

# Biology: Environmental Studies

## Degree Type

Bachelor of Science

Division Dean: Bret Clark, Ph.D.

Department Chair: Lindsay Boateng, Ph.D.

Professors: Bret Clark, Ph.D., Charles Horn, Ph.D.

Associate Professor: Valarie Burnett, Ph.D., Lindsay Boateng, Ph.D.

Requirements for the **Major in Biology** with a concentration in **Environmental Studies** (not including General Education Core).

## A General Biology Course with a grade of "C" or better

Choose one of the following:

Item #	Title	Credits
BIO 101	Principles of Biology	4
BIO 121	Biological Science	4
BIO 130	Human Biology	4

## Other Requirements for the Major

Item #	Title	Credits
BIO 111	Latin and Greek Bioscientific Terminology	1
BIO 122	Zoology	4
BIO 201	Botany	4
BIO 212	Microbiology	4
BIO 322	Genetics	4
BIO 331	Cell Biology	4
BIO 431	Ecology	4
ENV 112	Introduction to Environmental Science	4
ENV 220	Environmental Issues	3
ENV 481	Environmental Seminar I	1
ENV 482	Environmental Seminar II	1
CHE 113	General Chemistry I	4
CHE 114	General Chemistry II	4
MAT 150	Precalculus Mathematics	4
MAT 200	Applied Statistics	3

## An Experiential Learning Course

Choose one of the following courses for at least two credit hours:

Item #	Title	Credits
BIO 391	Investigative Biology	2
BIO 491	Research in Biology	1-4
ENV 495	Environmental Internship	2-4

## One of below pairs of chemistry

Item #	Title	Credits
CHE 230	Essentials of Organic Chemistry	3
CHE 240	Essentials of Organic Chemistry Laboratory	1
CHE 231	Organic Chemistry I	3
CHE 241	Organic Chemistry Laboratory I	2

## Physics: one of the below

Item #	Title	Credits
PHY 101	Fundamentals of Physics I	4
PHY 213	Physics for Science and Engineering Students I	4

## Two electives from the following:

Item #	Title	Credits
BIO 200	Local Flora	3
BIO 332	Economic Botany	4
BIO 402	Field Biology	4
CHE 330	Environmental Chemistry	4
SCI 110	Introduction to Earth Science	4
	Total Credits	70-72