COMMON COURSE OUTLINE: Course discipline/number/title: BIOL 1400: Environmental Science Internship

A. CATALOG DESCRIPTION
1. Credits: 2
2. Hours/Week: First 8 weeks of internship course, weekly meetings arranged with instructor; second 8 weeks of internship course, student must fulfill at least 8 hrs./week for internship position.
3. Prerequisites (Course discipline/number): Environmental Science major or Permission by Instructor
4. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): NA

This course will provide exposure to environmental science fields, as well as the development of an internship experience. Classroom discussion and readings will enrich students’ understanding of this broad field to prepare them for direct experience through an internship, which will be developed and carried out during the course.

B. DATE LAST REVISED (Month, year): February, 2014

C. OUTLINE OF MAJOR CONTENT AREAS:
1. Student-directed internship/research project
   a) Students will select and develop an internship/research project
   b) Discussion and feedback of project ideas
   c) Report on internship experience and results
2. Discussion of important issues in environmental science
   a) Background exposure to and discussion of relevant issues and potential solutions

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Describe the foundations and important issues in environmental science.
2. Develop, discuss, and carry out internship/research project.
3. Complete routine reports and updates, with supervisor participation, for the project experience.
4. Prepare project report and have the option to present results at symposium.

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:
Methods may include any of the following:
1. In-class assignments and discussion
2. Internship/Project development
3. Presentations
4. Reports and updates on internship experience, including supervisor’s participation and verification.
5. Completion of project report
6. Participation in Environmental Science Symposium (optional)

G. RCTC CORE OUTCOME(S) ADDRESSED:
- Communication
- Critical Thinking
- Global Awareness/Diversity
- Civic Responsibility
- Personal/Professional Accountability
- Aesthetic Response

H. SPECIAL INFORMATION (if any):
The internship supervisor will provide information about the general safety hazards and safety equipment the student may experience during the internship. Hazardous characteristics. Of any materials used during the internship will be described and available to the student. In addition, if the internship were to involve any potentially infectious material, the student will be instructed on the proper use and disposal. The internship supervisor will direct all students to wear necessary protective equipment while working with any hazardous chemicals. The student may request a copy of Material Safety Data Sheets for chemicals used from the internship supervisor.