

Sustainability Courses Fall 2018

BIOL

120 - Life: Ecology & People

01- MW 1-1:50

An exploration of critical environmental issues that affect our world today, through a study of ecological principles and their interaction with human society, especially considering the ethical, political, and economic aspects.

136 –Life Ecology & People Lab

01 - F 9-10:50

02 - F 11-12:50

Biology 136 Life: Ecology and people Lab is a non-biology majors course that is designed to explore the science of ecology using inquiry-based science, a process of learning through original experimentation and research. You will learn to think and plan like an ecologist by conducting several ecological studies and experiments.

250 – Ecology

01 - MWF 11-11:50

The relationships between organisms and their living and non-living environments.

251 – Ecology Lab

01- T 9:30-11:20

02- T 2:30-4:20

03- W 1-2:50

04- R 2:30-4:20

Laboratory and field exercises to illustrate ecological principles. Local aquatic and terrestrial habitats are investigated.

ECON

320 – Natural Resource Economics

01- TR 11:30-12:45

02- TR 1-2:15

Economic analysis of managing the environment and allocating natural resources. Historical roots and ethical consequences of existing problems and policies are explored.

HIST

153 – Africa’s Past Our Future

01- TR 11:30-12:45

This course introduces students to the rich and deep history of the African continent. Ten historical developments and sociocultural institutions (such as ancient climate change, matriliney and the informal economy) that are long-standing provide a survey of African history that can inform our understanding of Western history and institutions as well as the choices that human societies face in creating a sustainable future.

362 – Global Cultures & Publics

01- TR 1-2:15

02- TR 2:30-3:45

03- TR 10-11:15

This course will look at the creative tensions that framed the encounters between western modernity and the ‘non-west.’ Primarily, this course will explore how various forms, practices, and processes related to modernity are transformed and constituted within the context of the non-west. Using scholarly texts, popular literature, and visual materials the course will attempt to examine critically the relationship between modernity and its ‘others.’

436/536 – SEM: Urban Ecologies and Economies

01- TR 2:30-3:45

This course is an historical investigation of the intersections, collisions, and synergies between urban ecologies and urban economies. With an eye on the future of the city as a form of settlement and a means of production, the course focuses mainly but not exclusively on American cities, including Cincinnati.

MGMT

322 - Managing for Sustainability

01- T 6-8:30

This course provides an overview of the issues faced by business managers related to the topic of Triple Bottom Line Sustainability: economic vitality, environmental stewardship and corporate social responsibility. The course emphasizes experiential learning and practical application of concepts.

333 – Global Supply Chain Management

01- W 6-8:30

This course provides undergraduate business students with a thorough introduction to the field of Supply Chain Management with an emphasis on current practice and emerging trends. Course topics will include supply chain design and strategies in a global business environment; selection and management of supply chain partners; inventory, warehousing, and materials management; logistics and transport systems; information flows and technology; and measurement of supply chain performance with regard to quality, responsiveness, cost, and sustainability.

MUSIC

109 – Music, War and Peace

01- TR 1-2:15

A study of select historical moments from primarily European and American culture as viewed through the lens of music about war and peace. A limited number of international musical excerpts and readings are also included. Musical selections range from antiquity to the present and include serious art music and popular art music of an era. Students critically evaluate the historical record, philosophical attitudes and values embedded in the society about war and peace as presented by the musical works. This course is managed as a seminar that meets the fine arts core requirement.

POLI

344 – Seminar: The Challenge of Peace

01- TR 1-2:15

02H- TR 11:30-15:45

In-depth exploration of the personal, political, practical, and spiritual aspects of peace.

SOCI

554 – An Introduction to Urban Systems

01- TR 1-2:15

This course will provide an overview of the natural and built systems that make up contemporary urban places. It also examines the ecological, social, economic and political forces that mold that urban environments and shape the people who live in them. The course is designed to give students a framework to understand the complexity of urban systems and provide a foundation for the interdisciplinary work in the program. This course will rely heavily on the Cincinnati metropolitan area to explore the intersection of natural, built, economic, political, and social systems. It will also provide examples and case studies nationally and globally as context. Examples of topics covered in this class would include the treatment of the Mill Creek over the history of the development of Cincinnati; the

food distribution system and the evolution from small neighborhood stores to the “big box” system, and from family farms to agri-business.

SUST

370 – Agroecology

01- M 3-4:50

371 – Agroecology Lab

01- W 3-4:50

This lecture/lab will examine the various ways that biological, chemical, and human systems influence agriculture. Agroecology is a whole-systems approach to agriculture and food systems development based on traditional knowledge, alternative agriculture, and local food system experiences. Will examine the interconnectedness of farm systems with the rest of the natural world including the chemistry and biology (entomology and ecology).

388 – Land Capstone

01- TBA

391-399 – Land Practicum

01- TBA

This is a fieldwork placement for the fourth year of the LAND curriculum. The type of work involved will vary depending on the student’s interests and previous practicum experience. It will be oriented toward agricultural or an affiliated kind of work. All work will be accomplished under the supervision of an employee of the organization.

401 – Sustainable Development

01- TR 10-11:15

Drawing on fields such as development studies, anthropology, geography, corporate social responsibility, and management studies, this course will aim to provide students with an understanding of the histories of negotiations, complex governance structures, and politics surrounding global pursuits for sustainable futures.

460 – Strategy & Goal Setting

01- W 6-8:30 (8/22-9/19)

The first step that any business must take in creating a sustainability program is to develop a vision, set a strategy and establish quantifiable goals. In this course students will gain an understanding of the primary drivers of environmental and social sustainability today, including climate change, solid waste management, water scarcity, supply chain responsibility, etc. They will learn how these drivers can

impact business growth/equity and how a company can develop a sustainability program (i.e. vision, strategy and quantifiable goals) to mitigate those impacts and create business opportunities.

461 – Sustainable Product Innovation

01- W 6-8:30 (9/26-10/24)

Once a business has established a sustainability program, developing “green” products through sustainable product innovation can be an important next step. In this course, students will learn the principles of sustainable product innovation by using life cycle assessment to compare the environmental sustainability of selected products and determining why one product is/is not better from an environmental standpoint than another. Students will also learn how to develop environmental advertising claims for “green” products. To enable students to compare and defend the environmental sustainability of products, lectures will be given on recent “green” innovations from various industries, principles of life cycle assessment, regulations governing sustainability claims, consumer attitudes toward sustainability, etc.

462 – Challenges Executing Sustainable Progress

01- W 6-8:30 (10/31-12/5)

As a company executes its sustainability program and markets its “green” products, it can confront a host of external issues such as the sustainable sourcing of renewable materials, environmental impacts of growth, issues around product safety, concerns of NGOs/activists, dealing with competing priorities, etc. In this course, students will gain an understanding of such issues and how to prevent them or address them once they arise. The issues discussed will be those typically confronted by businesses and topical issues that arise during the time the course is offered.

495 – Capstone Experience: Sustainability

01- W 3-5:30

This course is designed to help students prepare their capstone paper and presentation in sustainability, fulfilling a (3 credit hour) requirement of both the BA in Economics, Sustainability & Society (ECOS) and the BSBA in Sustainability: Economics & Management (SUST) majors. The capstone paper/presentation will be based on a topic for which the student has had direct experience. Through classroom and one-on-one faculty discussions, guidance will be provided that enables the student to complete a scholarly research paper to include a concise thesis statement, data collection and analysis, and exposition. Students will present their work to colleagues and relevant business/government/community contacts. The capstone course will provide students an opportunity to have in-depth discussions in their area of interest and develop oral and written communication skills.

554 – Advanced Policy Analysis

01- W 5:30-8

This graduate course explores the relationships among public policy development and implementation, urban sustainability, and private for-profit and not-for-profit interests. We will explore different elements of urban sustainability and how private and public interest collide and/or collude in advancing and/or impeding policies that drive sustainable practices. We will pay particular attention to

government administrative entities and how policies are realized through those bureaucracies. We will then explore case studies where public investment spurred private investment successfully. And finally we will explore current public policies and private interests in the greater Cincinnati region.

THEO

332 – Sacred Ground and New Story

01- MWF 12-12:50

To better understand the environment and the harm being done to it. To better integrate Christian beliefs with environmental concerns.

345 – The Challenge of Peace

01- TR 1-2:15

02H- TR 11:30-12:45

In-depth exploration of the personal, political, practical, and spiritual aspects of peace. Capstone course for the Peace Studies Minor.

364 – Religion in an Age of Science

01- TR 10-11:15

Study of the recent findings of contemporary science concerning creation and human nature and the implications of these findings for Christian theology. Fulfills the E/RS Focus elective.