

Environmental Studies

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Minors

The Minor in Interdisciplinary Environmental Analysis

This minor was developed to prepare students to tackle real-world environmental challenges by providing more robust opportunities for interdisciplinary knowledge and skill development. The minor is structured to provide students with opportunities to strengthen their critical analysis and problem-solving skills through participation in team-based, experiential, often community-engaged learning around "wicked" real-world problems. Most courses do not have prerequisites. Courses that appear as options in multiple sections may only be taken for credit toward one section of the minor.

Total units required: 18

Required courses (students choose three of the following; 9 units):

Code	Title	Units
EnSt 315	Fallout: Analyzing Texts and Narratives of the Nuclear Era	3
EnSt 316	Beyond the Evidence	3
EnSt 350W	Writing Skills for Environmental Professionals	3
EnSt 357	Multiparty Environmental Decision Making	3
EnSt 364	Field Methods for Environmental Science	3
EnSt 380	Applications in GIS	3
EnSt 415W	Writing Home: Creating Cultural Guides for Environmental Site Workers	3

One interdisciplinary environmental capstone course (3 units):

Code	Title	Units
EnSt 405	Sustainability Exchange: Community and University Practicums	3
EnSt 407	RESET - Renewable Energy Policy, Engineering and Business	3
EnSt 452	International Climate Negotiation Seminar	var.; max 6
EnSt 539	Interdisciplinary Environmental Clinic	var.; max 6

One advanced elective in natural science (3 units) (prerequisites: EnSt 481 [EnSt 380]; EEPS 454 [EEPS 201]):

Code	Title	Units
Biol 3900	Science for Agriculture and Environmental Policy	3
EEPS 386	The Earth's Climate System	3
EEPS 454	Exploration and Environmental Geophysics	4
EnSt 364	Field Methods for Environmental Science	3
EnSt 365	Applied Conservation Biology	3
EnSt 481	Advanced GIS	3

One advanced elective in social sciences and humanities (3 units) (prerequisites: Econ 451 [Econ 1011]; EnSt 481 [EnSt 380]):

Code	Title	Units
Econ 451	Environmental Policy	3
EnSt 310	Ecological Economics	3
EnSt 315	Fallout: Analyzing Texts and Narratives of the Nuclear Era	3
EnSt 316	Beyond the Evidence	3
EnSt 346	Environmental Justice	3
EnSt 347	Sustainable Cities	3
EnSt 415W	Writing Home: Creating Cultural Guides for Environmental Site Workers	3
EnSt 461	Intro to Environmental Law	3
EnSt 481	Advanced GIS	3
History 3194	Environment and Empire	3

Approved for students who entered Spring 2020 or before:

Pol Sci 340	Topics	3
Pol Sci 3752	Topics in American Politics	3
Pol Sci 4043	Public Policy Analysis, Assessment and Practical Wisdom	3

The Minor in Environmental Studies

This minor is a good fit for students for many reasons:

- **Exposure:** Includes introductory-level courses
- **Accessibility:** Includes introductory courses
- **Flexibility:** Wide degree of choice in elective categories
- Pairs easily with many majors to provide interdisciplinary exposure

Students must have at least 9 units of course work at the 300 level or higher that are unique to this minor.

Total units required: 18

Required core introductory courses (students choose two of the following; 6 units):

Code	Title	Units
Biol 2950	Introduction to Environmental Biology	3
EEPS 201	Earth and the Environment *	4
EEPS 202	Introduction to Earth, Environmental, and Planetary Science *	3
EEPS 219	Energy and the Environment *	3
EnSt 101	Earth's Future: Causes and Consequences of Global Climate Change	3
EnSt 102	To Sustainability and Beyond: People, Planet, Prosperity	3
EnSt 110	Environmental Issues	3
EnSt 111	Environmental Racism and the Health of Everyone	3
EnSt 215	Introduction to Environmental Humanities	3
EnSt 250	One Health: Linking the Health of Humans, Animals, and the Environment	3
EnSt 252	Sustainability in Business	3
Pol Sci 2010	Introduction to Environmental Policy	3

* Students can take only one of the following: EEPS 201 Earth and the Environment, EEPS 202 Introduction to Earth, Environmental, and Planetary Science, or EEPS 219 Energy and the Environment.

One elective in analysis and communication (3 units):

Code	Title	Units
EnSt 315	Fallout: Analyzing Texts and Narratives of the Nuclear Era	3
EnSt 316	Beyond the Evidence	3
EnSt 350W	Writing Skills for Environmental Professionals	3
EnSt 357	Multiparty Environmental Decision Making	3
EnSt 364	Field Methods for Environmental Science	3
EnSt 380	Applications in GIS	3
EnSt 405	Sustainability Exchange: Community and University Practicums	3
EnSt 407	RESET - Renewable Energy Policy, Engineering and Business	3
EnSt 415W	Writing Home: Creating Cultural Guides for Environmental Site Workers	3
EnSt 452	International Climate Negotiation Seminar	var.; max 6
EnSt 481	Advanced GIS	3
EnSt 539	Interdisciplinary Environmental Clinic	var.; max 6

One elective in environmental humanities and arts (3 units):

Code	Title	Units
AFAS 288	Free the Land: Black Histories of Environmental Racism	3
AFAS 3075	Recipes for Respect: Black Foodways in the US	3
AFAS 474	Black Geographies: Space, Place and Ecologies of Power	3
ARCH 209	Design Process	3
ART 318P	Photography: Art Practice (Art, Environment, Culture & Image)	3
Comp Lit 4111	Pastoral Literature	3
Drama 351	Intro to Playwriting	3
Drama 4081	Theater for Social Change	3
EnSt 315	Fallout: Analyzing Texts and Narratives of the Nuclear Era	3
EnSt 415W	Writing Home: Creating Cultural Guides for Environmental Site Workers	3
History 2561	Urban America	3
History 3194	Environment and Empire	3
IPH 312	Introduction to Digital Humanities	3
IPH 431	Statistics for Humanities Scholars: Data Science for the Humanities	3
Phil 235F	Introduction to Environmental Ethics	3
Writing 309	Writing the Natural World	3

One elective in social sciences (3 units):

Code	Title	Units
AMCS 299	The Study of Cities and Metropolitan America	3
Anthro 3472	Global Energy and the American Dream	3
Anthro 3602	Environmental Inequality: Toxicity, Health, and Justice	3
Anthro 361	Culture and Environment	3
Anthro 3618	Urban Ecological Anthropology	3
Anthro 428W	Original Research in Environmental Anthropology	3
Econ 451	Environmental Policy	3
EnSt 251	Metropolitan Environment	3
EnSt 255	Systems Thinking	3
EnSt 310	Ecological Economics	3
EnSt 316	Beyond the Evidence	3
EnSt 346	Environmental Justice	3
EnSt 347	Sustainable Cities	3
EnSt 461	Intro to Environmental Law	3
EnSt 481	Advanced GIS	3
EnSt 482	Applications in Geospatial Intelligence	3
MGT 401M	Sustainable Development and Conservation Through Entrepreneurial Collaboration: Madagascar	3

MGT 402	Ethical Issues in Managerial Decision Making	1.5
MGT 460L	Introduction to Social Entrepreneurship	3
MGT 460M	Business of Social Impact	1.5
MPH 5002	Epidemiology	3
MPH 5323	TPS: Climate Change and Public Health	3
Pol Sci 363	Quantitative Political Methodology	3
Pol Sci 389A	Power, Justice and the City	3
Pol Sci 4043	Public Policy Analysis, Assessment and Practical Wisdom	3
Pol Sci 495	Research Design and Methods	3
SOC 3350	Poverty and the New American City	3
SOC 4810	Global Structures and Problems	3

EnSt 375	Urban Ecology	3
EnSt 481	Advanced GIS	3
EnSt 483	Introduction to Spatial Epidemiology	3
LAND 551A	Landscape Ecology	3

One elective in natural science (3 units):

Code	Title	Units
Anthro 3053	Nomadic Strategies and Extreme Ecologies	3
Anthro 3660	Primate Ecology, Biology, and Behavior	3
Anthro 3662	Writing for Primate Conservation Biology	3
Anthro 4285	Environmental Archaeology	3
Anthro 4803	Advanced GIS Modeling and Landscape Analysis	3
Biol 3220	Woody Plants of Missouri	3
Biol 349	Microbiology	4
Biol 370	Animal Behavior	3
Biol 373W	Laboratory on the Evolution of Animal Behavior (Writing Intensive)	3
Biol 381	Introduction to Ecology	3
Biol 3900	Science for Agriculture and Environmental Policy	3
Biol 419	Community Ecology	3
Biol 4193	Experimental Ecology Laboratory	4
Biol 4195	Disease Ecology	4
EEPS 219	Energy and the Environment	3
EEPS 323	Biogeochemistry	3
EEPS 340	Minerals, Rocks, Resources and the Environment	4
EEPS 385	Earth History	3
EEPS 386	The Earth's Climate System	3
EEPS 387	Geospatial Science	4
EEPS 407	Remote Sensing	3
EEPS 413	Introduction To Soil Science	3
EEPS 428	Hydrology	3
EEPS 454	Exploration and Environmental Geophysics	4
EnSt 364	Field Methods for Environmental Science	3
EnSt 365	Applied Conservation Biology	3