

Bachelor of Science in Forestry^a
Wildland Recreation Concentration – 2019-20 Catalog

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

Student _____ Advisor _____

Fall Semester	Year 1	Spring Semester
_____ (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		_____ (3-4) BIOL 102 - Intro Biology: Biodiv and Ecol OR BIOL 114 - Introductory Plant Biology II OR BIOL 160 - Cellular and Molecular Biology
_____ (3) Cultures and Civilizations Elective ^c		_____ (3) ENGL 102 - English Composition II
_____ (3) ENGL 101 - English Composition I OR ENGL 118 - Honors		_____ (3) MATH 125 - Basic Calculus
_____ (3) FORS 100 - Forests and Forestry in American Society		_____ (3) Social Sciences Elective ^b
_____ (2-3) Unrestricted Elective (AGNR 291 & AGNR 292, OR GEOL 203 recommended)		_____ (4) CHEM 100 - Prin of Chem OR CHEM 120 - Gen Chem I OR CHEM 128 - Honors: Gen Chem I
15-17		16-17

Fall Semester	Year 2	Spring Semester
_____ (3) Oral Communication (Gen Ed) ^l		_____ (3) FORS 215 - Forest Ecology
_____ (4) ESS 210 - Introduction to Soil Science		_____ (3) MATH 115 - Stat Reason OR STAT 201 Intro Stats
_____ (3) FORS 214 - Tree Biology		_____ (3) Arts and Humanities Elective ^e
_____ (3) FWF 212 - Dendrology & Silvics of North American Trees		_____ (3) Communications Elective ^e
_____ (3) Cultures and Civilizations Elective ^c		_____ (3-4) Economics Elective ^m
16		15-16

Fall Semester	Year 3	Spring Semester
_____ (3) FORS 321 - Wildland Recreation ^c		_____ (3) FORS 423 - Wildland Recreation Plan & Mgt
_____ (3) FWF 315 - Principles of Wildlife & Fisheries Management		_____ (3) FWF 312 - Principles of Silviculture ^c
_____ (3) FWF 320 Human Dimensions of Natural Resources		_____ (3) FWF 313 - Measurements and Sampling
_____ (3-4) GIS Elective ^d		_____ (3) Recreation Elective ^h
_____ (3) Plant Science Elective ^g		_____ (3) Sociology Elective ⁱ
15-16		15

Fall Semester	Year 4	Spring Semester
_____ (6) FORS 495 - Internship in Wildland Recreation		_____ (3) FORS 422 - Forest & Wildland Resource Policy
_____ (3) Arts and Humanities Elective ^c		_____ (3) FWF 416 - Plan & Mgt FWF Resources
_____ (3) Wildlife Elective ^k		_____ (2-3) Technical Elective ^j
_____ (3) Unrestricted Elective ^f		_____ (4) Unrestricted Elective ^f
15		12-13

^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; 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. FORS 321 or FWF 312 meet the Communication through Writing (WC) requirement.

^d GIS Elective - choose from AGNR 291 **and** AGNR 292; ESS 326; FWF 430; GEOG 311, GEOG 413, or a related Geographic Information Systems (GIS) course.

^e Communications Elective - choose from ENGL 295*; JREM 390, JREM 422, JREM 450*, JREM 451*; PBRL 270.

^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 360, SOCI 370, SOCI 465.

^j Technical Electives - choose from FORS 314 or FORS 317; GEOG 411; MGT 440; PLSC 437; POLS 440, POLS 441.

^k Wildlife Elective - choose from 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; ECON 201, ECON 207, ECON 211, ECON 213.

Elective Choices:

Social Sciences elective –

ANTH 130 Cultural Anthropology
POLS 102 Introduction to Political Science
PSYC 110 General Psychology
SOC 110 Social Problems and Social Justice
SOC 120 Introduction to Sociology

GIS elective –

AGNR 291 Spreadsheets for College, Business, and Career Preparation **AND** AGNR 292 Databases for College, Business, and Career Preparation
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 Science 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
SOC 345 Social Movements
SOC 360 Environment and Resources
SOC 370 Social Psychology
SOC 465 Social Values and the Environment

Technical elective –

FORS 314 Economics of Forest and Wildland Resources
FORS 317 Honors: Econ of Forest and Wildland Res
GEOG 411 Intermediate Geographic Information Science
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 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
ECON 201 Introductory Economics: A Survey Course
ECON 207 Honors: Introductory Economics
ECON 211 Principles of Microeconomics
ECON 213 Principles of Macroeconomics