

Environmental Biology (BA)

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Humans cannot continue to consume more and more of the Earth's resources indefinitely. There are limits to growth, and the consequences of ignoring these issues can be seen across the globe. Developing meaningful sustainable solutions to environmental problems requires awareness of science, economics, politics, and society. Students majoring in Environmental Biology will acquire the knowledge and skills necessary to undertake competent, complex problem-solving in a major that has an important connection to finding solutions for our shared environmental problems.

Department: Biology

Type: Major

Requirement for Bachelor of Arts in Environmental Biology

The Basic Environmental Studies Core: Required of all Environmental Biology majors.

Item #	Title	Credits
BIOL 111	PRINCIPLES OF BIOLOGY (N)	4
BIOL 112	DIVERSITY OF LIFE (N)	4
BIOL 148	ENVIRONMENTAL ISSUES (N)	3
BIOL 149	ENVIRONMENTAL ISSUES LAB (N)	1
BIOL 245	ECOLOGY (Q)	4
BIOL 253	ZOOLOGY	4
BIOL 257	BOTANY	4
BIOL 348	CONSERVATION BIOLOGY	3
BIOL 381	JUNIOR SEMINAR (R)	3
BIOL 400	SENIOR SEMINAR (M)	1
BIOL 401	SENIOR RESEARCH (M)	2
CHEM 121	GENERAL CHEMISTRY I (NQ)	4
CHEM 122	GENERAL CHEMISTRY II (Q)	4

Environmental Studies Electives

Electives chosen must include at least one 300-level course and two 200-level courses.

Note: a course may not fulfill more than one elective requirement; e.g. BIOL 141 may not be taken to fulfill both an Experiential and an Open elective.

Note: Students are encouraged to pursue internships in the environmental field (BIOL 387)

Economics Requirement

Item #	Title	Credits
ECON 101	PRINCIPLES OF MICROECONOMICS (SQ)	3
ECON 272	ENVIRONMENTAL POLICY (R)	3

Experiential Electives -choose one

Item #	Title	Credits
BIOL 141	FIELD BIOLOGY (N)	4
BIOL 150	FIELD ORNITHOLOGY (N)	4
BIOL 250	NEOTROPICAL ORNITHOLOGY (I)	4
BIOL 356	Biology of Insects	3

Interdisciplinary Electives – choose one

Item #	Title	Credits
ANTH 227	HUMAN GEOGRAPHY (I)	3
BUAD 104	SUSTAINABILITY & BUSINESS	3
BUAD 307	BUSINESS & SOCIETY (R)	3
CHEM 230	ENVIRONMENTAL CHEMISTRY I	3
PSYC 275	SOCIAL PSYCHOLOGY (S)	3

Humanities Electives – choose one

Item #	Title	Credits
ENG 330	NATURE IN AMERICA (T)	3
HIST 265	AFRICAN-AMERICAN HIST TO 1877 (DR)	3
HIST 325	JACKSONIAN AMERICA (TW)	3
PHIL 110	ETHICAL ISSUES IN BUSINESS (H)	3

Social Science Electives – choose one

Item #	Title	Credits
ECON 301	DATA VISUALIZAT & REGRESSN IN R (Q)	3
POLS 100	AMERICAN GOVERNMENT & POLITICS (S)	3
POLS 200	STATE AND LOCAL GOVERNMENT (CS)	3
POLS 260	PUBLIC POLICY (R)	3
SOC 262	ENVIRON, SOCIETY, AND SUSTAIN MVMT(T)	3

Open Electives – choose two

Choose two additional electives from the courses listed above.

Total credits: **65-68**