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**Sustainability Related Courses Being Offered Spring 2017:**

**SUST 401 Sustainable Development: Institutions, Policies and Applications (3 credits)
TR 2:30-3:45
Chatterjee**
Drawing on interdisciplinary fields such as anthropology, geography and management studies, this course will address histories, negotiations, complex governance structures, and politics surrounding global pursuits for sustainable futures.

**SUST 495 Capstone Experience in Sustainability (1-3 credits)**

**T 2:30-5:00**

**Sauers**

This 1 to 3 credit hour 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. Students will 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.

**Notice: the following 3 courses are 1 credit each, can be taken sequentially, or 1 or 2 can be taken individually:**

**SUST 465 / BUAD 665: Climate Change Leadership-- Cincinnati**

**T 6-8:30 Jan 10 - Feb 7 (1 credit)**

**Larry Falkin (Director of Cincinnati’s Office of Environment & Sustainability)**

Course will focus on methods to lead a community to be resilient in the face of Cincinnati's climate change realities, with an emphasis on what local government responses are already in place and what other private and public sector responses could be developed. Each student will give a short oral presentation to Cincinnati City Council as part of a class briefing on Climate Change in Cincinnati.

**SUST 466 / BUAD 666: US Climate Change Policy and Politics**

**T 6-8:30 Feb 14 – Mar 21 (1 credit) (No class Mar 7)**

**Roxanne Qualls (Assistant to the Provost for Civic Affairs and Former Mayor of Cincinnati)**

This course is a review of US climate policy and the politics that shape it. It will examine US policy making, the political organizations that influence US policy and the response of state and local governments.

**SUST 467 / BUAD 667: Sustainability Metrics and Reporting**

**T 6-8:30 Mar 28 – Apr 25 (1 credit)**

**Matthew Mooney (Global Sustainability Reporting Manager, Accenture)**

Sustainability metrics and reporting guidelines are necessary tools to evaluate progress toward achieving social, environmental, and economic impact. Yet these tools can be complex and, improperly applied, can fail in their purpose: to communicate meaningful and relevant information about progress on sustainability topics. This class will provide students with key foundational concepts of sustainability metrics and reporting, including instruction on the different types of indicators and the most commonly used reporting frameworks. Students will explore real examples of sustainability goals, reports, and dashboards in order to understand how to apply these concepts to interpret, compare, and communicate results most effectively.

**ECON 421:  Economics, Environment & Policy (3 credits)
TR 10-11:15
Bertaux**
Analysis of concepts and models concerning economics and the environment, with applications to policy questions.  Project work will focus on particular natural resources or ecosystem services.

**HIST 398: History of Agriculture (3 credits)**

**TR 11-12:15**

**Smythe**

Agriculture is both viewed as essential to civilization and as the critical development in fundamentally altering the human relationship to the environment (its soil, air and water systems). It is the examination of these contrasting realities that is at the heart of this course which examines the 10,000 year trajectory of agricultural intensification in multiple places in the world with an emphasis in Africa, Europe and the United States.

**BIOL 398 Environmental Studies Seminar: Water Resources (3 credits)
TR 11:30-12:45
Blair**An exploration of the current state of freshwater resources used by humans. This will include an historical examination of the techniques used for water purification and distribution as well as new technologies and conservation measures that are being considered as the resource becomes increasingly scarce.
 **BIOL 120/136: Ecology and People (lecture and lab)
BIOL 120 (Lecture) 5:30-7:20 PM Wednesday (2 credits)
BIOL 136 (Lab) 11:00-12:50 Wednesday or 1:00 – 2:50 Wednesday (1 credit)
Blair**An analysis of critical environmental issues that affect our world today.  The course explores the scientific basis as well as the economic, political and social context of environmental problems**.**