

ENVIRONMENTAL SCIENCE, BA

Requirements

Requires 38 hours. These must include:

Code	Title	Hours
Environment and Sustainability Core		
ENV 201	Environmental Issues	3
ENV 203	Leadership for Sustainability	3
ENV 220	Introduction to Earth Science	3
ENV 379 & 379L	Introduction to Geographic Information Systems (GIS) and Introduction to Geographic Information Systems (GIS) Lab	4
BIO 150 & 150L	Biology I and Biology I Lab	4
BIO 160 & 160L	Biology II and Biology II Lab	4
Co-Required Courses		
CHM 111 & 111L	College Chemistry I and College Chemistry I Lab	4
STA 112	Introduction to Regression and Data Science	3
or HES 262	Statistics in the Health Sciences	
or SOC 271	Social Statistics	
or BIO 380	Biostatistics	
Interdisciplinary Area Requirements		
Natural Science		6
Social Science, Humanities, Policy, and Sustainable Design		9
Applied Sustainability		3-6

* Course(s) of the student's choosing must be approved by the program co-directors.

Natural Science

Code	Title	Hours
BIO 225	Field Biology and Natural History	3
BIO 235	Genetics	3
BIO 245	Comparative Animal Physiology	3
BIO 311	Ecology and Conservation Biology of Coral Reefs	4
BIO 313	Herpetology	4
BIO 315 & 315L	Population Genetics and Population Genetics Lab	3-4
BIO 316	Biology of Birds	4
BIO 317 & 317L	Plant Physiology and Development and Plant Physiology and Development Lab	3-4
BIO 319 & 319L	Biology of Soils and Biology of Soils Lab	3-4
BIO 323 & 323L	Animal Behavior and Animal Behavior Lab	3-4

BIO 327	Mycology: Biology of Fungi	4
BIO 330	Land and Natural Resource Management	3
BIO 332	Microbiology	4
BIO 340	Ecology	4
BIO 342	Oceanography	4
BIO 348 & 348L	Physiological Plant Ecology and Physiological Plant Ecology	3-4
BIO 349	Tropical Biodiversity of the Amazon and Andes	4
BIO 356	Ecology and Resource Management of Southeast Australia	4
BIO 380	Biostatistics	3
BIO 383 & 383L	Genomics and Genomics Lab	3-4
EGR 112	Introduction to Engineering Experimentation	4
EGR 319	Environmental Engineering	3
EGR 324	Hydrologic and Hydraulic Engineering	3
ENV 301	Topics in Environmental Studies (when topic is approved by program director)	1-4
ENV 302	Topics in Environmental Studies (when topic is approved by program director)	1-4
ENV 303	Topics in Environmental Studies (when topic is approved by program director)	1-4
ENV 304	Topics in Environmental Studies (when topic is approved by program director)	1-4
ENV 305	Topics in Environmental Studies (when topic is approved by program director)	1-4
ENV 306	Topics in Environmental Studies (when topic is approved by program director)	1-4
ENV 321	Earth's Dynamic Surface	3
ENV 320	Earth's Dynamic Surface	3
ENV 340	Water Resources	3
ENV 350 & 350L	Ethnobotany and Ethnobotany Lab	3-4
ENV 360	Climate Change	3

Social Science, Humanities, Policy, and Sustainable Design

Code	Title	Hours
Social Science Electives		
AAS 280	Race, Environment, and Justice	3
AAS 392	Seminar in African American Studies (when topic is Black Ecologies)	3
ANT 339	Culture and Nature: Introduction to Environmental Anthropology	3
ANT 372	Environmental Archaeology	3
ECN 241	Environmental and Natural Resource Economics	3
ECN 341	Economics of the Environment	3
EDU 319	Environmental Education Methods	3
ENV 250	Methods for Environmental Community Collaboration and Justice	3

ENV 350 & 350L	Ethnobotany and Ethnobotany Lab	3-4
POL 210	Topics In United States Politics and Policy (when topic is Environmental Policy)	1-3
POL 281	Environmental Political Thought	3
Humanities Electives		
ART 121	Design Studio: Ethics and Aesthetics	3
ART 210	Topics in Studio Art (when topic is environmental)	1-4
ENG 341	Literature and the Environment	3
ENG 356	Literature of the Caribbean	3
ENV 381	Wilderness, the Anthropocene, and Global Sustainability	3
HMN 292	Environmentalism, the Humanities, and Gender	3
HMN 365	Humanity and Nature	1.5,3
HST 112	Big History: A History of the Cosmos and Humanity's Place In It	3
HST 214	Atlantic History to 1800: Science, Empire, and Environment	3
HST 215	Atlantic History from 1800: Science, Empire, Environment	3
HST 302	Plants of Empire: Power and Pleasure	3
HST 350	World Economic History: Globalization, Wealth and Poverty, 1500-Present	3
HST 368	U.S. Environmental History	3
JOU 321	Environmental Journalism	3
JOU 375	Special Topics in Journalism (when topic is Science Writing for the Public or Environmental Journalism)	1-3
PHI 163	Introduction to Environmental Ethics	3
REL 341	Religion and Ecology	3

Applied Sustainability

Code	Title	Hours
COM 372	Environmental Communication: Risk & Crisis (when it has a community component)	3
ENV 381	Wilderness, the Anthropocene, and Global Sustainability	3
ENV 394	Environmental Internship	1-4
ENV 395	Sustainability Lab/Clinic	4