



Wildlife Biology, B.S. *major*

A total of 120 semester credits are needed for the **Wildlife Biology B.S.** degree and include the following:

- 40 upper division credits (level 3000/4000)
- 74 required major core credits
- Completion of Core Curriculum credits (Minnesota Transfer Curriculum [MnTC] Goal Areas 1-10) - required for all baccalaureate degrees
- Completion of BSU Focus and Nisidotaading Course Requirements

Dual Degrees

Students wishing to complete two degrees concurrently, (example: Bachelor of Science and Bachelor of Arts) must complete a minimum of an additional 30 credits above the required 120 credits.

Multiple Credentials

Any additional major, minor or certificate in a degree must have at least 6 credits of course work not used to meet the requirements of another major, minor or certificate in the degree.

Required Credits: 74

Required GPA: 2.25

I REQUIRED BIOLOGY CORE COURSES

Complete the following courses:

- BIOL 1400 Cellular Principles (4 credits)
- BIOL 1500 Diversity of Life (4 credits)
- BIOL 2610 General Ecology (3 credits)

II REQUIRED WILDLIFE BIOLOGY CORE COURSES

Complete the following courses:

- BIOL 3610 Principles of Wildlife Management (3 credits)
- BIOL 4510 Ornithology (3 credits)
- BIOL 4520 Mammalogy (3 credits)
- GEOG 3231 Introduction to Geographic Information Systems (3 credits)
- GEOG 3232 Intermediate Geographic Information Systems (3 credits)
- BIOL 3630 Conservation Biology (3 credits)
or GEOG 3630 Conservation Biology (3 credits)
- BIOL 4330 Upland Wildlife Management (3 credits)
- BIOL 4530 Ecology and Management of Large Mammals (3 credits)

Select two of the following courses:

- BIOL 2360 Genetics (4 credits)
- BIOL 3150 Animal Behavior (3 credits)
- BIOL 3310 Entomology (3 credits)
- BIOL 3850 Marine Biology (3 credits)
- BIOL 4210 Parasitology (4 credits)
- BIOL 4534 Ichthyology (4 credits)
- BIOL 4620 Evolution (3 credits)

Select two of the following courses, with at least one being BIOL 3170 or BIOL 3730 or BIOL 3830:

- BIOL 3170 Dendrology (2 credits)
- BIOL 3730 Plant Diversity (4 credits)
- BIOL 3830 Aquatic Plants and Algae (4 credits)
- BIOL 3720 Plant Form and Function (4 credits)

- BIOL 4623 Forest Ecology (4 credits)

Select two of the following courses:

- BIOL 3420 Human Dimensions of Wildlife and Fisheries Management (3 credits)
- BIOL 3400 Fish & Wildlife Law and Administration (3 credits)
or ENVR 4210 Environmental Law and Policy (3 credits)
- POL 3230 Environmental Politics (3 credits)
- ENVR 3600 Environmental Justice and Sustainability (3 credits)

III REQUIRED WILDLIFE BIOLOGY ELECTIVES

Select two additional Biology courses (3-8 credits) at the 2000 level or above, except BIOL 2925:

IV CAPSTONE PROJECT

Complete the following course:

- BIOL 4780 Wildlife Management Techniques (5 credits)

V REQUIRED COURSES IN RELATED FIELDS

Complete the following courses:

- CHEM 1111 General Chemistry I (4 credits)
or CHEM 2211 Principles of Chemistry I (4 credits)
- CHEM 1112 General Chemistry II (4 credits)
or CHEM 2212 Principles of Chemistry II (4 credits)

Select 1 of the following courses:

- STAT 2610 Applied Statistics (4 credits)
- PSY 3401 Basic Statistics for Research (4 credits)

Select 1 of the following courses:

- PHYS 1101 General Physics I (4 credits)
- PHYS 2101 Physics I (4 credits)
- GEOL 1110 Physical Geology (4 credits)
- GEOL 1120 Historical Geology (4 credits)
- BIOL 3120 Soils (4 credits)
- GEOL 3120 Soils (4 credits)

Select 1 of the following courses:

- MATH 2471 Calculus I (5 credits)
- ENVR 4220 Sampling and Analysis (4 credits)
- GEOG 4265 Spatial Analysis (3 credits)
- PSY 4403 Advanced Statistics and Research Design (4 credits)

Suggested Semester Schedule | Wildlife Biology, B.S.

Freshman

- BIOL 1400 Cellular Principles (4 credits)
- BIOL 1500 Diversity of Life (4 credits)
- CHEM 1111 General Chemistry I (4 credits)
or CHEM 2211 Principles of Chemistry I (4 credits)
- CHEM 1112 General Chemistry II (4 credits)
or CHEM 2212 Principles of Chemistry II (4 credits)
- Core Curriculum requirements

Sophomore

- BIOL 2610 General Ecology (3 credits)
- STAT 2610 Applied Statistics (4 credits)
or PSY 3401 Basic Statistics for Research (4 credits)
- Wildlife Biology degree requirements
- Core Curriculum requirements
- Consult with your academic advisor

Junior

- Wildlife Biology degree requirements
- Complete Core Curriculum requirements
- Consult with your Biology academic advisor

Senior

- Capstone Project
- Complete Wildlife Biology degree requirements
- Consult with your Biology academic advisor