SUSTAINABILITY

Growing concerns about the impacts humans are having on our planet and the implications of those impacts on future generations clearly puts an important responsibility on the institutions of higher learning. University of Wisconsin-Platteville recognizes the importance of the goal of creating a sustainable world for future generations and strives to address this issue by creating educational opportunities for its students and serving as test sites and models for sustainable practices. UW-Platteville's sustainability plan guides its sustainability efforts in non-academic areas by waste reduction measures, the promotion of alternative transportation, energy and water conservation, and carefully planned and managed landscaping.

In the academic arena, UW-Platteville recognizes the importance of educating its students to address sustainability topics such as climate change, limited nature of resources, sustainable business practices, and adaptation of species. We are committed to achieving the greatest impact by creating programs, offering courses, supporting research, and creating partnerships that focus on sustainability, renewable energy, water conservation, and sustainable practices. Currently, UW-Platteville offers the following programs related to sustainability:

- BS degrees in Environmental Engineering, Sustainable and Renewable Energy Systems, Geography, Biology, Environmental Horticulture, and Reclamation Environment and Conservation.
- Minors in Renewable Energy, Social and Environmental Justice, Entrepreneurship, and Environmental Science.

Although a degree or a minor in a subject related to sustainability is an important step, the faculty at UW-Platteville believes that, in the end, the best goal for the university is to have sustainability as part of the educational experience for every student. It is critically important for the institutions of higher education to have their students develop knowledge and skillsets in sustainability so that graduates look at their life and work through the lens of sustainability. With that in mind, to help students identify and select the appropriate sustainability related courses at UW-Platteville, a faculty committee reviewed courses that were submitted for their sustainability content and placed the courses under the following two categories:

1. **Sustainability Courses**: These courses address at least one important aspect of sustainability as an integral part of the course throughout the semester.
2. **Courses with Some Sustainability Content**: These courses, although not completely dedicated to sustainability, address some aspects of sustainability in one or more chapters in its content.

In order to enhance students' knowledge and skill sets in sustainability and foster their sustainability lens, we encourage students to consider these courses as a part of their academic studies at UW-Platteville.

Sustainability Courses[1]

Course	Title	Credits
CIVILENG 4640	Site Design and Stormwater Management	3
ENERGY 2130	Energy, Environment, and Society	3
ENERGY 2340	Fundamentals of Energy Sources	4
ENERGY 3130	Sustainability: Ecology, Resources and Practice	3
ENERGY 3230	Biorenewable Resources	3
ENERGY 3430	Green Building Design	3
ENERGY 4130	Sustainability Policy and Practice	3
ENERGY 4230	Biofuels	4
ENERGY 4330	Wind and Solar Systems Design	4
ENERGY 4430	Building Energy Management	3
ENVENG 3340	Environmental Engineering	4
ENVENG 4410	Wastewater Treatment and Management	3
ENTRP 2010	Social Context of Creativity, Innovation and Entrepreneurship	3
GEOGRPHY 1040	Planet Earth	4
GEOGRPHY 3330	Environmental Conservation	3
GEOGRPHY 3340	Biogeography	4
SCSCI 4350	Soil and Water Conservation	3
UWPSTUDY 3030	EMS Short-Term International Experience (Cycling Infrastructure in the Netherlands)	3

Courses with Some Sustainability Content[1]

Course	Title	Credits
AGBUS 1500	Introduction to Agribusiness	3
BIOLOGY 3450	Ecology and Evolution	3
BUSADMIN 2100	Supply Chain Management	3

BUSADMIN 3230	Small Business Management	3
CIVILENG 2000	Introduction to Infrastructure	3
CIVILENG 3530	Transportation Engineering	3
CIVILENG 4500	Highway Engineering	3
ELECTENG 4450	Power Systems Analysis and Design	4
ENERGY 3330	Electrical Energy Systems and Energy Storage	3
ENERGY/BUSADMIN 3580	Principles of Project Management and Sustainable Development	3
ENERGY 4620	Data Analysis and Verification Tools	3
ENVENG 4330	Air and Waste Management	3
GEOGRPHY 3120	Geography of the Driftless Area	3
GEOGRPHY 4330	Advanced Geographic Information Systems	3
GEOLOGY 1140	Physical Geology	4
INDSTENG 4930	Industrial Systems Design	3
SCSCI 4240	Plant Breeding	4
SOCIOLGY 3530	Rural Sociology	3

[1] Check the prerequisites/co-requisite requirements before attempting to take any course.