

Bemidji State University

BIOL 4898: Fisheries Research I

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Independent field projects based on the background and interests of the students and the instructor. Designed to give students experience developing original research objectives, designing methods, collecting data, and writing a research manuscript that conveys that research to their peers. Prerequisites: 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 develop sound scientific research objective in the field of fisheries.
2. . learn how to develop methods that are capable of testing objectives.
3. . learn how to collect quality data in order to test objectives.
4. . gain experience writing scientific manuscripts.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted