

Bemidji State University

BIOL 3610: Principles of Wildlife Management

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Introduction to the field of wildlife management, including the biological principles important to the understanding of wildlife populations and the management strategies implemented by natural resource managers. Prerequisites: BIOL 1211, BIOL 1212, and BIOL 2610. Might not be offered every year.

B. COURSE EFFECTIVE DATES: 08/02/2010 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Introduction; What is Wildlife Management?
2. Exploitation
3. History of Wildlife Management
4. Extinctions
5. Overabundance
6. Population Ecology
7. Food & Cover
8. Wildlife Diseases
9. History of Predator Control
10. Predators & Predation
11. Hunting Heritage & Ethics
12. Hunting
13. Wildlife & Rangelands
14. Bureau of Land Management
15. Wildlife & Farmlands
16. Forest Management & Wildlife
17. Wildlife in Parks & Refuges
18. Wildlife Ranching
19. Urban Wildlife
20. Nongame & Endangered Wildlife
21. Nongame Laws
22. Wildlife Management on Military Lands
23. Economics of Wildlife
24. Conservation Biology & Wildlife Management
25. Genetic & Ecosystem Diversity
26. Global Climate Change & Wildlife
27. Wildlife as a Public Trust
28. The Future

D. LEARNING OUTCOMES (General)

1. be expected to demonstrate their understanding of the history of wildlife management in the United States
2. be expected to demonstrate their understanding of how different habitats are managed for wildlife species.
3. be expected to demonstrate their understanding of management strategies for both game and nongame species.
4. be expected to demonstrate their ability to synthesize wildlife management principles by researching and presenting a seminar on a management plan for a given species.
5. be expected to demonstrate their ability to synthesize wildlife management principles by participating in classroom discussions.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted