



University of Idaho

Department of Fish and Wildlife Sciences

Wildlife Resources

Recommended 4-Year Plan | 2021/2022

Training the Next Generation of Wildlife Professionals

The Bachelor of Science in Wildlife Resources focuses on the ecology, conservation, and management of wildlife species and their natural habitats. In this degree offered through the Department of Fish and Wildlife Sciences, our students learn to apply the principles of biology and ecology to understand how wildlife interact with each other and with their environment and how to address management challenges associated with a growing human population. Our degree emphasizes critical thinking and hands-on learning through coursework, field and laboratory experiences, and our graduates are equipped to be successful natural resource managers, conservation officers and scientists in a rapidly changing world. Our graduates pursue careers with state, federal, tribal and private organizations involved with: managing wildlife populations and their habitat, conservation law enforcement, zoo and captive animal care, biological monitoring, environmental impact assessment, and conservation of endangered wildlife and ecosystems.

FRESHMAN

FALL

COURSE	CREDITS
NR 101 - Exploring Natural Resources	2
CHEM 101/101L - Intro to Chemistry & Lab	4
ENGL 101* - Writing & Rhetoric I <small>(sufficient test score)</small>	3
MATH 108 - Intermediate Algebra	3
General Education Requirement	3

TOTAL 15

SPRING

COURSE	CREDITS
FISH/WLF 102 - The Fish & Wildlife Professions	1
BIOL 114 - Organisms & Environments	4
COMM 101 - Fundamentals of Oral Communication	2
ENGL 102* - Writing & Rhetoric II <small>(ENGL 101)</small>	3
MATH 143 - Pre-Calculus Algebra <small>(MATH 108)</small>	3
General Education Requirement	3

TOTAL 16

SOPHOMORE

FALL

COURSE	CREDITS
WLF 201 - Fish & Wildlife Applications I <small>(NR 101)</small>	2
WLF 220 OR FOR/REM 221 - Principles of Ecology <small>(BIOL 102/102L, 114, 115, or PLSC 205)</small>	3
NRS 235 - Society & Natural Resources	3
BIOL 115/115L - Cells & the Evolution of Life & Lab <small>(CHEM 101 or 114)</small>	4
MATH 160 - Survey of Calculus <small>(MATH 143)</small> OR	4
MATH 170 - Analytic Geometry & Calculus I <small>(MATH 143 & 144)</small>	4

TOTAL 16

SPRING

COURSE	CREDITS
STAT 251* - Statistical Methods <small>(MATH 108, 143, 160, or 170; or sufficient score)</small>	3
BIOL 213 - Principles of Biological Structure & Function <small>(BIOL 115)</small>	4
WLF 370 - Management & Communication of Scientific Data	3
GEOL 101/101L - Physical Geology OR	4
PHYS 100/100L - Fundamentals of Physics & Lab OR	4
PHYS 111 - General Physics I <small>(MATH 143)</small> OR	4
SOIL 205& 206 - The Soil Ecosystem & Lab <small>(CHEM 101 or 111)</small>	4

TOTAL 14

WILDLIFE RESOURCES

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JUNIOR

FALL

COURSE	CREDITS
WLF 314 - Ecology of Terrestrial Vertebrates <small>(FOR/REM 221, WLF 220, or BIOL 314)</small>	3
WLF 315 - Wildlife Techniques Lab <small>(WLF 314)</small>	2
FOR 220 - Forest Biology & Dendrology <small>(BIOL 114 or PLSC 205)</small> OR REM 341* - Systemic Botany <small>(BIOL 115 & 213 or PLSC 205)</small> OR REM 252 - Wildland Plant ID AND REM 253 - Wildland Plant ID Field Studies <small>(REM 252)</small>	3
BIOL 310 - Genetics <small>(BIOL 115 or 250)</small> OR GENE 314 - General Genetics <small>(BIOL 115 or 154)</small>	3
General Education Requirement American Diversity	3

TOTAL 14

SPRING

COURSE	CREDITS
CHEM 275 - Carbon Compounds <small>(CHEM 101 or 111)</small> OR CHEM 277 - Organic Chemistry I <small>(CHEM 112)</small>	3
WLF 371 - Physiological Ecology of Wildlife <small>(BIOL 213)</small>	3
WLF 448 - Fish and Wildlife Population Ecology <small>(STAT 251 & MATH 160 or 170)</small>	4
Social/Political Restricted Elective	2-3
General Education Requirement International	3

TOTAL 15-16

REQUIRED INTERNSHIP

COURSE	CREDITS
FISH/WLF 398 - Renewable Natural Resources Internship <small>(Fall, Spring, or Summer)</small>	2

SENIOR

FALL

COURSE	CREDITS
WLF 440* - Conservation Biology <small>(FOR/REM 221, WLF 220, or BIOL 314)</small>	3
FOR/NRS 375 - Intro to Spatial Analysis for NR Mgmt <small>(College algebra)</small>	3
WLF 411+ - Wildland Habitat Ecology & Assessment <small>(STAT 251)</small>	2
ECON 202* - Principles of Microeconomics	3
Restrictive Elective: Organismal Biology	3-4

TOTAL 14-15

SPRING

COURSE	CREDITS
WLF 492 - Wildlife Management <small>(WLF 314, 448, & Sr Standing)</small>	4
NRS 383 - NR & Ecosystem Service Economics <small>(NRS 235, MATH 143, & ECON 202 or 272)</small>	3
Restrictive Elective: Organismal Biology	3-4
General Education Requirement	3

TOTAL 13-14

RESTRICTED ELECTIVES:

ORGANISMAL BIOLOGY - CHOOSE TWO COURSES

BIOL 483 - Mammalogy
BIOL 489 - Herpetology
FISH 481 - Ichthyology
WLF 482 - Ornithology

SOCIAL/POLITICAL - CHOOSE ONE COURSE

COMM 410 - Conflict Management
FOR/NRS 484 - Forest Policy and Admin
NRS 250 - Environmental Problem Solving
NRS 311 - Public Involvement in Natural Resource Management
NRS/ENVS 386 - Managing Complex Environmental Systems
NRS 387 - Environmental Communication Skills
NRS 462 - Nature Resource Policy
SOC 465 - Environment, Policy, & Justice
WLF 205 - Wildlife Law Enforcement

OTHER:

For students interested in the Pre-Vet Program under the Wildlife Resources curriculum:

Prefer taken:
• COMM 341 - Applied Business and Professional Communication
Substitute:
• PHYS 100 --> PHYS 111 - General Physics I
• CHEM 101 --> CHEM 111 - Principles of Chemistry I
• CHEM 275 --> CHEM 277/278 - Organic Chemistry I & Lab
Add:
• CHEM 112 - Principles of Chemistry II
• BIOL 380 - Biochemistry I

For students interested in becoming a Conservation Officer, please see the following general education and elective courses:

SOC 101 - Intro to Sociology
SOC 260 - Intro to Deviance and Crime
SOC 331 - Criminology Theory
PSYC 101 - Intro to Psychology
PSYC 320 - Intro to Social Psychology
COMM 233 - Interpersonal Communication
COMM 410 - Conflict Management
NRS 125 - Intro to Conservation and Natural Resources
NRS 387 - Environmental Communication Skills

Ready to Get Started?

Email cnradvising@uidaho.edu

- This academic plan is intended as a guideline only and does not replace academic advising.
- 120 credits minimum are required for a B.S. in Wildlife Resources
- Minimum of 36 upper-division credits required to graduate.
- See course catalog and department website for complete degree requirements and additional information.
- * - Both Online & In-Person options are offered
- + - Online only offered