

Planet OHIO
 GRADUATE COURSES ON
 ENVIRONMENT AND
 SUSTAINABILITY
2010-2011 Athens
Campus
www.ohio.edu/planetOHIO
Fall Courses

Department	Course #	Credits	Course Title	Description
Biological Sciences	516	5	Biogeography	Examination of historical, environmental, and biotic influences that shape spatial patterns of plant and animal distributions and community structure in the contemporary landscape. Dual listed with GEOG 516.
Civil Engineering	561	3	Environment Analysis Trans System	The role of environmental assessment in transportation planning and project development is addressed.
Civil Engineering	653	3	Soil Engineering	Presents the theoretical basis and in-situ/laboratory practices of geo-environmental methods.
Economics	513	5	Economics of Environment	Economic analysis of such environmental matters as air, water, and noise pollution; population growth; and land use. Emphasis on use of economic theory and empirical research in evaluating environmental policies.
Environmental Studies	560	5	Environmental Sustainability Leadership	Examines global and regional environmental issues and considers the scientific basis for policy options. Concepts and discussion of environmental sustainability and principles of environmental leadership.
Geography	517	5	Landscape Ecology	Explores landscape mosaics, focusing on landscape elements and the implication of spatial pattern for populations, communities, and ecosystems. Examines the role of humans in influencing landscape pattern and change.
Geography	540	5	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.
Geography	553	5	Environmental Planning	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	557	5	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.
History	533	5	Oil and World Power	Resources, global communications, and grand strategy in historical perspective: focus on the oil industry in relation to warfare, politics, and the world economy with special attention to the Persian Gulf.
Plant Biology	522	4	Tropical Plant Ecology	Tropical rainforest studies around the world, including basic plant ecology, conservation and management
Political Science	525	5	Environmental and National Resource Policy	Examines history, influence, and tactics of the U.S. environmental movement and the nature of conflict in environmental policy making at the local, state, and national levels. Emphasis on current environmental issues including air pollution, waste disposal, and use of public land.