EVR: Environmental Studies Courses

Courses

EVR 2001 Introduction to Environmental Science
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)

Study of interrelationships between human activity and the natural systems in our environment. Interdisciplinary approach to the study of natural processes and how they affect and are affected by human activity. Particular emphasis will be given to examination of the ways in which science offers solutions to the pressure human activity places on natural resources. Credit may not be received in both EVR2001 and GEO2330. Meets General Education requirement in Natural Sciences.

EVR 2920 Foundations in Environmental Science
College of Sci and Engineering, Department of Earth & Environmental Sciences

1 sh (may not be repeated for credit)

A professional development course for students in Earth and Environmental Sciences Department. This course is designed to introduce students to the necessary skills for upper division courses, introduce community engagement opportunities, introduce undergraduate research opportunities and lead students toward an appropriate capstone experience.

EVR 3894 Environmental Writing
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)
Prerequisite: ENC 1101 AND ENC 1102

This course will cover important and substantive issues, concepts, and tools on writing in the environmental sciences. The course will provide tools for how you can convey environmental concepts to a wider audience and assist you with strategies to be a more productive and coherent writer. Meets Gordon Rule Writing Requirement.

EVR 3905 Directed Study
College of Sci and Engineering, Department of Earth & Environmental Sciences

1-12 sh (may be repeated indefinitely for credit)

EVR 4023 Coastal and Marine Environments
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)
Prerequisite: GEO 1200/L OR GEO 1200C OR GLY 2010/L OR GLY 2010C OR ESC 2000/L OR ESC 2000C

The world's ocean and its marine environments such as beaches, estuaries, coral reefs, upwelling areas, and hydrothermal vents. The physical, chemical, and biological components make each environment unique. This course is designed to explore case studies of the environmental impact of anthropogenic and natural phenomena based on readings of scientific papers. Offered concurrently with EVR 5071; graduate students will be assigned additional work.

EVR 4035 Environmental Law
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)

Overview of current local, state and federal laws relating to the environment. Includes the legal history of current laws and case studies.

EVR 4039 Community Engagement through Environmental Science
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)
Prerequisite: EVR 2920

This course is designed as a Carnegie Service Learning Designation course. Students will bring into practice the theories and ideas they have acquired through previous course lectures and assignments to collaborate with a community partner on a project designed to address a particular community issue. This semester project has two main outcomes: to help the community partner further their mission and to give hands on experience for students in a local environmental organization or agency. The completion of this co-created project will allow students to reflect on the connections between their course lessons, real-world experience, and community needs.

EVR 4412 Environmental Aspects of Urban Growth
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)

The purpose is to examine urban areas as they have sprawled out over green landscapes during the past century and left behind a legacy of environmentally distressed properties and broken communities. Emphasis is upon community-based action to deal with local situations, using as a base the experiences of communities throughout the United States. Offered concurrently with EVR 5413; graduate students will be assigned additional work. Senior standing is required.

EVR 4823 Environmental Impact Assessment
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)

Environmental Impact Assessment (EIA) is a process to assure disclosure of environmental consequences before human actions are taken. This course introduces students to the legal, scientific, and administrative considerations and procedures that define the EIA process in completing an Environmental Impact Statement (EIS). The course focuses on the concept of environmental impact and the techniques and responsibilities as set forth in the National Environmental Policy Act of 1970 as amended. Offered concurrently with EVR 5824; graduate students will be assigned additional work.

EVR 4870 Urban Planning
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)

This course will cover important substantive areas, concepts, and tools in the field of urban planning. It will provide insight into the many actors (e.g., individuals, organizations, agencies, and levels of government) involved in planning and how planning pervades a multitude of segments in our daily lives. At the end of the course, you will have a better understanding of how the field of planning has evolved, the topics that urban planners study, and the type of work urban planning practitioners engage in. Offered concurrently with EVR 5435. Graduate students will be assigned additional work.

EVR 4905 Directed Study
College of Sci and Engineering, Department of Earth & Environmental Sciences

1-12 sh (may be repeated indefinitely for credit)

EVR 4941 Internship in Environmental Sciences
College of Sci and Engineering, Department of Earth & Environmental Sciences

1-3 sh (may be repeated for up to 3 sh of credit)
Prerequisite: EVR 2920

Supervised field experience in business, government, non-profit, educational or other environmental organization. Offered concurrently with EVR 5332; graduate students will be assigned additional work. Permission is required.

EVR 4949 Co-Op Work Experience
College of Sci and Engineering, Department of Earth & Environmental Sciences

1 sh (may be repeated for up to 4 sh of credit)

EVR 4970 Research in Earth and Environmental Sciences
College of Sci and Engineering, Department of Earth & Environmental Sciences

1-3 sh (may be repeated for up to 9 sh of credit)
Prerequisite: EVR 2920

Students will propose, design, and perform a research project in consultation with a UWF professor, who will serve as research supervisor. Research will be summarized and presented within the department and University. Permission is required.

EVR 5071 Coastal and Marine Environments
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)

This course will investigate the world's ocean and its marine environments such as beaches, estuaries, coral reefs, upwelling areas, and hydrothermal vents. The physical, chemical, and biologic components that make each environment unique. Case studies of the environmental impact of anthropogenic and natural phenomena based on readings of scientific papers. This course is built on basic concepts established in introductory Earth Science courses, so graduate students should be familiar with those concepts. Please consult with the course instructor for any questions regarding these prerequisite concepts. Cross listed with EVR 4023; Graduate students will be assigned additional work.

EVR 5332 Practicum in Environmental Studies
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may be repeated for up to 6 sh of credit)

Supervised field experience in business, government, nonprofit, educational or other environmental organizations. Offered Summer term only. Offered concurrently with EVR 4941; graduate students will be assigned additional work. Permission is required.

EVR 5413 Environmental Aspects of Urban Growth
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)

The purpose is to examine urban areas as they have sprawled out over green landscapes during the past century and left behind a legacy of environmentally distressed properties and broken communities. Emphasis is upon community-based action to deal with local situations, using as a base the experiences of communities throughout the United States. Offered concurrently with EVR 4412; graduate students will be assigned additional work. Graduate status is required.

EVR 5435 Urban Planning
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may not be repeated for credit)

This course will cover important substantive areas, concepts, and tools in the field of urban planning. It will provide insight into the many actors (e.g., individuals, organizations, agencies, and levels of government) involved in planning and how planning pervades a multitude of segments in our daily lives. At the end of the course, you will have a better understanding of how the field of planning has evolved, the topics that urban planners study, and the type of work urban planning practitioners engage in. Offered concurrently with EVR 4870. Graduate students will be assigned additional work.

EVR 6905 Directed Study
College of Sci and Engineering, Department of Earth & Environmental Sciences

1-12 sh (may be repeated indefinitely for credit)

EVR 6930 Special Topics in Environmental Sciences
College of Sci and Engineering, Department of Earth & Environmental Sciences

3 sh (may be repeated for up to 9 sh of credit)

Covers various advanced subjects in the environmental sciences, depending on the specialization of the instructor. Topics include environmental pedagogy, coastal meteorology, groundwater modeling, etc. Graduate-level standing is required.