Program in
Wildlife and Conservation Science
School of the Environment

Degree
Bachelor of Science in Earth and Environmental Sciences

Major
Wildlife and Conservation Science
  Basic
  Pre-Veterinary

Minors
Wildlife Ecology
Forestry
Natural Resources
Rangeland Ecology and Management
Environmental Sciences
Earth Sciences

Program Strengths
Get hands-on experience with wildlife and conservation at:
  • The Bear Research, Education, and Conservation Program
  • The Wild Ungulate and Small Mammal Research Facility
  • The Large Carnivore Conservation Lab
  • The Endangered Species Laboratory
  • The Conservation Genetics and Environmental DNA Laboratory
  • Geographic Information Systems labs

Work closely with professors who are nationally recognized experts in:
  • Large carnivore management and conservation
  • Behavioral ecology, reproduction, and nutrition of wildlife
  • Habitat restoration and conservation of endangered species
  • Forest, grassland, and wetland habitat management
  • Landscape and conservation genetics

Benefit from an integrated curriculum that allows you learn about wildlife from all angles

Certification Requirements
24 completed semester credits
2.0 minimum grade point average

Suggested Classes for Freshmen
BIOL 106: Introductory Biology: Organismal Biology
BIOL 107: Introductory Biology: Cell Biology and Genetics
CHEM 101: Introduction to Chemistry
  OR CHEM 105: Principles of Chemistry I
MATH 106: College Algebra
MATH 108: Trigonometry

Suggested Classes for Transfer Students
NATRS 204: Natural Resources Measurements
NATRS 300: Natural Resources Ecology
NATRS 310: Methods in Wildlife Ecology
NATRS 301: Forest Plants & Ecosystems
SOILS 368: Introduction to Geographic Information Systems

Math Requirement
MATH 106: College Algebra
MATH 108: Trigonometry
STAT 212: Introduction to Statistical Methods
Advanced Statistics Class

School of the Environment Core Courses

Wildlife Ecology and Conservation Science Core Courses
NATRS 310: Methods in Wildlife Ecology
NATRS 435: Wildlife Ecology
NATRS 450: Conservation Biology
NATRS 431: Wildlife Nutrition
NATRS 446: Wildlife Habitat Ecology
Two animal systematics courses: Mammalogy, Ornithology, Amphibians and Reptiles, Fish Biology
NATRS 204: Natural Resources Management
NATRS 301: Forest Plants and Ecosystems
NATRS 302: Arid Land Plants and Ecosystems
NATRS 438: Natural Resources Policy and Law
NATRS 441: Population Ecology
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For more information:
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Student Clubs
The Wildlife Society
Forestry Club
Environmental Science Club
Geology Club

Career Options
Wildlife biologist, manager, or researcher
Fishery biologist, manager, or researcher
Conservation biologist/Endangered species specialist
Wildlife refuge manager
Wildlife officer
Veterinarian
Zookeeper
Natural resources manager
Environmental consultant
Environmental educator

The School of the Environment is affiliated with both the College of Arts and Sciences and the College of Agriculture, Human, and Natural Resource Sciences.