EVR: Environmental Studies Courses

Courses

EVR 2001 Introduction to Environmental Science
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
1 sh (may not be repeated for credit)
Prerequisite: ESC 2000*/L* OR GLY 2010*/L*
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
3 sh (may not be repeated for credit)
Prerequisite: ENC 1101 AND ENC 1102
Practice in the scientific methods, research approaches, reference styles, grantsmanship, and technical writing in the environmental sciences. Meets Gordon Rule Writing Requirement.

EVR 3905 Directed Study
1-12 sh (may be repeated indefinitely for credit)
Prerequisite: GEO 1200/L OR GLY 2100/L

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EVR 4023 Coastal and Marine Environments
3 sh (may not be repeated for credit)
Prerequisite: GEO 1200/L OR GLY 2100/L
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. Offered concurrently with EVR5071; graduate students will be assigned additional work.

EVR 4035 Environmental Law
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
3 sh (may not be repeated for credit)
Prerequisite: EVR 4039
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 4050 Environmental Field Research
3 sh (may be repeated for up to 6 sh of credit)
Prerequisite: GEO 1200/L OR GLY 2100/L; Completion of 75 hours of college course work is required prior to taking this course.
Environmental and geographic sciences field study. Students work with scientists collecting discrete samples and conducting field surveys, use GIS / MIS technology, and analyze results. Fieldwork will be coordinated with non-university research agencies. Permission is required. Offered concurrently with EVR 5061; graduate students will be assigned additional work.

EVR 4050 Environmental Field Research
3 sh (may be repeated for up to 6 sh of credit)
Prerequisite: GEO 1200/L OR GLY 2100/L; Completion of 75 hours of college course work is required prior to taking this course.

EVR 4412 Environmental Aspects of Urban Growth
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 4412 Environmental Aspects of Urban Growth
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
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  
3 sh (may not be repeated for credit)  
Prerequisite: GEO 3372 OR EVR 4035  
This course examines the interactions between physical and human landscapes that have produced a "third dimension" of geography: the legal landscape. We will analyze the role of law and land-use management (i.e., planning) techniques as major factors in determining how humans use resources and design our patterns of settlement. The course reviews the evolution of public control over land use in the U.S., from its roots in English common law and feudal land organization strategies, through the institution of urban planning and zoning, to contemporary and innovative land use controls available to today's urban planners and land-use managers. Whenever possible, current land-use issues from the Pensacola region are incorporated in class discussion. Students are exposed to a number of critical U.S. Supreme Court opinions on major land-use cases. The primary learning objective of the course is to provide students with a comprehensive "bread and butter" background in the history and techniques of urban planning. The subjectivity of many topics from the course is conducive to lively classroom discussion and (friendly) academic debate.

EVR 4905  Directed Study  
1-12 sh (may be repeated indefinitely for credit)  
EVR 4941  Practicum in Environmental Studies  
3 sh (may not be repeated for 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  
1 sh (may be repeated for up to 4 sh of credit)  
EVR 4970  Research in Earth and Environmental Sciences  
1-3 sh (may be repeated for up to 9 sh of credit)  
Prerequisite: EVR 2970  
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  
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  
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  
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  
3 sh (may not be repeated for credit)  
This course will be dual-listed with EVR 4870 (Urban Planning). The course reviews the evolution of public control and over land use as well as planning techniques in the U.S. Students are assigned several critical U.S. Supreme Court opinions on major land-use cases. The primary learning objective of the course is to provide students with a comprehensive "bread and butter" background in the history and techniques of urban planning. Graduate students will be assigned extra work and will be graded using a rubric that reflects the higher performance standards to which graduate students will be held.

EVR 5824  Environmental Impact Assessment  
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 4823; graduate students will be assigned additional work.

EVR 6905  Directed Study  
1-12 sh (may be repeated indefinitely for credit)  
EVR 6930  Special Topics in 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.

* This course may be taken prior to or during the same term.