FW 251 : WILDLIFE CONSERVATION

Transcript title
Wildlife Conservation

Credits
3

Grading mode
Standard letter grades

Total contact hours
30

Lecture hours
30

Recommended preparation
WR 121Z.

Course Description
Introduces fundamentals of wildlife ecology and management and their role in wildlife conservation. Examines history of wildlife management, current issues and case examples in wildlife conservation.

Course learning outcomes
1. Discuss federal and state responsibilities for fisheries and wildlife management.
2. Explain the development of wildlife management as a discipline in the United States.
3. Discuss basic needs of wildlife, including food, water, cover, and space.

4. Distinguish between home range, territory, migration, and dispersal with respect to wildlife.
5. Understand basic wildlife population dynamics and terminology.
6. Analyze and apply basic harvest management strategies for fish and wildlife.
7. Analyze impacts of plant and animal non-native species on native wildlife and habitat.
8. Apply the concept of ecological succession and the effect of forest management on succession and wildlife habitat.
9. Evaluate and discuss current case examples of wildlife and their interactions with humans and human activities (white-tailed deer in the Eastern United States and wolves in Oregon).
10. Effectively connect human dimension aspects with ecological principles when evaluating natural resource concerns.
11. Synthesize and evaluate a body of professional literature to produce a research manuscript adhering to publication guidelines for submission to a professional journal.

Content outline
- Wildlife conservation and values
- History of wildlife management
- Important legislation in wildlife management
- Food, nutrition, and water
- Wildlife cover requirements
- Wildlife movements
- Wildlife reproduction
- Basic population dynamics
- Harvest management
- Threatened and endangered species
- Exotic wildlife
- Succession and wildlife
- Managing wildlife habitat - forest management

Required materials
Requires textbook, see syllabus for details.

General education/Related instruction lists
- Science not Lab