WISCONSIN ONLINE COLLABORATIVES

Fall 2025

Course Preview Week: August 26 - September 01, 2025
Semester Dates: September 02 - December 12, 2025

SMGT 115 Environmental Science and Sustainability

3 Credits

This course presents an overview of the interrelationships between humans and the environment. The first part of the course focuses on important ecological concepts. The remainder of the course deals with human influence on the environment—and which sustainable practices are best suited to help us avoid or ameliorate any negative impacts of the aforementioned influence. The ecological concepts are used throughout to identify and understand possible solutions to contemporary environmental problems, and to provide a basis for proposing those solutions. Overall, this course will provide you with a better understanding of how humans can more positively affect the environment in which they live.
SMGT 115 course syllabus

SMGT 235 Economics in Society and Sustainability

3 Credits

This introductory course highlights economic, social, and environmental issues facing society. In addition to covering traditional issues such as markets and prices (microeconomics), government economic management (macroeconomics), and international trade, this course introduces economic content into the analysis of selected topics such as poverty and discrimination, the environment, and the provision of government services. Critiques of conventional economic thought, within the context of systems thinking and ecological economics, are integrated throughout the course.
Prerequisites: College Math (for degree-seeking students only; there are no prerequisites for certificate students)
SMGT 235 course syllabus

SMGT 250 Sustainable Agriculture and Food Security

3 Credits

This course offers an in-depth assessment of the economic, social, and environmental considerations of production agricultural systems that provide safe, reliable, and affordable food supplies for a growing human population. In addition to the maintenance of the economic viability of production agricultural systems, course topics will focus on: the maintenance of soil, water, and air resources; addressing issues of biodiversity loss; and, maintenance of rural community character and economies. Economic, regulatory, and public entity tools that promote sustainability in production agriculture will also be addressed.
Prerequisite: SMGT 115
SMGT 250 course syllabus

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SMGT 310 Ecology for Sustainable Management **3 Credits**

This course covers interrelationships of organisms with each other and their environments, as well as investigation into composition and dynamics of populations, communities, ecosystems, landscapes, and the biosphere, with emphasis on sustainability.

Prerequisites: Introductory Biology (for degree-seeking students only; there are no prerequisites for certificate students)

SMGT 310 course syllabus

SMGT 325 Natural Resource Management **3 Credits**

This course examines the interdependence between natural resources associated with land, air, and water. You will explore significant environmental issues regarding the policies and problems in the use and management of natural resources related to soils, vegetation, and landscape within the context of social needs and sustainability.

SMGT 325 course syllabus

SMGT 335 Management and Environmental Information Systems **3 Credits**

This course explores how technology can be applied to managing sustainable development in an organization. You will learn about the use of data-processing systems, information systems and decision-support tools, information-systems planning and development, overview of computer hardware and software, database management, networking and Web technologies, green data centers, energy-efficiency trends in information technology, and data and information use in green businesses.

Prerequisites: SMGT 230 (for degree-seeking students only; there are no prerequisites for certificate students)

SMGT 335 course syllabus

SMGT 360 Environmental and Sustainability Policy **3 Credits**

This course covers topics including the spectrum of historical, theoretical, and technical issues applicable to sustainable management of natural resources, environmental quality standards, and risk management. Administrative structures that form the basis for selecting appropriate responses to complex management problems faced by industry, government, and nongovernmental agencies are identified. The historical development and current framework of public policy are investigated, and specific foundational legislation is critiqued.

Prerequisites: SMGT 115

SMGT 360 course syllabus

SMGT 370 Logistics, Supply Chain Management, and Sustainability **3 Credits**

An introduction to the concepts, functions, processes, and objectives of logistics and supply chain management activities. The course covers activities involved in physically moving raw materials, inventory, and finished goods from point of origin to point of use or consumption. It covers the planning, organizing, and controlling of such activities, and examines the role of supply chain processes in creating sustainable competitive advantage with respect to quality, flexibility, lead time, and cost. Topics include customer service, inventory management, transportation, warehousing, supply chain management, reverse logistics, green supply chains, and international logistics.

SMGT 370 course syllabus

SMGT 420 The Built Environment and Sustainability **3 Credits**

This course addresses the impacts of the human-built environment on natural systems and opportunities available to mitigate them through thoughtful planning, design, and implementation techniques to provide desirable, affordable, and sustainable living and working spaces. Topics focus on providing critical infrastructure for economic development, housing, transportation, and utilities while protecting and enhancing environmental assets through effective site and building design, public input, and use of regulatory tools. Additional attention is given to the maintenance of community character and the economic and social interdependence of rural, exurban, suburban, and urban areas.

SMGT 420 course syllabus