

Northwest Arkansas Community College
Division of Science and Mathematics

Discipline Code

ENSC

Course Number

2453

Course Title

Internship in Environmental Sciences

Catalog Description

Supervised practical work experience in an industrial facility, county or state government agency, or private business involving environmental analysis utilizing current management techniques. Required responsibilities and reports will be determined by the NWACC instructor, cooperating business or government agency, with input and agreement from the student and overall approval by the Program Director.

Prerequisites

Environmental Biology (BOTY 2534) or Environmental Science (ENSC 1003), and Environmental Management with Lab (ENSC 2003 & ENSC 2001L) or Environmental Special Problems (ENSC 2913) with grades of C or better, or consent of the instructor.

Credit hours

3

Contact hours

112.5 on the job training hours

Load hours

3

Target Audience/Transferability

Successful completion of this course should prepare students for successful further study in environmental and regulatory science. This is a required course for the Environmental & Regulatory Science AAS Degree. ENSC 2913 will transfer to the University of Arkansas at Fayetteville in Environmental, Soil, and Water Science as elective credit. Transferability should be confirmed with any other receiving institutions.

Required Material

Selected materials from various texts and journals.

Student Learning Outcomes

Students completing this course will be able to:

- Apply academic knowledge in a professional setting
- Develop professionally relevant competencies and relationships in a professional setting.
- Gain exposure to a professional field and an understanding of professional etiquette
- Observe and begin to understand a professional organizational culture

Topics

- Environmental Analysis at the local, county, state, and federal levels of government
- Evaluation and Research in the environmental field
- Project and Program Management in environmental related fields
- Communications and Dissemination

Participating Organizations

- ADEQ Arkansas Department of Environmental Quality
- OSHA Occupational Safety and Health Administration
- Corp of Engineers
- Benton County Planning Offices
- City of Fayetteville
- Botanical Gardens of the Ozarks
- Bentonville City Schools
- Illinois River Watershed Partnership
- Bentonville Wastewater Facility

Forms of Assessment

Variable methods, which include but are not limited to written and oral presentations utilizing project-based learning methodology including journals, logs, etc.