

Working with
Nature
for Society's
Well-Being

College of Forestry, Wildlife & Environment

2022 - 2023 · WILDLIFE ECOLOGY & MANAGEMENT CURRICULUM (WLDE)

FRESHMAN

FALL

ENGL 1100	English Composition I	3
BIOL 1020	Principles of Biology	3
BIOL 1021	Principles of Biology Lab	1
WILD 2050	Wildlife Conservation History & Law (M)	3
CORE HIST	History ¹	3
FOWS 1010	Introduction to Natural Resources (M)	1
TOTAL SEMESTER HOURS		14

SPRING

ENGL 1120	English Composition II	3
BIOL 1030	Organismal Biology	3
BIOL 1031	Organismal Biology Lab	1
CORE SOC	History or Social Science ¹	3
CORE FINE	Fine Arts	3
CORE SOC	Social Science	3
TOTAL SEMESTER HOURS		16

SOPHOMORE

FALL

CHEM 1030	Fundamentals of Chemistry I	3
CHEM 1031	Fundamentals of Chemistry I Lab	1
WILD 3280	Wildlife Ecology, Conservation, and Mgmt. (M)	3
ELEC PHYS	Restricted Physical Science Elective	4
MATH 1610	Calculus I	4
TOTAL SEMESTER HOURS		15

SPRING

CHEM 1040	Fundamentals of Chemistry II	3
CHEM 1041	Fundamentals of Chemistry II Lab	1
BIOL 3060	Ecology	4
BIOL 3030	Evolution & Systematics	3
CORE HUM	Literature ¹	3
TOTAL SEMESTER HOURS		14

JUNIOR

FALL

FORY 3100	Dendrology ²	3
ENGL 3040	Technical Writing	3
ELEC FIELD	Taxon-Specific Elective	4
STAT 2510	Statistics for Biological & Health Sciences	3
TOTAL SEMESTER HOURS		13

SPRING

CORE HUM	Literature or Humanities ¹	3
WILD 5750	Analysis for Wildlife Sciences (M)	4
COMM 1000	Public Speaking ³	3
WILD 4400	Problem Solving in Wildlife Sciences (M)	2
CORE SOC	Social Science	3
TOTAL SEMESTER HOURS		15

SUMMER PRACTICUM

WILD 4910	Wildlife Summer Practicum (M)	8
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SENIOR

FALL

WILD 5280	Avian Ecology & Management (M)	2
ELEC BIOL	Restricted Biology Elective	4
ELEC	Taxon-Specific Elective	4
WILD 5880	Wildlife Habitat Management (M)	4
TOTAL SEMESTER HOURS		14

SPRING

WILD 5290	Mammalian Ecology & Management (M)	2
FOWS 5270	Natural Resource Policy (M)	3
BIOL 5140	Plant Ecology	4
WILD 4890	Wildlife Population Science (M)	3
ELEC NATR	Natural Resource Elective/ROTC	3
TOTAL SEMESTER HOURS		15

Courses listed with (M) are major courses and must be completed with a "C" or better.

¹Student must complete a sequence in either Literature or History.

²Systematic Botany (BIOL 5120 – 4 hours) may be substituted for Dendrology.

³Environmental Interpretation (FOWS 2010) may replace COMM 1000. However, an additional humanities core must then also be taken.

124 TOTAL SEMESTER HOURS

01/21

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 within Auburn University, advising in prerequisites, checks for minimum GPA requirements, and course scheduling. *All information presented here is subject to change.* CFWE Student Services: PHONE (334) 844-1001, FAX (334) 844-8093. Current information: http://bulletin.auburn.edu/undergraduate/schoolofforestryandwildlifesciences/wildlifeecologyandmanagement_major/

Name:

ID#:

RESTRICTED ELECTIVES

Wildlife Curriculum

Natural Resource Elective – 3 hours total

(Biology and Taxon-Specific Electives may also be taken to fulfill the Natural Resource Electives.)

WILD 4340 Conservation Genetics
WILD 5410 Wildlife Damage Management
AGEC 4070 Agricultural Law
AGEC 4120 Environmental and Natural Resource Economics
BIOL 5090 Conservation Biology
BIOL 5150 Animal Community Ecology
BIOL 5350 Behavioral Ecology
BIOL 5360 Population Ecology
ENTM 3040 General Entomology
ENTM 4040 Insects Affecting Humans, Domestic Animals, and Wildlife
FISH 5520 Small Impoundment Management
FISH 5510 Fisheries Biology and Management
FORY 3180 Forest Measurements I
FORY 4230 Forest Ecology
FORY 4440 Forest Fire Management
FORY 5230 Silviculture
FORY 5470 GIS Applications in Natural Resources
FORY 5480 GIS Database Design and Analysis
FOWS 5220 Landscape Ecology
GEOG 5210 Climatology
GEOG 5830 Geographic Information Systems
NATR 4240 Watershed Management
NATR 5050 Urban Ecology
NATR 5250 Wetland Ecology and Management
NATR 5880 Ecological Economics
RSOC 5650 Sociology of Natural Resources and the Environment
SOCY 3000 Criminology

Biology Elective – 4 hours

AGRI 3000 Genetics
BIOL 3000 Genetics
BIOL 3010 Comparative Anatomy
BIOL 4010 Invertebrate Biodiversity
BIOL 5110 Parasitology
BIOL 5650 Ethology

Physical Science Elective – 4 hours

CSES 2040 Basic Soil Science
GEOL 1100 Physical Geology
PHYS 1000 Foundations of Physics

Taxon-Specific (Field) Electives – 8 hours

(Students must take either mammalogy or ornithology.)

BIOL 5740 Herpetology
BIOL 5750 Ornithology
BIOL 5760 Mammalogy
FISH 5380 General Ichthyology