

Southeast Missouri State University

Department of: Environmental Science Program

Course Number: EV490-492

Course Title: Undergraduate Research

New: Spring 2000

I. Catalog Description and Credit Hours of Course:

Original individual research on an environmental science problem of interest to the student. May be repeated for credit. Students are limited to a total of 6 credit hours of research during their program. (1-3)

II. Prerequisites:

EV201; consent of the instructor and permission of program director.

III. Purposes or Objectives of Course:

To provide students with experience applying scientific investigative techniques towards research in the environmental sciences, including experimental design, collection of data, evaluation of and presentation of results.

IV. Expectations of Students:

The student is expected to choose an Environmental Science Program faculty member with whom he/she would like to work, presumably based on an area of mutual interest to both the student and the research faculty. The student is expected to plan the proposed research project and the time-frame for the project in consultation with the faculty member. A suitable time to work on the research project each week is to be arranged and followed by the student. Typically, one credit hour of course work is earned for every three to four hours a week spent on the research project during a semester. The student is expected to meet regularly with the research faculty for consultation and evaluation of the project. The results of the research project should be presented in a written report and in an oral presentation.

V. Course Content

There is no specific course content. Course content is determined by the nature of the individual research project.

VI. Textbook and Other Material:

No textbook is required, but readings in support of the project from relevant journals may be assigned.

VII. Basis for Student Evaluation:

To be determined by the supervising research faculty, but will be based in part on the quality of the final report and oral presentation.

VII. Instructors:

Instructors will be drawn from the Environmental Science program faculty.

VIII. Programs Served by the Course

B.S. in Environmental Science