



AN INTERDISCIPLINARY MINOR WITH MAJOR IMPACT.

All Students Welcome

As one of the largest minors on campus, the SEE minor welcomes students from all schools and all majors on campus. We currently have students from majors such as Marketing, Communications, Biology, Dietetics, Education, Engineering, Geology, Entrepreneurship, Operations and Supply Management, Physics, History, and more...

SEE courses count towards a wide variety of Common Academic Program requirements.

SEE supports many great summer experiential learning opportunities including study abroad and internships. Ask about the Berlin 2017 study abroad opportunity!

CONTACT:

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Sustainability, Energy and the Environment Minor

The Sustainability, Energy and the Environment (SEE) Minor provides interested students from all majors with a deep appreciation of the complexity involved in the study and discussions of sustainability. Students study the factors that influence our environment and communities and how their needs can continue to be met into the future. Key themes across the curriculum include sustainable food and urban agriculture, energy systems, water resources, community development, and the health of our planet and climate change.

The SEE curriculum emphasizes experiential and project-based learning. SEE Minor students are active participants in increasing our University's and community's understanding and awareness about how individuals are connected by the greater impacts of our actions. Working with the University of Dayton, Hanley Sustainability Institute and community partners, students in the SEE minor have the opportunity to collaborate in the planning and implementation of sustainable solutions both on campus and in the Dayton area.

How to complete the SEE Minor

Students achieve the SEE minor by completing 18 credits (6 courses) organized into introductory, core, and depth courses. The Introduction to Sustainability, Energy and the Environment seminar-style course is required for all SEE minors (SEE 250). This course can be taken at any point in a student's course-of-study, but does serve well as an introduction to the SEE minor experience.

The core courses not only cover key topics in sustainability, but also emphasize learning in disciplines across campus such as the natural sciences, humanities, arts, and social sciences. Students can choose 2-3 core courses, one of which must be a natural science course with a Biology focus for at least 50% of the content.

The depth courses focus on project-based, experiential learning and research and encourage a greater depth of understanding and practice in the process of problem-solving. Students can choose 2-3 depth courses. These courses should be thematically related to each other. At least one of the depth courses should involve a significant component of team and project-based learning or research.



Selected Courses (See academic catalog for full description and list of courses)		SEE Minor (18 cr)										COMMON ACADEMIC PROGRAM				
Course	Title	REQ 3 cr	CORE 6-9 cr	DEPTH 6-9 cr	Nat/Sci B = BIO	Soc Sci	Arts	Nat Sci	Faith	Pract. Eth.	Inq.	Integ.	Adv. PHL	Adv. REL	Adv. HST	Div. SJ
SEE 250	Intro to SEE	X										X				
SEE 301	Glbl Chng & Earth Sys		X		X, B			X*								
BIO 310	Ecology*		X		X, B			X*								
BIO 359	Sustainable Biosphere		X		X, B			X*								
BIO 395	Global Environmental Biology		X		X, B			X								
GEO 208	Environmental Geology		X		X			X			X					
GEO 234	Energy Resources		X		X			X*								
PHY 220	Energy & Env. Physics*		X		X			X*								
SEE 303	Constructions of Place		X				X*					X				
ASI 320	Cities & Energy		X									X			X	
ASI 322	Cities & Suburbs		X									X*				
ASI 345	River Leadership Curr.		X									X				
SEE 390	Special Topics in SEE		X									X				
SEE 401	Sustainability Research I			X								X	X			
SEE 402	Sustainability Resreach II			X						X			X			
SEE 490	Experiential Study in SEE			X								X				
CEE 390*	Env. Pollution Control			X							X					
ECO 435	Econ. of the Eviron.			X												
ENG 342	Literature & Environment			X			X									
GEO 450	Applied GIS			X							X					
HSS 302*	Community Nutrition			X							X					X
HST 342	Environmental History			X							X				X	
HST 359*	Hst .of Amer. City Plan.			X											X	X
MEE 472	Design for the Environment			X												
MEE 473	Renewable Energy Systems			X												
PHL 321	Environmental Ethics			X						X				X		
PHL 334	Philosophy of Ecology			X						X				X		
POL 371	Environmental Policy			X						X						
REL 472	Ecology & Religion			X											X*	
HSS/SOC 384	Food Justice			X							X					X
VAR 350*	Art and Social Practice			X						X						X

*Planned CAP, Contact the SEE Minor coordinator if you have any questions about courses. (kschoenenberger1@udayton.edu)