

Environmental Studies Minor

This is an interdisciplinary program that integrates the natural and physical sciences with the social sciences and humanities to study current environmental problems resulting from human population growth, global climate change, overuse of natural resources, pollution and biodiversity loss. A minimum 18 hours are required, 9 of which must be in the natural and physical sciences, including the listed Honors College courses, and 9 must be from the social sciences and humanities. Both BIOL 1202 (Environmental Biology) and POL SCI 3480 Environmental Politics must be completed as part of the total 18 hours. A total of 12 hours must be taken at or above the 2000 level, with one additional Biology course at or above the 3000 level. At least 9 hours must be taken while in residence at UMSL. A minimum GPA of 2.0 is required.

ANTHRO 1005	Introduction to Human Evolution	4
BIOL 1202	Environmental Biology	3
BIOL 1821	Introductory Biology: Organisms and the Environment (MOTR BIOL 150LEC)	5
BIOL 2102	Ecology	3
BIOL 2103	Ecology Laboratory	2
BIOL 3202	Conservation Biology	3
BIOL 3203	Conservation Biology Laboratory	2
BIOL 4102	Behavioral Ecology	3
BIOL 4270	Global Climate Change	3
BIOL 4402	Ornithology	3
BIOL 4403	Ornithology Laboratory	2
BIOL 4422	Entomology	3
BIOL 4423	Entomology Laboratory	2
ECON 4160	Geospatial Analysis in the Social Sciences	3
ECON 4170	Fundamentals of Cost-Benefit Analysis	3
ECON 4550	Natural Resource Economics	3
GEOL 1002	Historical Geology	3
HONORS 2050	Inquiries in the Natural Sciences	3
HONORS 2051	Inquiries in the Sciences: Laboratory or Field Work	1
PHIL 2256	Bioethics	3
PHIL 2255	Environmental Ethics	3
POL SCI 3480	Environmental Policy	3

Students may substitute the above courses with other courses upon approval by the director of the minor.

Learning Outcomes

Foundational Knowledge

Students obtaining a minor in environmental studies will be able to integrate knowledge from multiple disciplines including natural sciences, physical sciences, social sciences, and economics as they pertain to environmental issues and policies.

Practical skills and problem solving

Students earning a minor in environmental studies will be able to appreciate the biological methods and applications to solving environmental issues while recognizing the cultural and ethical context of environmental issues. Moreover, the minor will be able to reflect on his or her contribution as a citizen and consumer to global environmental issues.