ENVIRONMENTAL STUDIES PROGRAM OFFERINGS
2026-2027

BA in Field Ecology & Conservation Advising

Learning Outcomes

Values: Learners can explain the historical and cultural foundations of how humans value and conserve nature and natural resources.

Processes: Learners can describe ecological and evolutionary processes across temporal and spatial scales.

Application: Learners can articulate effective solutions to ecological challenges based on analysis of complex natural and human systems.

Research and Inquiry: Evaluate the validity of current field research and scientific data around environmental topics and issues.

Required Courses (Complete all)

✔	Course ID	Course Title	Credits
☐	ENV22725	Ecology, Concepts of	4
☐	ENV22730/31	Natural History & Ecology of the Southwest I, II	8
☐	ENV22015/23328	Geology of the Southwest OR Oceanography	4
☐	ENV47100	Ecological Research Methods	4
☐	ENV42020	Conservation Biology	4
☐ ☐	See Dist. Areas	2 Courses in ***Biology and Field Ecology***	8
☐	See Dist. Areas	1 Course in ***Social Systems***	4
☐	See Dist. Areas	1 Course in ***Environment and Social Systems***	4
☐	See Dist. Areas	1 Course in ***Applied Conservation***	4
☐	COR40005	Senior Project	4

Distribution Areas

Biology and Field Ecology

(Choose at least 2 Courses)

ENV22015	Biological Principles: Life on Earth	4
ENV23000	Human Evolution	4
ENV42115	Field Botany	4
ENV22201	Ornithology: The Life of Birds	4
ENV23325	Diversity of Marine Life	4
ENV42025	Island Biogeography	4
ADV21023	Wilderness Exploration & Landscape Studies (Mnt Geog)	4
ENV23321	Natural History of the Gulf of California	4

Social Systems

(Choose at least 1 Course)

ENV42700	Human Ecology	4
ENV23319	Cultural Geography	4
ENV41550	Water in the West	4
ENV47730	Children & Nature	4

Environment and Sustainability

(Choose at least 1 Course)

ENV43819	Transforming Community Food Systems	4
ENV43310	Climate Change, Fisheries, and Policy	4
ENV46100	Climate Studies	4
ENV22850	Environmental Problems and Innovative Solutions	4
ANV21400	Geographic Information Systems	4

Applied Conservation

(Choose at least 1 Course)

ENV43311	Community-Based Marine Conservation	4
ENV45114	Community-based Conservation in Costa Rica	4
ENV42724	Restoration Ecology	4
ENV43312	Marine Conservation Practicum	4

Concentrations

Marine Studies - 20 Credits

Earn at least 20 credits from the following:

ENV22015	Cultural Geography	4
ENV23321	Natural History of the Gulf of California	4
ENV42115	Oceanography	4
ENV22201	Island Biogeography	4
ENV23325	Conservation Biology	4
ENV42025	Diversity of Marine Life	4
ADV21023	Community-Based Marine Conservation	4
ENV23321	Sea Kayaking & Coastal Environments	4
ENV43312	Marine Conservation Practicum	4

Natural History Interpretation - 20 Credits

Required Courses (Complete all):

ENV22730	Natural History & Ecology of the Southwest I	4
ENV22731	Natural History & Ecology of the Southwest II	4

Earn at least 3 courses from the following:

ADV24110	Sea Kayaking & Coastal Environments	4
ADV21023	Wilderness Exploration & Landscape Studies (Mnt Geog)	4
ENV23321	Natural History of the Gulf of California	4
ENV42115	Field Botany	4
ENV22201	Ornithology: The Life of Birds	4
ENV25020	Geology of the Southwest	4
ENV21002	Naked Eye Astronomy	4

Certificates

Sustainable Food Systems Certificate - 20 Credits

Required Courses (Complete all):

ENV23812	Small-Scale Agricultural Production	4
ENV23815	Agroecology	4
ENV43814	The Art & Science of Food Preservation	4
ENV43819	Transforming Community Food Systems	4
ENV47902	Food Justice and Sustainable Food Systems	4