

SUSTAINABILITY MINOR

The Sustainability Minor provides students a wide breadth of knowledge, content, and context in the increasingly important, globally relevant area of sustainability and climate change. This is a unique interdisciplinary minor combining courses from the John B. and Lillian E. Neff College of Business as well as the College of Natural Sciences and Mathematics, the College of Engineering, and the College of Arts and Letters. Each of the four required courses are taught in a different college which provides students a rich and varied experience that spans multiple disciplines, ideas, challenges, and solutions regarding sustainability. The minor requirements are the same for any student regardless of what is listed as their “home” college. Because of this, the minor requirements are somewhat different from other minors in the College of Business.

Of the 15 credit hours (5 courses) required in the Sustainability minor, 12 credit hours (4 courses) must be unique to other required courses in a student's degree program. This means that only one course may “double dip” as another requirement in their degree program – be that a major, minor or other degree requirement. If more than one course naturally occurs as a requirement in their degree program, the student would need to select additional course(s) from the list of approved electives for the minor so that they achieve the 12 unique hours. Both the College of Business and a student's home college will review the minor requirements to certify completion for graduation.

General advising issues should be directed to the College of Business and Innovation's Office of Student Retention and Academic Success in SB 3130 or cobiadvising@utoledo.edu.

Code	Title	Hours
Program Requirements - 5 Courses - 15 hours		
<i>Required - 4 Courses - 12 hours</i>		
GNEN 1500	Sustainability Living	3
BUAD 3500	Sustainable Business Practices	3
EEES 2020	Introduction to the Environment: Energy and Climate	3
or EEES 2030	Introduction to the Environment Land-Use and Water	
PHIL 3180	Environmental Ethics	3
<i>Elective - 1 Course - 3 hours - Select one from:</i>		
BUAD 3020	Principles Of Manufacturing And Service Systems	
IBUS 4360	Global Business	
CHEM 1100	Chemistry And Society	
EEES 1150	Marine Biology	
EEES 2150	Biodiversity	
EEES 1010	Physical Geology	
EEES 2400	Oceanography And Water Resources	
EEES 2200	Climate Change	
EEES 1050	Geological Hazards And The Environment	
EEES 1130	Down To Earth: Environmental Science	
EEES 1170	Microbes And Society	
CHEE 4120	Biofuels	
CIVE 4690	Sustainability Engineering	
MIME 4410	Alternative Energy	

MIME 4820	Sustainability Analysis and Design
ECON 3240	Environmental Economics
GEPL 1100	Environmental Sustainability
GEPL 3900	Environmental Planning
GEPL 4160	Patterns Of World Development

Total Hours 15

- PLO 1. Discuss the history of the environmental movement and environmental science process.
- PLO 2. Identify the components of sustainability.
- PLO 3. Compare the different ways of evaluating environmental impacts and identify behavioral changes that reduce environmental impact.
- PLO 4. Critically analyze the concept of sustainability, especially with respect to economic, social, and ecological dimensions.
- PLO 5. Articulate and apply the key concepts and processes of sustainability as they relate to businesses (e.g., triple bottom line, social responsibility, systems thinking, life cycle analysis, social entrepreneurship, base of the pyramid).
- PLO 6. Discuss the role and responsibilities of business in society.