BIOL 4520: Mammalogy

A. COURSE DESCRIPTION
   Credits: 3
   Lecture Hours/Week: 0
   Lab Hours/Week: 0
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None
   Morphology, ecology, behavior, classification, distribution, and evolution of mammals. Lecture and laboratory. Prerequisites: BIOL 1211 and BIOL 1212.

B. COURSE EFFECTIVE DATES: 08/04/2019 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Carnivores
   2. Cetaceans & Rodents
   3. Chiropterans & Primates
   4. Domestication
   5. Environmental Adaptations
   6. Lagomorphs & Ungulates
   7. Lagomorphs
   8. Marsupials & Soricomorphs
   9. Mating & Parental Care
   10. Radio Telemetry
   11. Reproduction & Sexual Selection
   12. Small Mammal Handling
   13. Small Mammal Trapping
   14. Teeth

D. LEARNING OUTCOMES (General)
   1. apply the appropriate technique to properly prepare a study skin.
   2. demonstrate their ability to use a variety of field techniques for studying mammals.
   3. demonstrate their understanding in writing of class characteristics, ordinal characteristics, evolution, behavior, reproduction, and conservation of mammals.
   4. identify (both skins and skulls) and learn the taxonomy of mammals in Minnesota and from other select regions.
   5. demonstrate their understanding of the primary literature by writing a research paper on a given topic in mammalogy using the appropriate scientific style.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None
F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted