



Biology, B.S. *major*

Wildlife Management Emphasis (Optional)

This emphasis applies only to the Biology Major, B.S. It does not apply to the Biology Major, B.A. and Science (Life Science) Major, B.S. (Teacher Licensure).

The suggested courses are designed to focus the student's Biology Major with an emphasis in Wildlife Management. This emphasis guides the educational development of students preparing for graduate training and careers in the field of wildlife management.

Students complete this emphasis with careful selection of courses while fulfilling the requirement for the Biology Major, B.S. degree. This emphasis is neither a major nor a minor. It is a series of selected courses providing some level of specialization in wildlife management.

Required Credits: 73

Required GPA: 2.25

I REQUIRED BIOLOGY CORE COURSES

COMPLETE THE FOLLOWING COURSES:

- BIOL 1211 Introductory Biology I (4 credits)
- BIOL 1212 Introductory Biology II (4 credits)
- BIOL 2360 Genetics (4 credits)
- BIOL 2610 General Ecology (3 credits)

II REQUIRED EMPHASIS COURSES

COMPLETE THE FOLLOWING COURSES:

- BIOL 3510 Ornithology (4 credits)
- BIOL 3610 Principles of Wildlife Management (3 credits)
- BIOL 3730 Plant Diversity (4 credits)
or BIOL 3830 Aquatic Plants (4 credits)
- BIOL 3880 Wildlife Management Techniques (4 credits)
- BIOL 4520 Mammalogy (4 credits)
- GEOG 3231 Introduction to Geographic Information Systems (3 credits)
- GEOG 3232 Intermediate Geographic Information Systems (3 credits)
- ENVR 4210 Environmental Law and Policy (3 credits)
- BIOL 3310 Entomology (4 credits)
or BIOL 4534 Ichthyology (4 credits)
or BIOL 3150 Animal Behavior (3 credits)
or BIOL 4210 Parasitology (4 credits)
- BIOL 3623 Forest Ecology (4 credits)
or BIOL 3720 Plant Form and Function (4 credits)
- BIOL 3630 Conservation Biology (3 credits)
or GEOG 3630 Conservation Biology (3 credits)
or BIOL 4330 Upland Wildlife Management (3 credits)

III CAPSTONE EXPERIENCE

This requirement may be completed in one of the following ways: A OR B

A.
COMPLETE A TWO-SEMESTER, 4 CREDIT RESEARCH COURSE (2 CREDITS PER SEMESTER)--ADVANCED LABORATORY PROJECTS IN BIOLOGY (BIOL 4894 AND BIOL 4895) OR ADVANCED FIELD PROJECTS IN BIOLOGY (BIOL 4896 AND BIOL 4897)

B.

COMPLETE SOME OTHER CAPSTONE EXPERIENCE APPROVED BY YOUR BIOLOGY ACADEMIC ADVISOR AND THE DEPARTMENT

IV REQUIRED COURSES IN RELATED FIELDS

COMPLETE THE FOLLOWING COURSES:

- CHEM 2211 Principles of Chemistry I (4 credits)
- CHEM 2212 Principles of Chemistry II (4 credits)
- STAT 2610 Applied Statistics (4 credits)
or PSY 3401 Basic Statistics for Research (4 credits)
- PHYS 1101 General Physics I (4 credits)
or PHYS 2101 Physics I (5 credits)
or BIOL 3120 Soils (4 credits)