

# Bemidji State University

## BIOL 3630: Conservation Biology

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Principles and theories of conservation biology. Topics include biodiversity, threats to biodiversity, extinctions, management of threatened and endangered species, managing habitats for conservation, and methods to mitigate biodiversity loss. Prerequisites: BIOL 1400 and BIOL 1500, or consent of instructor. Also GEOG 3630.

**B. COURSE EFFECTIVE DATES:** 08/26/1997 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Methods and theory of conservation biology; species diversity, extinction rates, management of endangered species
2. Economics of conservation strategies

### D. LEARNING OUTCOMES (General)

1. Describe biodiversity and determine how it is measured
2. Understand how different factors contribute to the endangerment of species
3. Identify and describe conservation strategies to increase population numbers of threatened and endangered species
4. Synthesize conservation principles by researching and writing on a recovery plan of a given species
5. Synthesize conservation principles by participating in group 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