

## Environmental Studies Minor

### ***Coordinator: Miriam Shakow, Sociology***

The minor in environmental studies has as its central organizing principle that to understand the human/environment relationship, students must understand how to examine this relationship from multiple disciplinary perspectives, within and outside the natural sciences. To this end, students are required to take five courses, with at least two from different Natural Science & Engineering disciplines (biology, chemistry, engineering, geology, physics) and at least two from different Social Science & Humanities disciplines (anthropology, economics, history, journalism, literature, philosophy, political science, sociology, women's & gender studies), with no more than two courses from any single discipline. Students may elect to complete either a third course in Natural Sciences & Engineering or in Social Sciences & Humanities, or may complete Independent Study, Independent Research, or Internships in Environmental Studies (ENV 391, ENV 393, or ENV 399). Disciplinary Topics courses and certain FSPs may also count towards the minor, with the approval of the Environmental Studies committee. At least three courses will be at the 300 or 400 level. In addition, students are required to complete a one unit co-requisite to demonstrate quantitative competency.

**Note: A topics course will count toward the minor only with the Minor Coordinator's permission.**

Natural Sciences and Engineering: Students must select at least two and no more than three courses with at least two disciplines represented.

BIO 170/Topics in Biology (for Liberal Learning): The Biology of Alien Invasions  
BIO 173/Humanity and the Natural World  
BIO 221/Ecology and Field Biology  
BIO 315/Plants and People  
BIO 360/Oceanography  
BIO 365, 366/Natural History of the Galapagos Islands and Ecuador I, II  
BIO 470/Topics in Biology: Conservation Genetics (new course)  
CHE 365/Environmental Chemistry  
CIV 381/Environmental Engineering  
PHY 120/Introduction to Geology  
PHY 171/Introduction to Meteorology  
PHY 220/Advanced Geology  
PHY 345/Physics of Clouds and Climate

Social Sciences and Humanities: Students must select at least two and no more than three courses with at least two disciplines represented.

ANT 246/Climate Change and Society  
ANT 341/Environmental Anthropology  
ECO 350/Economics of Environmental Quality  
HIS 188/Environmental History  
JPW 270/Reporting on Health and the Environment  
LIT 318/ The History of Nature  
PHL 265/Environmental Ethics  
POL 355/Political Economy of Natural Resources  
POL 370/Topics in Political Science: Global Environmental Politics

SOC 345/Inequality, Pollution and the Environment  
WGS 374/EcoFeminism

Co-requisite in Quantitative Competency: (1 unit)
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Students must complete at least one of the following:

Biometry (BIO 352) [prereq. BIO 201 (formerly BIO 185)]  
Applied Economics and Business Statistics (ECO 231) [prereq. STA 215 or equivalent]  
Design and Statistical Analysis (PSY 203) [prereq. PSY 121]  
Quantitative Research Methods (SOC 302) [prereq. SOC 101 and STA 115]  
Inferential Statistics (STA 215) [prereq. MAT 125 or MAT 127]