

WILDLIFE AND FISHERIES BIOLOGY

Bachelor of Science

Freshman Year

First Semester

3 - BIOL 103 General Biology I
1 - BIOL 105 General Biology Lab. I
4 - CH 105 Chemistry in Context I¹
1 - E N R 101 Intro. to Env. & Nat. Res. I
3 - MTHSC 102 Intro. to Math. Analysis
3 - Oral Communication Requirement²
15

Second Semester

3 - BIOL 104 General Biology II
1 - BIOL 106 General Biology Lab. II
4 - CH 106 Chemistry in Context II¹ or
4 - PHYS 200 Introductory Physics¹
3 - ENGL 103 Accelerated Composition
3 - EX ST 301 Introductory Statistics
1 - F N R 102 FNR Freshman Portfolio
15

Sophomore Year

First Semester

4 - F N R 204 Soil Information Systems
2 - FOR 205 Dendrology
3 - FOR 221 Forest Biology
3 - W F B 300 Wildlife Biology
1 - W F B 301 Wildlife Biology Lab.
3 - Arts and Humanities (Literature) Req.²
16

Second Semester

3 - Arts and Humanities (Non-Lit.) Req.²
3 - E N R 302 Natural Res. Measurements
3 - FOR 206 Forestry Ecology
3 - W F B 350 Princ. of Fish & Wildlife Biol.
3 - Social Science Requirement²
15

Junior Year

First Semester

4 - BIOSC 320 Field Botany
3 - ENGL 314 Technical Writing
3 - GEN 300 Fundamental Genetics
3 - W F B 410 Wildlife Mgmt. Techniques
3 - BIOSC 303 Vertebrate Biology
16

Second Semester

3 - W F B 313 Conservation Biology
3 - W F B 412 Wildlife Management
3 - W F B 416 Fishery Biology
3 - W F B 440 Non-Game Wildlife Mgmt.
3 - W F B 462 Wetland Wildlife Biology
15

Senior Year

First Semester

3 - AP EC 257 Nat. Res., Env., and Econ.
4 - AVS 301 Anat. & Phys. of Dom. Animals
3 - FOR 434 GIS for Landscape Planning
5 - Approved Requirement³
15

Second Semester

1 - F N R 499 Natural Resources Seminar
3 - W F B 430 Wildlife Conservation Policy
7 - Approved Requirement³
3 - Policy and Law Requirement³
1 - W F B 498 Senior Portfolio
15

122 Total Semester Hour

¹Students planning to take organic chemistry should substitute CH 101 and 102.

²See General Education Requirements. Three of these credit hours must also satisfy the Cross-Cultural Awareness Requirement; and, if CH 105 is not selected, three credits must also satisfy the Science and Technology in Society Requirement. (Note: Social Science Requirement must be in an area other than economics or applied economics.)

³Select from department-approved list.

WFB 306 Introduction to Wildlife Conservation 2(2,0)
 WFB 307 Hunting and Wildlife Management 1(1,0)
 WFB 414, 614 Wildlife Nutritional Ecology 3(3,0)
 WFB 418 Fishery Conservation 3(3,0)
 WFB 430, 630 Wildlife Conservation Policy 3(3,0)
 WFB 444, 644 Wildlife Damage Management 3(2,3)
 WFB 450, 650 Aquaculture 3(3,0)
 WFB 460, 660 Warmwater Fish Diseases 2(2,0)
 WFB (ENT) 469, H469, 669 Aquatic Insects 3(1,6)
 only 3 credits WFB 490 Field Training in Aquaculture, Fisheries, and Wildlife 6(0,18)
 WFB 493 Selected Topics 1-4(0-4,0-12) [3 cr "approved topic"]
 WFB 499 Wildlife Biology and Fisheries Seminar 1(1,0) [if taken a second time]
 APEC 475 Wildlife Economics and Policy 3(3,0)
 AGM 301 Soil and Water Conservation 3(2,3)
 BIOSC 302, H302 Invertebrate Biology 3(3,0)
 BIOSC 306 Invertebrate Biology Laboratory 1(0,3)
 BIOSC 307 Vertebrate Biology Laboratory 1(0,3)
 BIOSC 410, 610 Limnology 3(3,0)
 BIOSC 411, H411, 611 Limnological Analyses 2(1,2)
 BIOSC 417, 617 Marine Biology 3(3,0)
 BIOSC 442, H442, 642 Biogeography 3(3,0)
 BIOSC 443, 643 Aquatic Ecology 3(3,0)
 BIOSC 475, H475 675 Comparative Physiology 3(3,0)
 BIOSC 476, H476, 676 Comparative Physiology Laboratory 2(1,2)
 BIOSC 464, 664 Mammalogy 3(2,3)
 BIOSC 468, 668 Herpetology 3(2,3)
 BIOSC 470, H470, 670 Animal Behavior 3(3,0)
 BIOSC 471, 671 Animal Behavior Laboratory 1(0,3)
 BIOSC 472, 672 Ornithology 4(3,3)
 BIOSC 477, 677 Ichthyology 3(2,3)
 BIOSC 486 Natural History 3(3,0)
 CRD 357 Natural Resources Economics 3(3,0)
 ENR (BIOSC) 413 Restoration Ecology 3(3,0)
 ENR 429 Environmental Law 3(3,0)
 ENR 450, 650 Conservation Issues 3(3,0)
 ENT 300 Environmental Entomology 3(3,0)
 ENT (WFB) 469, H469, 669 Aquatic Insects 3(1,6)
 FNR 466, 666 Stream Ecology
 FOR 400, 600 Public Relations in Natural Resources 3(3,0)
 FOR 406 Forested Watershed Management 2(2,0)
 FOR 415, 615 Forest Wildlife Management 3(2,3)
 FOR 433, 633 GPS Applications 3(2,3)
 FOR 434, 634 Geographic Information Systems for Landscape Planning 3(2,3)
 Students considering "AFS" Certification which requires 15 hrs of Physical Sciences
 GEOL 101 Physical Geology (3,0) and GEOL 103 Physical Geol Lab 1(0,2) or Physics 200 Introductory Physics 4 cr (3,2)

"PAL" Policy and Law Approved Requirements¹

APEC 475 Wildlife Economics and Policy 3(3,0)
 CRD 357 Natural Resources Economics 3(3,0)
 ENR 429 Environmental Law 3(3,0)
 ENR 450, 650 Conservation Issues 3(3,0)
 FOR 400, 600 Public Relations in Natural Resources 3(3,0)
 WFB 430, 630 Wildlife Conservation Policy 3(3,0)

¹ (as long as not used to fill another requirement in curriculum)