

SEE MINOR SPRING 2017

SEE 250 - Introduction to Sustainability, Energy & the Environment

Tues. / Thurs. 9:30 – 10:45am

Dr. Felix Fernando (HSI) and Dr. Rebecca Potter (ENG)

A multidisciplinary introduction to Sustainability, Energy and the Environment (SEE) and to the SEE minor. Emphasis is on learning how to view complex issues from different disciplinary points of view, developing skills in critical thinking about current issues in sustainability, gaining an awareness of different ethical positions and how these influence the quest for solutions, introducing skills in reading current literature on sustainability, and learning how scientific and sociopolitical processes work to investigate and address sustainability issues. [CAP Integrative](#)

SEE 301 - Global Change & Earth Systems

Tues. / Thurs. 11:00 – 12:15pm

Dr. Shuang-Ye Wu (GEO) and Mary Ellen Dillon (BIO)

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. [Planned CAP Natural Science](#)

ASI 320 - Cities and Energy

Tues. / Thurs. 2:00 – 3:15 pm

Dr. Janet Bednarek (HST) and Dr. John McCombe (ENG)

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 literature to infrastructure, and prospects for the future of this relationship. [CAP Adv. HST, Integrative](#)

SEE 390 – Special Topics in SEE:

Sustainable Development Goals and Climate Mitigation Strategies

MWF 12:20 – 1:10 pm

Dr. Bob Brecha (PHY/HSI)

Students will examine the intersection between two of the greatest challenges of our time: how to enable sustainable development for the majority of the world's population still living in some degree of poverty, while at the same time mitigating climate change. Students will read, discuss and debate these issues in detail with each other and with guest speakers, and propose appropriate approaches to finding sustainable solutions. [CAP Integrative](#)

SEE 402 - Sustainability Research II

Tues. / Thurs. 11:00a – 12:15 pm

Dr. Dan Fouke (PHL) and Kelly Bohrer (Fitz Center)

An interdisciplinary exploration of the issues of sustainability as they affect the Dayton community. Course will also explore political philosophy and the ethical foundations of public policy. Students will choose an in-depth community-based research project. [CAP Adv. PHL, Practical Ethical Action](#)

SEE 490 – Experiential Study in SEE

Shared Community Energy and Carbon Reduction INITIATIVE

Mon. / Wed. 3:35 – 4:50 pm

Dr. Kevin Hallinan (MEE)

This Hanley Sustainability Institute supported initiative and course is seeking students interested in designing a national model for a shared community energy and carbon reduction program or initiative, where 'shared' refers to the sharing within a community of various energy reduction and renewable energy assets. In this course, students will be asked to apply their disciplinary perspectives and thinking to the development of a model that could work in the Dayton region and elsewhere. Additionally, students will be tasked with designing and developing resources and tools that could help to grow the designed model nationally. [CAP Integrative](#)

→ SELECTED SEE MINOR ELECTIVE COURSES ←

- BIO 310 Ecology
- EGR 330 Engr. Design & Appropriate Tech. (ETHOS)
- ECO 435 Economics of the Environment
- ENG 342 Literature and Environment
- GEO 208 Environmental Geology
- HSS 301 Community Nutrition
- HSS 384 Food Justice (co-listed w/SOC 384)
- HST 499 Topics in History (Food Theme)
- MEE 472 Design for the Environment
- PHL 321 Environmental Ethics (2 sections)
- SOC 384 Food Justice (co-listed with HSS 384)
- UDI 262 SEE Mini-Course (First Year ILLC)

- Dr. Chelse Prather
- Dr. Malcolm Daniels
- Barbara John
- Dr. Rebecca Potter
- Dr. Allen McGrew
- Dr. Diana Cuy Castellanos
- Dr. Diana Cuy Castellanos
- Dr. Bobbi Sutherland
- Dr. Jun-Ki Choi
- Diane Dunham / Dr. Dan Fouke
- Dr. Jeanne Holcomb
- Sr. Leanne Jablonski PhD

Check out the UD Spring Undergraduate Course Schedule for MORE SEE Minor elective courses!

WEB: see.udayton.edu go.udayton.edu/hsi

EMAIL: kschoenenberger1@udayton.edu



University of Dayton
Hanley Sustainability Institute



@ud_hsi

UNIVERSITY of
DAYTON

Hanley Sustainability
Institute