

Environmental Studies

Administrative Committee: Professors Aljobeh (Civil and Environmental Engineering), Devaraj (Economics), Eberhardt (Biology), Ganesh Babu (Geography and Meteorology), Iceman (Chemistry), Longan (Geography and Meteorology), McCool (Geography and Meteorology), Peller (Chemistry), Raridon (Sociology).

Objective

This minor will broaden the experiences of students with traditional majors in the College of Arts and Sciences by exposing them to approaches used by various disciplines and sectors of society that are attempting to solve complex environmental problems.

Environmental Studies Minor (Minimum 16 Cr.)

Environmental Studies Core		3 Cr.
GEO 260	Environmental Conservation	3 Cr.
Environment and Society Elective		3 Cr.
One course from the following options:		
GEO 265	Sustainability: Environment, Economy, Society	3 Cr.
GEO 321	Urban and Regional Planning	3 Cr.
ECON 210	Environmental Economics and Policy	3 Cr.
SOC 240	Food Systems	3 Cr.
Any new or topic course approved by the coordinator of the Environmental Science Administrative Committee		
Environmental Meanings and Values Elective		3 Cr.
One course from the following options:		
GEO 475	Culture, Nature, Landscape	3 Cr.
PHIL 230	Environmental Philosophy and Ethics	3 Cr.
Any new or topic course approved by the coordinator of the Environmental Science Administrative Committee		
Environmental Studies Electives		6-7 Cr.
Two courses from the following options:		
BIO 172	Diversity of Life	3+3, 4 Cr.
BIO 215	Fundamental Microbiology for Engineers	3 Cr.
BIO 350	Field Biology: Spring	2+4, 3 Cr.
BIO 430	Plant Biology	3+3, 4 Cr.
BIO 435	Insect Biology	3+3, 4 Cr.
BIO 440	Ecology	3+4, 4 Cr.
CHEM 221	Organic Chemistry I	3+3, 4 Cr.
CHEM 222	Organic Chemistry II	3+3, 4 Cr.
CHEM 230	Quantitative Analysis	3+3, 4 Cr.
CHEM 341	Environmental Chemistry	3+0, 3 Cr.
CE 364	Environmental Engineering I	3+3, 4 Cr.
ENVS 290	Topics in Environmental Science	1-3 Cr.
ENVS 490	Advanced Topics in Environmental Science	1-3 Cr.
GEO 304	Process Geomorphology and Terrain Analysis	3+3, 4 Cr.
Any new or topic course approved by the coordinator of the Environmental Science Administrative Committee		
Capstone Experience		1-3 Cr.
One course from the following options:		
ENVS 381	Cooperative Education in Environmental Science	1-2 Cr.
ENVS 386	Internship in Environmental Science	1-3 Cr.
ENVS 495	Independent Research in Environmental Science	1 Cr.
ENVS 499	Colloquium on Environmental Science and Management	1 Cr.

Note: No more than two courses for this minor may overlap with other requirements whether within general education or within requirements for any majors or other minors. Other appropriate topics courses may be substituted for requirements with the approval of the coordinator.