



OSU Courses with Human Dimensions of Environment (HDE) Related Content Spring Listing 2014

To add courses to this listing, e-mail course details to: hde@osu.edu

- **Agricultural, Environmental & Developmental Economics (AEDE)**

- **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.

- **4330 The Sustainable Economy: Concepts and Methods U 3**

- Introduces students to core concepts of sustainability in economics and the quantitative methods necessary to understand and evaluate sustainable development. Prereq: 4310.

- **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.

- **6300 Environmental and Resource Economics G 3**

- Application of economic theory and methods to current problems in environmental and resource economics. Prereq: 4001 (500) or Econ 4001 (501). Not open to students with credit for 831.

- **City & Regional Planning (CRP)**

- **2210 Sustainable Urbanism U 3**

- Globalization is changing cities, economies, social networks, and the environment. Technological innovation, entrepreneurship, and policy making guides the future of sustainable cities. Prereq: Not open to students with credit for 2210E

- **3000 Planning Resilient Environments U 3**

- Environmental resilience requires a comprehensive planning approach. Through planning techniques and practices, identify practical applications for creating resilient environments. Prereq: Math 1118 (117) or 1152 (152), or permission of instructor. Not open to students with credit for 745 or 722

- **3400 Planning for Sustainable Economic Development U 3**

- Understand the intersection of economics, the environment, and development in order to use planning tools to promote sustainable economic development. Prereq: Econ 2001.01, 2001.02 (200), or 2001.03H.

- **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.

- **2155 Energy and Environment U 3**

- This course introduces and examines the fundamentals of energy sources, energy use, energy efficiency, and resulting environmental implications of the various energy supplies. Sp Sem. Prereq: Not open to students with credit for 155 or EarthSc 2155 (EarthSci 155). GE nat sci phys course. Cross-listed in EarthSc.

- **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.

- **3470 Religion and Environmental Values in America U 3**

- Examines development & influence of religious environmental values & their impact on environmental citizenship in America; Jewish, Muslim, Buddhist & Christian environmental perspectives; stewardship, eco-justice & creation spirituality. Sp Sem. Prereq: Not open to students with credit for 347. GE cultures and ideas course.

- **3500 Community, Environment and Development U 3**

- Social change related to natural resource and environmental issues. Includes a focus on community-level initiatives, environmental social movements, and issues of environmental justice. Sp Sem. Prereq: 2300 (203).

- **3530 Women, Environment and Development 3 U**

- Interdisciplinary study of women's roles as environmental stewards and in resource-based development in global context. Attention given to gender differences in environmental and rural development practices. Cross-listed in WGSSt.

- **4000 Environmental and Natural Resources Policy U 3**

- Conceptual and historic development, implementation, and evaluation of environmental and natural resource policy. Au, Sp Sems. Prereq: 2100 (201) and 2300 (203). Not open to students with credit for 400. GE soc sci orgs and politics course.

- **5211 International Environmental Impact Assessment U 3**

- Fundamental concepts of international environmental impact assessment including the legal and institutional frameworks, practice and performance, and social and cultural contexts that shape EIA's implementation worldwide. Sp Sem. Prereq: Jr, Sr, or Grad standing, or permission of instructor. Not open to students with credit for 602.

- **5451 Water Law U 3**

- Review and advanced analysis of Ohio, interstate, and federal institutions and policies which influence the use and management of water resources. Sp Sem. Prereq: 4000 (400), or Sr standing or Grad standing, or permission of instructor. Not open to students with credit for 651.

- **5649 Wildlife Conservation Policy U 3**

- Overview of fish and wildlife policy in the US and key issues affecting wildlife conservation in North America. Sp Sem. Prereq: 4000 (400), or Grad standing. Not open to students with credit for 649.

- **7400 Communicating Environmental Risk G 2**

- Introduction to the design and implementation of public-focused risk communication as it relates to environmental, agricultural and public health contexts. Sp Sem. Prereq: Grad standing, or permission of instructor.

- **8150 Advanced Environment, Risk and Decision Making G 3**

- Theory of individual and participatory risk-based decision making and applications to improve decision making in environmental and other risk-based management contexts. Sp Sem. Prereq: Grad standing, or permission of instructor. Not open to students with credit for 815.

- **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.

- **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.

- **5802 Globalization and Environment U 3**

- Transnational dimensions of changes to the natural environment; ways that global economic activity, international institutions, and global environmentalism contribute to environmental problems and solutions. Prereq: Not open to students with credit for 635.

- **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)**

- **3320 Fundamentals of Environmental Health Risk Assessment U 3**

- The scientific process used by governmental agencies to evaluate public health threats due to environmental contamination. An orientation to the fundamental and applied components of risk assessment including: hazard identification, toxicology/dose-

- **4530 Food Safety and Public Health U 3**

- Principles and practice of food safety; transmission, inactivation and control of foodborne pathogens, hazards, toxins and allergens; risk assessment, sanitation, and pest control in foods. Cross-listed in FdScTe 4530.

- **Rural Sociology (RURLSOC)**

- **7560 Environmental Sociology G 3**

- Sociological approaches to the study of environmental policy. Analysis of major issues relating to the use and abuse of natural resources and pollution. Prereq: Grad standing. Not open to students with credit for 766.

- **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.