

SEE MINOR SPRING 2012

SEE 301 H1 - Global Change and Earth Systems

Tues. / Thurs. 9:00 – 10:15 am

Dr. Shuang-Ye Wu and Dr. Carl Friese

A multidisciplinary introduction to the science of earth systems. The topics covered will focus on the interrelatedness of geological, biological, chemical and physical processes, and on methods used to understand both the past natural history and potential future scenarios for change in the earth system.

ASI 320 – Cities and Energy

Mon. / Wed. 3:00 – 4:15 pm

Dr. J. Heitmann, Dr. R. Potter , Dr. R. Brecha

An interdisciplinary examination of the influence of energy on the urban environment since the Industrial Revolution, how this relationship has affected every aspect of city life from culture to infrastructure, and prospects for the future of this relationship. **Clusters: PGEI, VTS**

SEE 402 H1 - Sustainability Research II

Tues. / Thurs. 12:00 – 1:15 pm

Dr. Dan Fouke and Dr. Sukh Sidhu

Part of a two course sequence on sustainable development. During the spring (second course), students will explore issues of sustainability as they affect the Dayton community. This course will also explore political philosophy and the ethical foundations of public policy. Students will choose an in-depth community-based research project. **Cluster: PGEI**

UDI 262 – Exploring SEE Mini Course

Most Thursdays 12 – 1:15 pm

Dr. Leanne Jablonski FMI

An exploration of the facets of Sustainability, Energy and the Environment (SEE). Through guest speakers, participation in campus SEE initiative events, field trip to the Marianist Environmental Education Center and other experiential learning opportunities, students will be introduced to SEE-related issues and begin to develop skills for addressing them. Spring 2011 learning themes include an introduction to the process of changing one's own life and surrounding community to be more sustainable. **SEE LLC and other First-year Students**

SEE RELATED COURSES

Clusters

• ASI 345	River Leadership Curriculum II	Dr. D. Pair	AHE, BPGSC, CC, PGEI, SJ, VTS, WC
• BIO 310/L	Ecology	Dr. Ryan McEwan	
• CHM/ GEO 234	Energy Resources	Dr. V. Benin & Dr. D. Goldman	VTS
• ECO 435	Economics of the Environment	Dr. T. Collier	
• ENG 342	Literature and the Environment	Dr. R. Potter	PGEI
• GEO 208/L	Environmental Geology	Dr. U. Haritashya	PGEI, VTS
• GEO 455	Environmental Remote Sensing	Dr. U. Haritashya	
• MEE 420	Energy Efficient Buildings	Dr. J.K. Kissock	
• MEE 499	Geothermal Energy Systems (web)	Dr. A. Chiasson	
• MEE 499	Wind Energy Engineering	Dr. K. Hallinan	
• PHL 321	Environmental Ethics	Dr. D. Fouke	PGEI, VTS
• PHY 220	Energy & Environmental Physics	Dr. R. Brecha	
• SWK 335	Social Work & Environmental Justice	Dr. S. Cassiman	

Mini Course

• UDI 324	Living Simply and Sustainably	Kelly Bohrer
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Contact Bob Brecha (brecha@udayton.edu) for questions relating to the SEE minor.