BIOL 4899: Fisheries Research II

A. COURSE DESCRIPTION
   Credits: 2
   Lecture Hours/Week: *.*
   Lab Hours/Week: *.*
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   This course is a continuation of BIOL 4898. It is designed to give students experience analyzing data, drawing conclusions, completing and preparing a research manuscript for publication, and developing an oral presentation for a professional meeting. Prerequisites: BIOL 4898, Completion of the Area II required writing course for the B.S. or B.A. Biology major, junior status and consent of instructor.

B. COURSE EFFECTIVE DATES: 08/22/2016 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Creating figures for a manuscript vs a PowerPoint presentation.
   2. How to analyze data.
   3. How to create a good PowerPoint presentation.
   4. How to create a poster for a professional meeting.
   5. How to write a manuscript.
   6. Publication process.
   7. Study design.

D. LEARNING OUTCOMES (General)
   1. Learn how to analyze data.
   2. Learn how to draw conclusions from data they collected.
   3. Learn how to present their findings to their peers in the form of an oral presentation.
   4. Learn how to prepare a manuscript for publication.

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

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted