NorthWest Arkansas Community College
Division of Science & Mathematics

ENSC 2913 Environmental Special Problems

Catalog Description: Work on special projects and problems in environmental science or related fields. GPS skills included. This course may be repeated for up to three hours of environmental science credit. Students must register with a supervising faculty member. Study/research/problem solving under direct supervision of a faculty member.

Prerequisite: Environmental Biology (BOTY 2534) or Environmental Science (ENSC 1003) or Environmental Management (ENSC 2003)

Credit hours/ Contact hours/Load hours: 3/45/3

Target Audience & Transfer: 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. ENSC 2913 will also transfer to Missouri Southern State University and Northeastern Oklahoma State University at Tahlequah, Oklahoma.

Required Material: Selected materials from various texts and journals.

Student Learning Outcomes: Students completing this course will be able to

- Develop and complete a project in an Environmental and Regulatory Science area of interest not served by a traditional course.
- Complete a Project Log for the special problem project developed.
- Develop relationships with local environmental professionals and local environmental citizen groups that will provide a valuable educational experience.
- Describe local restoration projects and the unforeseen problems that may result from season to season as they are managed.

Topics:

- Whitetail Management
- Turkey Management
- Wildlife Plots
- Soil Conservation Managements
- Prescribed Burning
- Surface and Groundwater Analysis
- Cave and Spring Water Analysis
- Aquatic Invertebrate Survey

Forms of Assessment: None