Bemidji State University

BIOL 3150: Animal Behavior

A. COURSE DESCRIPTION
   Credits: 3
   Lecture Hours/Week: 0
   Lab Hours/Week: 0
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None
   Introduction to the study of the diversity, physiology, ecological context, and evolutionary development of behavior of invertebrate and vertebrate animals. Prerequisite: BIOL 1400 and BIOL 1500, or PSY 1100.

B. COURSE EFFECTIVE DATES: 09/03/2002 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Intro, History
   2. Proximate/Ultimate theory
   3. Genetics, selective breeding
   4. Evolution
   5. Nervous system
   6. Circadian rhythms
   7. Reproductive behavior
   8. Mating and mate selection
   9. Parental care
   10. Development
   11. Foraging
   12. Social behavior
   13. Predator-prey interactions
   14. Migration and orientation
   15. Learning and cognition

D. LEARNING OUTCOMES (General)
   1. learn how to identify proximate and ultimate causation.
   2. understand selection pressures as identified as genetic or environmental.
   3. have a better understanding of evolution as it pertains to behavior.
   4. have a better understanding of the behavioral aspect of hormones, circadian rhythms, mate selection, reproductive strategies, etc.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus
G. SPECIAL INFORMATION

None noted