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**Sustainability Courses Being Offered Fall 2016:**  
  
   
**SUST 301: Cultural Studies and Sustainability   
TR 1:00 – 2:15   
Suparna Chatterjee**  
Drawing on sociology, literary criticism, history, and post-colonialism studies, students will examine the relation between sustainability and theories of culture as a site of resistance and negotiation where different groups compete for recognition, representation, and power. Students will consider sustainability as a cultural construction, and compare different cultural processes and practices surrounding the notion of sustainability.

**SUST 370: Agroecology/SUST 371 Agroecology Lab  
T 12:30-2:20/R 12:30-2:20   
Alan Wight**

This course 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.

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

**SUST 450 / BUAD 650: Sustainable Product Development**

**T 6-8:30 Sep. 27 – Oct. 25 (1 credit)**

**Leonard Sauers (Retired Sr. VP for Global Sustainability, P&G)**

Course will teach students how to evaluate and quantify the environmental sustainability benefits of new product innovations and to use that data to support product claims.  Students will develop an idea for a new “green” product and justify why their product is better from an environmental sustainability standpoint versus current products. To assist students in developing their new product idea, lectures will be given on recent sustainable product innovations in the consumer products, apparel, food and electronics industries.

**SUST 451 / BUAD 651: Building Green, LEED, & Beyond**

**T 6-8:30 Aug.23 – Sept. 20 (1 credit)**

**Sanyog Rathod (President and CEO of Sol Design and Consulting)**

Course will teach students core principles and metrics for achieving corporate sustainability goals through green buildings.  Students will learn the benefits of green buildings and how it relates to Corporate Sustainability goals. The course will explore leading green building concepts such as LEED, Living Building Challenge, and LEED Dynamic Plaque. Students will evaluate different green building certification paths and the process to achieve certification, and learn how to craft an effective “Owner’s Project Requirements for Green Building”. An introduction to Building LCA tool will allow students to understand environmental impact of building materials.

**SUST 452 / BUAD 652: Designing Sustainable Communities**

**T 6-8:30 Nov. 1-Nov. 29 (1 credit)**

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

Course will teach students the basics of physical design elements that are necessary to create physically, socially and economically sustainable communities.  Physical form, density, public/civic space, transportation and infrastructure are among the basic elements necessary for creating environmentally and socially sustainable communities and cities. All directly impact energy usage, carbon footprint, employment opportunities, business development and social cohesion. Students will learn about the public policy choices and investment decisions that either support the creation of sustainable communities and cities, or undermine such efforts.

**ECON 320: Natural Resource, Ecological & Environmental Economics MWF 10:00-10:50 MWF 11:00-11:50 Nancy Bertaux**

This is an interdisciplinary course that addresses the relationships between human economies and natural ecosystems. Its main concern is the study of how an economy operates within the ecological constraints of the earth's natural resources.  In examining these issues, this course introduces the interconnected fields and models of ecological, natural resources, and environmental economics.  Environmental economics generally uses neoclassical analysis to focus on efficiency issues related to environmental problems; ecological economics emphasizes the economy as a subsystem of the ecosystem, as well as the need to preserve irreplaceable natural capital; natural resource economics focuses on using economic analysis to optimize use of natural resources.