

OSU Courses with Human Dimensions of Environment (HDE) Related Content

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- Agricultural, Environmental & Developmental Economics (AEDE)

2500 Introduction to Environment, Economy, Development and Sustainability U 3

Introduces students to principles from various disciplines related to social, economic and environmental sustainability. Students will evaluate key concepts and examine tradeoffs that are a part of sustainability action using case studies representing diverse perspectives. Cross-listed in ENR.

4310 Environmental and Natural Resources Economics U 3

Economic analysis of the use and management of natural resources and of environmental policy. Prereq: 2001 (200) or Econ 2001 (200). Not open to students with credit for 531, ENR 4310 or 531.

4320 Energy, the Environment, and the Economy U 3

Examines the economics of implications of climate change and climate change policies for society including discussion of major state, federal, and international legislation. Prereq: 2001 (200) or Econ 2001 (200). Not open to students with credit for 565 or IntStds 4320 (565). Cross-listed in IntStds.

4532 Food Security and Globalization U 3

Examination of the causes of and solutions for food insecurity. Global and local factors that affect access to food are also considered. Prereq: 2001 (200) or Econ 2001 (200), or permission of instructor. Not open to students with credit for 434 or 532, or IntStds 4532 or 434. Cross-listed in IntStds.

4567 Assessing Sustainability: Project Experience U 3

Students gain experience in sustainability assessment by applying concepts and quantitative methods to evaluate environmental, economic, social & technical sustainability of specific projects. EEDS major capstone. Co-taught by ENR/AEDEcon/FABEng faculty. Prereq: 4330, or permission of instructor. Not open to students with credit for ENR 4567 or FABEng 4567. Cross-listed in ENR and FABEng.

4597.01 Problems and Policies in World Population, Food, and Environment U 3

Problems related to world-wide population increases, food production, and associated environmental stress; policy options for lessening these problems, especially in low-income countries. Prereq: Jr or Sr standing. Not open to students with credit for 597.01 or IntStds 597.01 (597.01). Cross-listed in IntStds.

5330 Benefit-Cost Analysis 3

Benefit-cost analysis theory and methods and their application to projects pertaining to public infrastructure, agriculture, the environment, natural resources, and human health. Prereq: 4310 (531) or 4001 (500), or Econ 4001 (501). Not open to students with credit for 631.

- City & Regional Planning (CRP)

2200 Sustainable Infrastructure Planning U 3

Beneath the streets is a whole system of infrastructure that requires sustainable planning.

4597 The Global Environment in Planning U 3

A review of challenges in developed and developing countries, examining planning issues associated with economic development, social equity, growth and rural development. Prereq: Not open to students with credit for 597. GE contemporary world course.

5500 Energy Planning U 3

Energy makes cities run, from renewable and non-renewable sources. Energy is a driving opportunity and constraint in urban development. Prereq: Grad standing, or 3000. Not open to students with credit for 720.

- Communication (COMM)

4240 Science Communication U 3

Explores the structure, meanings and implications of "science communication" with an emphasis on how values, attitudes, social structure, and communication affect public perceptions of science and technology. Prereq: Not open to students with credit for 3240H (640H) or 640.

- Environment & Natural Resources (ENR)

2100 Introduction to Environmental Science U 3

Introduction to environmental science, the ecological foundation of Introduction to environmental science, the ecological foundation of environmental systems, the ecological impacts of environmental degradation by humans, and strategies for sustainable management of environment and natural resources. Au, Sp Sems. Prereq: Not open to students with credit for 201. GE nat sci bio course.

2300 Society and Natural Resources U 3

Introduction to interactions between humans, natural resources, and ecosystems from a social science perspective. Au, Sp, Su Sems. Prereq: Not open to students with credit for 203. GE soc sci human, nat, and econ resources course.

2367 Communicating Environmental and Natural Resources Information U 3

Concepts, skills development, and practice in accessing and communicating information about the environment and natural resources to varied audiences; emphasis on written and oral communication. Prereq: English 1110 (110) or 111. Not open to students with credit for 367 or LARCH 367. GE writing and comm: level 2 and cultures and ideas course.

3400 Psychology of Environmental Problems U 3

The theory and psychology behind individual and group behavior as it relates to environmental problems. Au Sem. Prereq: 2300 (203) or Psych 1100 (100). Not open to students with credit for 615.

3611 Foundations for Environmental Communications, Education and Interpretation U 2

Foundational course that prepares students for understanding the theoretical bases that relate to and differentiate between environmental communications, education, and interpretation. Course includes required field trips. Au Sem. Prereq: Not open to students with credit for 311.

5600 Sustainable Agriculture and Food Systems 3

Integrative look at the social, economic, and production/environmental dimensions of sustainable agriculture and food systems. Particular attention to sociological, soil science and related disciplinary perspectives. Prereq: 3000 (300.01) and 3500, or grad standing.

7380 Climate and Society G 3

Examines links between climatic changes and human societies and examines social influences on our current state of knowledge, impacts, and potential responses. Au Sem. Prereq: Grad standing, or permission of instructor. Not open to students with credit for 738.

8400 Human Dimensions of Ecosystems Management G 2

Provides an overview of interdisciplinary theories and frameworks for understanding and addressing environmental problems and natural resources management issues. Au Sem. Prereq: Grad standing. Not open to students with credit for 840.

- Geography (GEOG)

2100 Human Geography U 3

Introduces key concepts in human geography: interconnections between people and places; the role of space and place in political, cultural, economic, and social interactions. Prereq: Not open to students with credit for 205. GE soc sci indivs and groups course.

2800 Physical Geography and Environmental Issues U 3

Introductory physical geography from an environmental perspective, including the interaction of physical and social factors in the causes of and strategies for ameliorating environmental problems. Prereq: Not open to students with credit for 120H, 210, 1900 (120) or 2960 (220). GE nat sci phys course.

3597.03 Environmental Citizenship U 3

Provides tools for environmental citizenship by teaching interdisciplinary perspectives on biophysical and sociocultural forces that shape environments. Addresses general processes through local case studies. Prereq: Not open to students with credit for 597.03 or English 3597.03 (597.03). GE contemporary world course. Cross-listed in English.

3800 Geographical Perspectives on Environment and Society U 3

Geographical understanding of interactions between society and environment; how historical and contemporary views of the environment influence people's actions toward the environment and other people. Prereq: Not open to students with credit for 430. GE soc sci human, nat, and econ resources course.

3901H Global Climate and Environmental Change U 3

Examines both natural and social factors that force changes in our climate and environment and explores strategies for a sustainable environment in the future. Prereq: Honors standing, or permission of instructor. Not open to students with credit for 3900 (420) or 410H. GE nat sci phys and soc sci human, nat, and econ resources course.

5801 Environmental Conservation 3

Conservation of nature; nature-society theory; conflicts around environmental change and contemporary conservation programs and strategies. Prereq: Not open to students with credit for 630.

- Psychology (PSYCH)

4508 Psychology of Judgment and Decision - Making U 3

An overview of current models and empirical research on cognitive processes in human decision-making and judgment under risk or uncertainty. Prereq: 2220 (220) or 2220H (220H), or permission of instructor. Not open to students with credit for 508 or 508H.

- Public Affairs (PUBAFRS)

2120 Public Service and Civic Engagement U 3

Explores how students learn to be engaged citizens, concepts related to citizenship and leadership, and how to incorporate these concepts into their lives and the lives of others with whom they interact. Prereq: Not open to students with credit for 240.

3000 Public Policy Analysis U 3

Introduction to analytical techniques employed at policy formulation, implementation, and evaluation stages of public policy analysis process; strengths and weaknesses of techniques; development of related research strategies. Prereq: Not open to students with credit for 522.

- Public Health: Environmental Health (PUBHEHS)

3310 Current Issues in Global Environmental Health U 3

Fundamental concepts and principles of environmental health are presented through a critical review and discussion of current issues in global environmental health.

7340 Environmental Law and Policy for Public Health G 3

Basic concepts of environmental law and policy relevant to public health practice. Prereq: Not open to students with credit for 736.

- Sociology (SOC)

3460 Environmental Justice U 3

Examines environmental issues from a sociological perspective, especially human causes of environmental change such as technology, population, and consumption, and social reactions. Prereq: Not open to students with credit for 460. GE soc sci human, nat, and econ resources course.