

## Interdisciplinary Minor in Environmental Studies

### Purpose:

To offer a program of courses that complements other programs while enhancing the student's understanding of the components of the environment and people's interaction with them. An interdisciplinary minor in environmental studies will round out a student's academic preparation in many different academic areas. Since there is currently no major in environmental studies at IU East the minor provides students who plan employment or further study in this area an opportunity to show a coordinated program of study of the subject.

### Objectives:

First, to enhance the students understanding of the major environmental concepts and interactions in the biosphere. Second, to acquaint the student with areas where environmental issues relate to multiple disciplines. Third, to increase the students awareness of the ways that people affect the environment.

### Prerequisites:

The Interdisciplinary Minor in Environmental Studies is open to all students in all academic programs accommodating a minor. There are no prerequisites for the minor itself, although some required courses have prerequisites.

### Requirements:

Students must complete 18 credit hours, including courses from at least one School other than NSM. At least 6 credit hours must be at the 200 level or higher. All courses for the minor must be completed with a grade "C" or better. At least 8 hours of the minor must be completed at IU East.

### Science Core Courses:

BIOL L108 Environment and Life (3 cr.) OR BIOL L333 Intro to Environmental Science (3 cr.)  
BIOL L325 Ecological Principles(4 cr.)  
One college-level course in geology  
One college-level course in chemistry  
(either chemistry or geology must include lab)

Choose courses from the following list to bring the total to 18 credit hours,

ECON E103 Microeconomics (3 cr.)  
GEOG G110 Introduction to Human Geography (3 cr.)  
GEOG G306 The Geography of Current Issues\* (3 cr.)  
GEOL G111 Physical Geology (If not taken above) (3 cr.)  
GEOL G112 Historical Geology (3 cr.)  
GEOL G210 Oceanography (If not taken above) (3 cr.)  
CHEM C303 Environmental Chemistry (3 cr.)  
CHEM C333 Experimental Environmental Chemistry (2cr.)  
POLs Y200 Contemporary Political Topics \* (3 cr.)  
SPEA V262 Environment: Problems and Prospects (3 cr.)

*\*When the topic is environmental. Advisor approval required.*

**Recommended:** a course in statistics and a course in calculus as well as additional chemistry.

Administration: Students will submit a declaration of minor form and select an advisor from the full-time science faculty to assist them in planning and executing the minor. This advisor will see that the student has an advising file in the department records and place the minor declaration form in the student's file. Students planning to take all of their electives in a non-science area may also wish to have a co-advisor in that division.

Assessment/Evaluation: Students will be assessed or evaluated in the Interdisciplinary Minor in Environmental Science program for their knowledge, quantitative abilities, scientific writing and communication skills based on course grades and course assignments, and successful completion of all required and elective courses with a grade of "C" or better. Students are encouraged to voluntarily maintain a portfolio of graded term papers, projects, or laboratory journals from their core and elective courses in the minor for their own personal and professional use. Students are also encouraged to voluntarily maintain records of evidence of any research or presentations relevant to their work in chemistry while completing the minor for their own personal or professional use.