Environmental Studies Minor

Interim *Coordinator:* Luke Butler, Biology

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 First Year seminars 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
ETE 341/ Environmental and Biotechnology Systems
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 Justice and Social Action
ANT 341/ Environmental Anthropology
ECO 350/ Economics of Environmental Quality
ESE 100 Environmental Sustainability Education
HIS 188/ Environmental History
JPW 270/ Reporting on Health and the Environment
JPW 370/ Health and Environmental Journalism
LIT 318/ The History of Nature
PBH 379 Environmental and Occupational Health Sciences

PBHG 678/ Water, Land, Air: Critical Issues in Global Environmental Health (Graduate course open to undergraduates)
PHL 265/ Environmental Ethics
POL 307/ Environmental Policy
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)

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]