

Certificate in Sustainability

The Certificate in Sustainability is focused on developing sustainability problem-solving skills and requires a minimum of 12 credit hours. The certificate is available to all students. Sustainability involves balancing human aspirations for a good quality of life with the environmental quality and resource needs of future generations. Advancing sustainability requires understanding interactions between ecological and social systems to design actions inspired by the beneficiaries' needs. The Sustainability Certificate will help students pursue careers in fast-growing green jobs and non-profit sectors of clean energy, resource conservation, transportation efficiency, pollution prevention, waste elimination, second-generation bio-fuels, green building, and infrastructure design, as well as human rights and community development.

Requirements

A minimum grade of C- is required for each course taken in the certificate. A minimum cumulative GPA in all certificate coursework is 2.0. At least 3 credits must be at the 4000 level.

Required Course

ENV_SC 2600	Sustainability Foundations: An Introduction to Sustainability	3
or BIOL_EN 2600	Sustainability Foundations: An Introduction to Sustainability	

Themes: select three courses from at least two themes

Energy Systems & the Built Environment

ARCHST 2323	Sustainable Building Design Fundamentals	3
ARCHST 4323	Sustainable Technologies and Systems	3
CV_ENG 2800	Introduction to Engineering Sustainability	3
CV_ENG 4286	Environmental Sustainability	3
PLNT_SCI 2355	Lawns and the Urban Environment	3
SOCIOL 3460W	Technology and Society - Writing Intensive	3

Development & Policy

ENV_SC 4400W	Environmental Law, Policy, and Justice - Writing Intensive	3
NAT_R 1120	Population, Environment and Sustainability	3
or ABM 1120	Population, Environment and Sustainability	
or PEA_ST 1120	Population, Environment and Sustainability	
or SOCIOL 1120	Population, Environment and Sustainability	
NAT_R 1400	A Series of Unfortunate Events in Global Water Issues	3
NAT_R 4353	Natural Resource Policy/Administration	3
PHIL 2900	Environmental Ethics	3
T_A_M 2600W	Moral and Ethical Issues in the Global Fashion Supply Chain - Writing Intensive	3

Food Systems & Natural Resources

ABM 2215	Introduction to the Theory and Practice of Sustainable Agriculture	3
ABM 3271	International Agricultural Development	3
ABM 4215	Community Food Systems	3
ABM 4370	Society, Environment and Natural Resources	3
or NAT_R 4370	Society, Environment and Natural Resources	
or SOCIOL 4370	Society, Environment and Natural Resources	

F_W 4220	Human Dimensions of Fish and Wildlife Conservation	3
FOREST 4341	Forest Harvesting and the Environment	3
SOCIOL 4425W	Sociology of Food - Writing Intensive	3
Social Systems & Environment		
ENV_SC 4600W	Sustainability Science Problem Solving - Writing Intensive	3
GEOG 2660	Environmental Geography	3
PRST 2111	Park Planning and Design	3
PRST 4260	Sustainable Tourism	3
SOCIOL 3330	Environmental Justice	3
or PEA_ST 3330	Environmental Justice	
T_A_M 3849	Fashion Sustainability and Social Responsibility: Engaging Communities for Change	3

Application for Certificate

Students interested in this certificate should complete the online form here (<http://declareaminor.missouri.edu>).