ESCI 489: Senior Research in Environmental Science

A. Course Description

Credits: 

Prerequisites: MATH 115 College Algebra AND
PHYS 110 Introduction to Physics

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

This course provides students with laboratory or field research experience under the supervision of a resident science faculty member. Students must complete a research proposal and it must be approved by the instructor before registering for the course. Prior successful completion of an upper division course with the instructor is generally required. Intended for Environmental Science majors in their senior year. ** Note: this is a variable credit course with credit range of 1 - 5.

B. Course Effective Dates: 08/22/2015 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Design, propose, conduct, interpret, and present the results of an independent laboratory or field experiment in biology at the senior undergraduate level.
2. Find, read, interpret and utilize primary scientific literature in biology
3. Apply this experience with research methods in biology the level necessary for success in graduate or professional research.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

Note: Instructor's permission required.