

			Planet OHIO UNDERGRADUATE COURSES ON ENVIRONMENT AND SUSTAINABILITY 2010-2011, Athens Campus www.ohio.edu/planetOHIO Fall Courses		
Department	Course #	Credits	Course Title	Description	
Biological Sciences	275	4	Ecology in the 21st Century	Introductory study of the natural environment and relations of organisms to one another and their surroundings. Individual, population, and community and global dynamics are considered in natural and human-influenced environments to improve ecological literacy about how the natural world works. Credit not allowed for both 275 and 375. 4 lec.	
Business Administration	325J	4	Social Responsibility of Business	Considers the role of the business in modern society. A wide range of social and legal issues will be addressed during class discussions and assignments, including: environmental impact, discrimination, consumerism, workplace safety, worker rights, and the impact of globalization. Students are expected to research and write about issues from various sides, analyzing ethical dilemmas and the relative merits of possible solutions.	
Business Law	255	4	Law and Society	Conceptual approach to origin, nature, structure, functions, and procedures of law, with study of ethics and introduction to constitutional, administrative, criminal, tort, contractual, international, and environmental law, as well as business organizations.	
Civil Engineering	454	3	Green Engineering	Identification, classification, and study of methods of characterization, handling, treating, managing, and disposal of solid/hazardous wastes regulated under federal and state guidelines and legislation.	
Plant Biology	103	4	Plants and People	Interrelationships of plants and humans from both historical and modern points of view, origins of agriculture and civilization, tropical and temperate food plants, medicinal plants, drug plants, destruction of environment, and its ultimate effect on food plants.	
Plant Biology	248	4	Trees and Shrubs	Identification, nomenclature, classification, ecological relationships, and importance to humans of native and introduced woody plants.	
Plant Biology	322	4	Tropical Plant Ecology	Tropical rain forest studies around the world, including basic plant ecology, conservation, and management.	
Geography	101	5	Physical Geography	Systematic survey of temperature, precipitation, atmospheric and oceanic circulation, and global systems of climate, soils, natural vegetation, and landforms. 4 lec	
Geography	121	4	Human Geography	Examination of spatial dimensions of culture, emphasizing patterns of selected cultural elements--language, religion, population, settlement, political and economic landscapes, and human/environment interactions.	
Geography	201	4	Environmental Geography	Geographic survey of environmental changes caused by human activities. Focus on resource availability and use, pollution of air, water, and biosphere, energy problems, interactions of humans with plant and animal communities	
Geography	353	4	Environmental Planning	An introduction to the development, implementation, and operation of activities to guide landscape development. Emphasis on interaction between natural and social systems, methods of environmental analysis, and the evolution of environmental planning strategies.	
Geography	357	4	Environmental Law	Legal aspects of both individual environmental and societal environmental rights and duties with respect to constitution, private property, nuisance, negligence, statutes, regulatory agencies, and court decisions. Emphasis on case study of federal, state, and local laws that shaped existing law and those that are likely to shape future legislative and administrative action.	
Geography	440	4	Environmental Impact Analysis	Introduction to analytic techniques, legal responsibilities, and administrative procedures in evaluating environmental impacts of land use change. Practice in production of environmental impact statements and in documenting scientific research	

Geology	231	4	Water and Pollution	The interrelationship between geologic and hydrologic principles and technology as they relate to the use of water resources and the environmental problems associated with its pollution.
Health Sciences- Environmental Health	260	4	Introduction to Environmental Health	Survey of technical and administrative procedures needed to control the environment, especially as they relate to health effects encountered in daily activities. Emphasis on general ecological environmental protection and environmental degradation, along with safety concepts, practices, and procedures.
Health Sciences- Environmental Health	275	4	Environmental and Occupational Safety Regulations	Overview of the history, development, and current application of major regulations, amendments, and reauthorizations related to the environmental and occupational health and safety regulatory process.
Health Sciences- Environmental Health	320	4	Shelter Environment	Physiological and psychological aspects of exterior and interior environmental concerns. Emphasis on housing standards, building codes, vector control, separate concerns of urban and rural housing, migrant labor housing, mobile home construction, and mobile home park design.
History	333	4	Oil and World Power	Examines the international politics of oil from a historical perspective, emphasizing the importance of the Persian Gulf. Topics include: the roots and guiding principles behind oil policy; oil in the two world wars; postwar changes in global oil production, culminating in the oil crisis of the 1970s; the pattern and end of the British dominance in the Gulf; the subsequent expansion of U.S. commitments in the region since the 1970s; the role of local nation-states, in particular Iran, Iraq, and Saudi Arabia; oil today and prospects for the future.
Political Science	150	4	Current World Problems	Examines a number of the major political crises, problems, and issues confronting the contemporary world.
Political Science	425	4	Environmental and Natural Resource Politics and Policy	Examines the institutional context and political dynamics of environmental and natural resource policy making in the United States. Topics include history of the U.S. environmental movement, major players and arenas of influence in environmental politics, and current policy issues including public lands, endangered species, solid and hazardous waste, and air pollution
Sociology	201	4	Contemporary Social Problems	Sociological perspectives on social problems considered. Specific social problems analyzed may include problems related to crime, sexual inequality, poverty, minority groups, drug and alcohol abuse, mental illness, environment, and others.
Tier III	402B	4	Introduction to Alternative Agriculture	Approaches agriculture through three disciplines: history, health, and environmental and plant biology, particularly as latter relates to growth of plants in soil. Historical development of current agricultural problems is examined, and practical, biologically based solutions are proposed. The relationship between soil infertility and the health and disease of animals and humans is also examined. Problems relating to Third World cultures are emphasized.
Tier III	408	4	Environmentalism in America	Topical survey of schools of thought, themes, and specific issues in American conservation in past century, with 19th-century transcendental thinkers are base line. Contemporary environmental issues and debates provide capstone for course.