

**REQUIREMENTS FOR THE SUSTAINABLE DEVELOPMENT (SUSD)  
MINOR**

**General Instructions:**

A student may minor in Sustainable Development by completing 18 hours in the course work listed below. The student must maintain a cumulative GPA of 2.0 in the required course work and take half of the course work at the 300-400 level. **NO course for the SusD minor may be taken on a pass/fail basis.**

The goal of the Sustainable Development Minor is to provide a base in four “aspect areas” of Sustainable Development: (1) Policy, History, Theory; (2) Environmental; (3) Social/Cultural; (4) Economic. ECONS 326/SOC 375 is required, and at least one course must be taken in each of the aspect areas listed below. The Sustainable Development Program Director must approve deviations.

The Sustainable Development Minor is located in the School of Economic Sciences, Hulbert 101.

| Course           | Description  | Hours |  |
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| <b>ECONS 326</b> | <b>Aspects of Sustainable Development</b> 3 Prereq EconS 101 or 198. Ecological, economical, and sociological aspects of sustainable development. Cross-listed as SOC 375. | 3     |  |

| Aspect Area                    | Course Numbers (Get Program handout for course descriptions.)  | Hours |  |
|--------------------------------|--|-------|--|
| <b>Policy, History, Theory</b> | <p><b>ARCH/ID 202 [H] The Built Environment</b> 3 Design and planning of the built environment: products, interiors, structures, landscapes, cities, regions, earth; human-environmental interactions, sustainability, and quality.</p> <p><b>ENVR SCI 335 [M] Environmental Policy</b> 3 Course Prerequisite: ENVR SCI 101. Global, national, and regional environmental issues and policy.</p> <p><b>HIST 409 [T] American Environmental History</b> 3 Course Prerequisite: Junior standing. A history of environmental change, ideas of nature, natural resource development, conservation politics, science and environmental policy.</p> <p><b>HIST 494 [T] Global Environmental History</b> 3 Historical dynamics of human communities and their ecological settings.</p> <p><b>NATRS 438 Natural Resource and Environmental Policy and Law</b> 3 Course Prerequisite: Junior standing. Development, content and implementation of natural resources and environmental policy and law in the U.S. Emphasis on both historical development and current issues in this field. Recommended preparation: NATRS 312.</p> <p><b>PHIL 370 [HUM] [H] Environmental Ethics</b> 3 Explores the obligations we have regarding non-human parts of the environment and the justification for those obligations.</p> | 3     |  |

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|                      | <p>POL_S 430 [T] <b>The Politics of Natural Resource and Environmental Policy</b> 3 Course Prerequisite: Junior standing. Issues and problems of natural resource and environmental policy.</p> <p>PSYCH 466 <b>Environmental Psychology</b> 3 Psychological concepts applied to the mixture of positive and negative interactions individuals have with their physical environment.</p>   |   |  |
| <b>Environmental</b> | <p>ARCH 490 <b>Seminar in Architectural Design</b> V 1-4 May be repeated for credit; cumulative maximum 4 hours. Prereq certified Arch major. Advanced study in architectural design.</p> <p>ARCH 494 <b>Seminar in Urban and Regional Planning</b> V 1-4 May be repeated for credit; cumulative maximum 4 hours. Prereq certified Arch major. Advanced study in urban and regional planning.</p> <p>BIOLOGY 330 [B] <b>Principles of Conservation</b> 3 Course Prerequisite: BIOLOGY 102, 106, or 107. Conservation of major natural resources through a biological approach; philosophical, economic, and political aspects of important conservation issues.</p> <p>BIOLOGY 372 [M] <b>General Ecology</b> 4 (3-3) Course Prerequisite: BIOLOGY 106; CHEM 102 or 105. Relationship of organisms with physical and biotic components of their environment at the population, community, and ecosystem level.</p> <p>CROP_SCI 360 [I] <b>World Agricultural Systems</b> 3 Course Prerequisite: 3 units of [B] or [BSCI] GER or UCORE categories. Study of agro-environmental characteristics of world agriculture; historical and contemporary features of world food production.</p> <p>ENVR SCI 101 [B] [BSCI] <b>The Environment, Human Life, and Sustainability</b> 4 (3-3) Interactions between humans and their environment; multidisciplinary introduction to environmental concepts and concerns.</p> <p>ENVR SCI 285 <b>The Science and Policy of Climate Change</b> 3 Course Prerequisite: ENVR SCI 101. The science of the climate system; the case for reducing greenhouse gas emissions, and the best policies to do so.</p> <p>GEOL 303 <b>Environmental Geology</b> 3 Course Prerequisite: Geol 101 or 102. Geological hazards and geologic problems associated with human activities. Optional field trip.</p> <p>ENVR SCI 444 <b>Environmental Assessment</b> 4 Environmental impact statements and their national and state policy frameworks, methods of assessment, and team preparation of an impact statement.</p> <p>NATRS 300 [B] <b>Natural Resource Ecology</b> 3 Ecology as applied to management of natural resource ecosystems; biological diversity, conservation biology, global climate change in natural resource ecology. Field trips required.</p> | 3 |  |

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|                        | <p><b>SOIL_SCI 301 [M] Ecological Soil Management</b> 3 Soil and water conservation and management; land classification and reclamation; soils and environmental quality; sustainable agroecosystems.</p>   |   |  |
| <b>Social/Cultural</b> | <p><b>ANTH 203 [DIVR] [K] Peoples of the World</b> 3 Principles of cultural anthropology through study of various ethnic groups from different parts of the world.</p> <p><b>ANTH 309 [SSCI] [K] Cultural Ecology</b> 3 Major findings of ecological anthropology relating to problems of population, resources, and environment in small-scale cultures.</p> <p><b>ANTH/WOMEN_ST 332 [I] Global Feminisms</b> 3 Course Prerequisite: ANTH 101, WOMEN ST 101, or WOMEN ST 201. An interdisciplinary approach to examining women's roles and experiences throughout the world and different approaches to feminism/feminisms.</p> <p><b>ANTH/POL_S/SOC 418 Human Issues in International Development</b> 3 Interdisciplinary analysis of complex interaction between tradition and modernity in Third World societies.</p> <p><b>NATRS 312 [DIVR] [S,D] Natural Resources, Society, and the Environment</b> 3 Social views of natural resources; processes by which these views are developed and expressed; social conflict over natural resources.</p> <p><b>SOC 332 Society and Environment</b> 3 Society-environment relations, including environmental attitudes and behavior; the environmental movement and environmental politics and policy-making.</p> <p><b>SOC 415 [T] Globalization</b> 3 Course Prerequisite: Junior standing. Structural foundations of global social change; theories of intersocietal interactions and interdependencies.</p> <p><b>SOC 430 [T] Society and Technology</b> 3 Course Prerequisite: Junior standing. Role of technology in social evolution; social impacts and shaping of technology.</p> <p><b>WOMEN_ST 460 [T] Gender, Race, and Nature in American Culture</b> 3 Course Prerequisite: WOMEN ST 101, 201, or 300; junior standing. Exploration of American culture through examination of cultural representations of nature in mainstream and environmental politics.</p> | 3 |  |
| <b>Economic</b>        | <p><b>ECONS 330 Natural Resource Economics</b> 3 Course Prerequisite: ECONS 101 or 198. The role of economics in natural resource management and policy.</p>  | 3 |  |

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|          | <p>ECONS 427 <b>Economic Development</b> 3 Course Prerequisite: ECONS 301 or 305. Development theories, policies, and performance of Third World economies; population, land reform, foreign trade, aid, investment, debt, dependency.</p> <p>ECONS 428 [T] <b>Global Capitalism Today: Perspectives and Issues</b> 3 Course Prerequisite: ECONS 101 or 102 or 198. Logic and consequences of capitalism as global system; multinational corporations; underdevelopment and overdevelopment; external debt, population, and environmental crisis.</p> <p>ECONS 430 [T] <b>Managing the Global Environment</b> 3 Study of policy and management tools to address environmental issues of global significance.</p> <p>ECONS 431 <b>Economic Analysis of Environmental and Natural Resource Policies</b> 3 Course Prerequisite: ECONS 301. Nature and practice of environmental policy analysis using economics concepts and the analysis of models applied to natural resource problems and issues.</p> <p>IBUS 380 <b>International Business</b> 3 International political economy; business relationships between nations; corporations and economic institutions. Must be certified business major or minor.</p> <p>IBUS 496 <b>Special Topics V</b> 1-3 May be repeated for credit; cumulative maximum 6 hours. (business majors only)</p> |   |  |
| Elective | Any of the above listed courses  | 3 |  |

Certified students who have completed 60 semester hours may apply for the Minor in Hulbert 103K.