3-4) Economics Elective **m**

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#### Year 3

**Fall Semester**

- (3) FORS 321 - Wildland Recreation **OR** FORS 327 Honors **c**
- (3) FWF 315 - Principles of Wildlife & Fisheries Management
- (3) Human Dimensions Elective **h**
- (3-4) GIS Elective **d**
- (3) Plant Sciences Elective **e**

**Spring Semester**

- (3) FORS 423 - Wildland Recreation Plan & Mgt
- (3) FWF 312 - Principles of Silviculture **e**
- (3) FWF 313 - Measurements and Sampling
- (3) Recreation Elective **h**
- (3) Sociology Elective **i**

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#### Year 4

**Fall Semester**

- (6) FORS 495 - Internship in Wildland Recreation
- (3) Arts and Humanities Elective **e**
- (3) Wildlife Elective **k**
- (3) Unrestricted Elective **f**

**Spring Semester**

- (3) FORS 422 - Forest & Wildland Resource Policy
- (3) FWF 416 - Plan & Mgt FWF Resources
- (2-3) Technical Elective **i**
- (4) Unrestricted Elective **f**

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

b Social Sciences Elective - choose from ANTH 130 or ANTH 137; POLS 102; PSYC 110, PSYC 117; SOCI 110, SOCI 120, SOCI 127.

c General Education Electives. Choose two courses from the Cultures and Civilizations list and two courses from the Arts and Humanities list.

f Unrestricted Elective - choose from any courses not already required for the major.

g Plant Science Elective - choose from FORS 335; PLSC 280, PLSC 350, PLSC 421, PLSC 437.

h Recreation Elective - choose from RSM 310, RSM 320, RSM 415, RSM 426, RSM 430.

i Sociology Elective - choose from GEOG 320, GEOG 345; PHIL 346; SOCI 345, SOCI 370.

j Technical Electives - choose from FORS 314 or FORS 317; MGT 440; PLSC 437; POLS 440, POLS 441.

k Wildlife Elective - choose from WFS 434, WFS 443, WFS 444, WFS 445, WFS 450, WFS 452.

l Oral Communication (Gen Ed) - choose from ALEC 240; CMST 210, CMST 217, CMST 240, CMST 247.

m Economics elective - choose from AREC 201, AREC 270; ECON 201, ECON 207, ECON 211, ECON 213.

n Human Dimensions elective - choose from FWF 320, FWF 420, FWF 427; SOCI 360, SOCI 465.
**Elective Choices:**

**Social Sciences elective –**
- ANTH 130 Cultural Anthropology
- POLS 102 Introduction to Political Science
- PSYC 110 General Psychology
- PSYC 117 Honors General Psychology
- SOCI 110 Social Problems and Social Justice
- SOCI 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
- GEOG 413 Remote Sensing of the Environment (or a related Geographic Information Systems (GIS) course)

**Communications elective –**
- ENGL 295 Writing in the Workplace
- JREM 390 Photojournalism
- JREM 422 Social Journalism
- JREM 450 Writing about Science and Medicine
- JREM 451 Environmental Writing
- PBRL 270 Public Relations Principles

**Plant Sciences elective –**
- FORS 335 Principles of Urban Forestry
- PLSC 280 Fundamentals of Sustainable Landscape Design
- PLSC 350 Sustainable Landscape Construction
- PLSC 421 Native Plants in the Landscape
- PLSC 437 Public Garden Operations and Management

**Recreation elective –**
- RSM 310 Developing and Evaluating Therapeutic Recreation Programs
- RSM 320 Therapeutic Recreation and Special Populations
- RSM 415 Facility Planning and Development
- RSM 426 Advanced Therapeutic Recreation Programming
- RSM 430 Organization and Administration of Recreation Services

**Sociology elective –**
- GEOG 320 Cultural Geography: Core Concepts
- GEOG 345 People and Environment
- PHIL 346 Environmental Ethics
- SOCI 345 Social Movements
- SOCI 370 Social Psychology

**Technical elective –**
- FORS 314 Economics of Forest and Wildland Resources
- FORS 317 Honors: Econ of Forest and Wildland Res
- MGT 440 Organizational Psychology
- PLSC 437 Public Garden Operations and Management
- POLS 440 Public Management and Human Resources
- POLS 441 Public Budgeting

**Wildlife elective –**
- WFS 434 Ecology and Conservation of Tropical Mammals
- WFS 443 Fisheries Science
- WFS 444 Ecology and Management of Wild Mammals
- WFS 445 Ecology and Management of Wild Birds
- WFS 450 Fish Physiology
- WFS 452 Ecology and Management of Fishes

**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
- AREC 270 Economic Perspectives on Natural Resource and Environmental Issues
- ECON 201 Introductory Economics: A Survey Course
- ECON 207 Honors: Introductory Economics
- ECON 211 Principles of Microeconomics
- ECON 213 Principles of Macroeconomics

**Human Dimensions elective –**
- FWF 320 Human Dimensions of Natural Resources
- FWF 420 International Natural Resource Issues
- FWF 427 Honors International Natural Resources Issues
- SOCI 360 Environment and Resources
- SOCI 465 Social Values and the Environment