

# ENVIRONMENTAL SCIENCE, BA

## Requirements

Requires 38 hours. These must include:

Code	Title	Hours
<b>Environment and Sustainability Core</b>		
ENV 201	Environmental Issues	3
ENV 203	Leadership for Sustainability	3
ENV 220	Introduction to Earth Science	3
BIO 150 & 150L	Biology I and Biology I Lab	4
BIO 160 & 160L	Biology II and Biology II Lab	4
<b>Co-Required Courses</b>		
CHM 111 & 111L	College Chemistry I and College Chemistry I Lab	4
One additional quantitative methods course *		
<b>Interdisciplinary Area Requirements</b>		
Natural Science		9
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 and Evolution	3
BIO 245	Comparative Animal Physiology	3
BIO 310	Community Ecology and Global Change	4
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 323 & 323L	Animal Behavior and Animal Behavior Lab	3-4
BIO 330	Land and Natural Resource Management	3
BIO 335	Insect Biology	4
BIO 338 & 338L	Plant Diversity and Plant Diversity	3-4
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 357	Bioinspiration and Biomimetics	3
BIO 358 & 358L	Biogeography and Biogeography Lab	3-4
BIO 379	Introduction to Geographic Information Systems (GIS)	4
BIO 380	Biostatistics	3

## Social Science, Humanities, Policy, and Sustainable Design

Code	Title	Hours
<b>Social Science Electives</b>		
ANT 339	Culture and Nature: Introduction to Environmental Anthropology	3
ECN 241	Environmental and Natural Resource Economics	3
POL 210	Topics In United States Politics and Policy (when topic is Environmental Policy)	3
POL 281	Environmental Political Thought	3
<b>Humanities Electives</b>		
ART 121	Design Studio: Ethics and Aesthetics	3
ENG 341	Literature and the Environment	3
ENG 356	Literature of the Caribbean	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 350	World Economic History: Globalization, Wealth and Poverty, 1500-Present	3
HST 368	U.S. Environmental History	3
JOU 375	Special Topics in Journalism (when topic is Science Writing for the Public or Environmental Journalism)	1-3
REL 341	Religion and Ecology	3

## Applied Sustainability

Code	Title	Hours
ENT 335	Renewable Energy Entrepreneurship: Science, Policy, and Economics	4
ENT 351	Green Technologies: Science and Entrepreneurship	2,3
ENV 394	Environmental Internship	1-4
ENV 395	Sustainability Lab/Clinic	4