

The Ohio State University at Marion. Sustainability courses (focuses and related) for academic year Summer 2012 - Spring 2013

| Subject  | Catalog Number | Course Title   | Description  | Department  | Focused | Related | Department count |
|----------|----------------|--|--|---|---------|---------|------------------|
| ANTHROP  | 4597.01        | Cultural Conflict in Developing Nations                    | Analysis of cultural conflict in developing nations resulting from rapid and extensive technological and social change.  | Anthropology  | F       |         | Y                |
| BIOL     | 1101           | Introductory Biology                                       | Basic principles of biology; topics include the nature of science, organismal diversity, evolution, ecology, genetics, reproduction, and cellular structure and function.  | Biology   |         | R       | Y                |
|          | 1102           | Human Biology  | Exploration of human biology; topics include structure and physiological function, reproduction and development, genetics and disease, ecology, and evolution.   |   |         | R       |                  |
|          | 1113           | Biological Sciences: Energy Transfer and Development       | Exploration of biology and biological principles; evolution and the origin of life, cellular structure and function, <del>bioenergetics, and genetics.</del>   |   |         | R       |                  |
|          | 1114           | Biological Sciences: Form, Function, Diversity and Ecology | Exploration of biology and biological principles; evolution and speciation, diversity in structure, function, behavior, and ecology among prokaryotes and eukaryotes.  |   |         | R       |                  |
| BUSMHR   | 2000           | Introduction to International Business                     | Basic coverage of world trade and investment problems, and introductory to multinational corporations strategies and the various types of environments in which they do business   | Business Administration: Management & Human Resources |         | R       | Y                |
|          | 2290           | Applied Business Skills and Environment I                  | Introduces students to the concept of capitalism and the role of business organizations in society   |   |         | R       |                  |
|          | 2291           | Applied Business Skills and Environment II                 | Enhancement of future business leaders' ability to resolve ethical issues and understand the ethical issues that leaders commonly face.  |   |         | R       |                  |
| COMP.STD | 2341           | Technology, Science and Society                            | Critical analysis of the relations among science, technology, and culture, with particular emphasis on ethical issues in <del>technology and engineering.</del>  | Comparative Studies                                   |         | R       | Y                |
|          | 2670           | Science and Religion                                       | A philosophical examination of the relationship between science and religion, concentration on issues regarding the creation of the universe and the origins of life.  |   |         | R       |                  |
| EARTHSC  | 1100           | Planet Earth: How It Works                                 | The materials of the Earth's crust, the processes that produce and modify them, the development of the Earth and its life forms through time, and responsible <del>stewardship of the earth's resources.</del>   | Earth Science   |         | R       | Y                |
|          | 1121           | The Dynamic Earth  | Plate tectonics; rock forming processes; climate change; <del>energy resources.</del>  |   |         | R       |                  |
| EDUPAES  | 1103           | Introduction to Health and Wellness in American Society    | A study of student health problems; designed to foster understandings and attitudes needed for intelligent decision-making related to present and future health needs.   | Education: Physical Activity and Ed Services          |         | R       | Y                |
|          | 1139.03        | Introductory Program of Outdoor Pursuits: Backpacking I    | Introduction to basic backpacking techniques, equipment, wilderness travel, emergency procedures & environmental awareness.  |   |         | R       |                  |
| ENGLISH  | 4597.02        | American Regional Cultures in Transition                   | Explores American regional cultures to consider the relationship between tradition and change, how to compare cultures, and how politics and economics shape conceptions <del>of culture.</del>  | English   |         | R       | Y                |
| ENR      | 2100           | Introduction to Environmental Science                      | 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 <del>natural resources.</del>                         | Environment and Natural Resources                     | F       |         | Y                |
| GEOG     | 1900           | Introduction to Weather and Climate                        | Surveys characteristics and processes of Earth's atmosphere and how it interacts with the planet's surface, oceans, and human activity. The course focuses on how these interactions work to produce extreme weather events and climate extremes and how they affect people. | Geography   |         | R       | Y                |
|          | 2750           | World Regional Geography                                   | An examination of the human and physical geographic structure of all world regions; defined primarily at the <del>continental scale.</del>   |   | F       |         |                  |
|          | 3597.01        | World Urbanization   | An examination of geographic aspects of the urbanization process in the world's major regions; interrelationships between urbanization and economic development  |   | F       |         |                  |
|          | 3600           | Space, Power and Political Geography                       | Political geographic thought; territory and territoriality; borders and scale; space, power and uneven development; states and statecraft; and the politics of nations, regions and localities.  |   | F       |         |                  |
| HIST     | 2650           | The World since 1914                                       | Global perspective on major forces that shaped the world since 1914. Provides students with factual knowledge and a critical interpretive framework for responsible global <del>citizenship.</del>   | History   | F       |         | Y                |
|          | 3011           | The American Revolution and the New Nation                 | Analysis of the political, cultural, social, military, and economic changes that led to revolution and creation of the <del>republic.</del>  |   |         | R       |                  |
|          | 3040           | The American City  | History of the American city (urban-suburban) from colonial times to the early 21st century.   |   | F       |         |                  |

|         |         |                                  |  |                   |   |    |    |
|---------|---------|----------------------------------|--|-------------------|---|----|----|
| PHILOS  | 2860    | Science and Religion             | A philosophical examination of the relationship between science and religion, concentration on issues regarding the creation of the universe and the origins of life.                                  | Philosophy        |   | R  | Y  |
| POLITSC | 2300    | American Foreign Policy          | The role of the United States in world politics since the Second World War, emphasizing structural change in economic and political-military relations.  | Political Science |   | R  | Y  |
| SOCIOL  | 1101    | Introductory Sociology           | Fundamental concepts of sociology and introduction to the analysis of social problems and interactions (e.g. wealth, gender, race, inequality, family, crime) using sociological theories.             | Sociology         | F |    | Y  |
|         | 2309    | Introduction to Law and Society  | Introduction to the law as a social institution, including the origins of law and its relationship to other social institutions, social control, and social change.                                    |                   |   | R  |    |
|         | 3597.01 | World Problems in Global Context | Sociological analysis of contemporary world societies -- non-industrialized, industrializing, and industrialized -- with special attention to major social institutions and patterns of social change. |                   | F |    |    |
|         |         |                                  |  |                   |   |    |    |
| Totals: |         |                                  | <b>** Total number of courses: 317</b>   |                   | 9 | 19 | 13 |
|         |         |                                  |  |                   |   |    |    |

\*\*\*\*\* The Ohio State University at Marion. Sustainability-Focused courses for academic year \*\*\*\*\* Summer 2012 -  
Spring 2013

| <u>Subject</u> | <u>Catalog Number</u> | <u>Course Title</u>                     | <u>Description</u>  | <u>Department</u>                 |
|----------------|-----------------------|---|---|-----------------------------------|
| ANTHROP        | 4597.01               | Cultural Conflict in Developing Nations | Analysis of cultural conflict in developing nations resulting from rapid and extensive technological and social change.   | Anthropology                      |
| ENR            | 2100                  | Introduction to Environmental Science   | 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 <u>natural resources</u> . | Environment and Natural Resources |
|                | 2750                  | World Regional Geography                | An examination of the human and physical geographic structure of all world regions; defined primarily at the <u>continental scale</u> .   |                                   |
|                | 3597.01               | World Urbanization                      | An examination of geographic aspects of the urbanization process in the world's major regions; interrelationships between urbanization and economic development   |                                   |
|                | 3600                  | Space, Power and Political Geography    | Political geographic thought; territory and territoriality; borders and scale; space, power and uneven development; states and statecraft; and the politics of nations, regions and localities.   |                                   |
| HIST           | 2650                  | The World since 1914                    | Global perspective on major forces that shaped the world since 1914. Provides students with factual knowledge and a critical interpretive framework for responsible global <u>citizenship</u> .   | History                           |
|                | 3040                  | The American City                       | History of the American city (urban-suburban) from <u>colonial times to the early 21st century</u> .  |                                   |
| SOCIOL         | 1101                  | Introductory Sociology                  | Fundamental concepts of sociology and introduction to the analysis of social problems and interactions (e.g. wealth, gender, race, inequality, family, crime) using sociological <u>theories</u> .  | Sociology                         |
|                | 3597.01               | World Problems in Global Context        | Sociological analysis of contemporary world societies -- non-industrialized, industrializing, and industrialized -- with special attention to major social institutions and patterns of <u>social change</u> .                                    |                                   |
| Totals:        |                       |   | <b>** Total number of courses: 317 *** Total<br/> <u>SUSTAINABILITY-FOCUSED courses: 9</u></b>  |                                   |

\*\*\*\*\* The Ohio State University at Marion. Sustainability-Related courses for academic year \*\*\*\*\* Summer 2012  
 - Spring 2013

| <u>Subject</u> | <u>Catalog Number</u> | <u>Course Title</u>  | <u>Description</u>   | <u>Department</u>                                     |
|----------------|-----------------------|--|--|---|
| BIOL           | 1101                  | Introductory Biology                                       | Basic principles of biology; topics include the nature of science, organismal diversity, evolution, ecology, genetics, reproduction, and cellular structure and function.  | Biology   |
|                | 1102                  | Human Biology  | Exploration of human biology; topics include structure and physiological function, reproduction and development, genetics and disease, ecology, and evolution.   |   |
|                | 1113                  | Biological Sciences: Energy Transfer and Development       | Exploration of biology and biological principles; evolution and the origin of life, cellular structure and function, <u>bioenergetics, and genetics.</u>   |   |
|                | 1114                  | Biological Sciences: Form, Function, Diversity and Ecology | Exploration of biology and biological principles; evolution and speciation, diversity in structure, function, behavior, and ecology among prokaryotes and eukaryotes.  |   |
| BUSMHR         | 2000                  | Introduction to International Business                     | Basic coverage of world trade and investment problems, and introductory to multinational corporations strategies and the various types of environments in which they do business   | Business Administration: Management & Human Resources |
|                | 2290                  | Applied Business Skills and Environment I                  | Introduces students to the concept of capitalism and the role of business organizations in society   |   |
|                | 2291                  | Applied Business Skills and Environment II                 | Enhancement of future business leaders' ability to resolve ethical issues and understand the ethical issues that leaders <u>commonly face.</u>   |   |
| COMP STD       | 2341                  | Technology, Science and Society                            | Critical analysis of the relations among science, technology, and culture, with particular emphasis on ethical issues in <u>technology and engineering.</u>  | Comparative Studies                                   |
|                | 2670                  | Science and Religion                                       | A philosophical examination of the relationship between science and religion, concentration on issues regarding the creation of the universe and the origins of life.  |   |
| EARTHSC        | 1100                  | Planet Earth: How It Works                                 | The materials of the Earth's crust, the processes that produce and modify them, the development of the Earth and its life forms through time, and responsible <u>stewardship of the earth's resources</u>  | Earth Science   |
|                | 1121                  | The Dynamic Earth  | Plate tectonics; rock forming processes; climate change; <u>energy resources.</u>  |   |
| EDUPAES        | 1103                  | Introduction to Health and Wellness in American Society    | A study of student health problems; designed to foster understandings and attitudes needed for intelligent decision-making related to present and future health <u>needs.</u>  | Education: Physical Activity and Ed Services          |
|                | 1139.03               | Introductory Program of Outdoor Pursuits: Backpacking I    | Introduction to basic backpacking techniques, equipment, wilderness travel, emergency procedures & environmental awareness.  |   |
| ENGLISH        | 4597.02               | American Regional Cultures in Transition                   | Explores American regional cultures to consider the relationship between tradition and change, how to compare cultures, and how politics and economics shape <u>conceptions of culture</u>   | English   |
| GEOG           | 1900                  | Introduction to Weather and Climate                        | Surveys characteristics and processes of Earth's atmosphere and how it interacts with the planet's surface, oceans, and human activity. The course focuses on how these interactions work to produce extreme weather events and climate extremes and how they affect people. | Geography   |
|                | 3011                  | The American Revolution and the New Nation                 | Analysis of the political, cultural, social, military, and economic changes that led to revolution and creation of <u>the republic.</u>  |   |
| PHILOS         | 2860                  | Science and Religion                                       | A philosophical examination of the relationship between science and religion, concentration on issues regarding the creation of the universe and the origins of life.  | Philosophy  |
| POLITSC        | 2300                  | American Foreign Policy                                    | The role of the United States in world politics since the Second World War, emphasizing structural change in economic and political-military relations.  | Political Science                                     |

|         |      |                                 |   |  |
|---------|------|---------------------------------|---|--|
|         | 2309 | Introduction to Law and Society | Introduction to the law as a social institution, including the origins of law and its relationship to other social institutions, social control, and social change. |  |
| Totals: |      |                                 | <b>** Total number of courses: 317 *** Total SUSTAINABILITY-RELATED courses = 19</b>  |  |