

Environmental Studies Minor

Minor in Environmental Studies

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 course at or above the 3000 level besides POL SCI 3480. At least 9 hours must be taken while in residence at UMSL. A minimum GPA of 2.0 is required.

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| ANTHRO 1005 | Introduction to Human Evolution | 4 |
| ANTHRO 2126 | Archaeology Of Greater St Louis | 3 |
| ANTHRO 3228 | People and Plants | 3 |
| ANTHRO 3232 | | 3 |
| ANTHRO 3270 | | 3 |
| BIOL 1202 | Environmental Biology | 3 |
| BIOL 1821 | Introductory Biology: Organisms and the Environment (MOTR BIOL 150L) | 5 |
| BIOL 2102 | Ecology | 3 |
| BIOL 2103 | Ecology Laboratory | 2 |
| BIOL 2501 | | 5 |
| BIOL 3202 | Conservation Biology | 3 |
| BIOL 3203 | Conservation Biology Laboratory | 2 |
| BIOL 3302 | Evolution | 3 |
| BIOL 4102 | Behavioral Ecology | 3 |
| BIOL 4192 | | 5 |
| BIOL 4222 | | 3 |
| BIOL 4245 | | 3 |
| BIOL 4270 | | |
| BIOL 4402 | Ornithology | 3 |
| BIOL 4403 | Ornithology Laboratory | 2 |
| BIOL 4422 | Entomology | 3 |
| BIOL 4423 | Entomology Laboratory | 2 |
| BIOL 4501 | | 5 |
| ECON 3500 | | 3 |
| 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 | 4 |
| HONORS 2050 | Inquiries in the Natural Sciences | 1-3 |
| HONORS 2051 | Inquiries in the Sciences: Laboratory or Field Work | 1 |
| INTL BUS 4281 | Entrepreneurship in the Global Environment | 3 |

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| PHIL 2255 | Environmental Ethics | 3 |
| POL SCI 3480 | Environmental Policy | 3 |
| POL SCI 3595 | | 3 |
| POL SCI 3850 | International Organizations and Global Problem-Solving | 3 |
| POL SCI 3900 | Special Readings | 1-10 |

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.