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 1211 and BIOL 1212, 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