

2023-2024

B.A. or B.S. ENVIRONMENTAL BIOLOGY



GRACE CORE (39 credits)

Students will integrate faith and learning across disciplines, demonstrate foundational knowledge and ways of knowing, cultivate characteristics of maturity in relationships with God, others, self, and the world, and apply knowledge to all aspects of life through intellectual and practical skills.

1000-Level Courses

First-Year Learning Communities

FYE 1000	First-Year Foundations	3	@
BIB 1050	Exploring the Bible	3	
PSY 1200	Essentials of Behavioral Science	3	
HIS 1050	Current Issues in Historical Context	3	@

First-Year Learning Competencies

ENG 1100	Effective Writing	3
COM 1100	Public Speaking	3

2000-Level Courses

HUM 2100	Creative Arts & Culture	3
HUM 2000	Global Perspectives	3
SCI 2030	Faith, Science, & Reason	3
HUM 2010-30	Cross-Cultural Field Experience	0
BIB 2010	Scripture and Interpretation	3

3000-Level Courses

ECN 3000	Consumer Economics	3
PHI 3010	Christianity and Critical Thinking	3
BIB 3300	Essential Doctrinal Themes	3

ADDITIONAL GENERAL EDUCATION--B.A. or B.S. DEGREE (6 credits)

Satisfies B.S. Degree

MAT 3200	Probability and Statistics	3
POS 3010	State and Local Government	3

Satisfies B.A. Degree

FRE/SPA	Proficiency in Language & Culture	6
GRE/HEB	French, Spanish, Greek, Hebrew	

THE MAJOR (49 credits)

Required Environmental Biology Courses

BIO 1610	General Biology I	4
BIO 1620	General Biology I Lab	0
MAT 1230	Calculus I	4
MAT 1240	Calculus 1 Lab	0
PHY 2140	College Physics I	4
PHY 2150	College Physics I Lab	0
PHY 2160	College Physics II	4
PHY 2170	College Physics II Lab	0
ENV 2110	General Ecology	4
ENV 2120	General Ecology Lab	0
@ BIO 3210	Aquatic Ecology	4
@ BIO 3220	Aquatic Ecology Lab	0
@ ENV 3410	Environmental Ethics	3
@ ENV 4010	Senior Seminar	3
@ BIO 4210	Genetics	3
ENV 4830	Field Education	3

Elective Environmental Biology Courses

Choose 13 credit hours from the following:

SCI 1160	Theories of Origins	3
BIO 1710	General Biology II	4
BIO 1720	General Biology II Lab	0
@ BIO 2410	Plant Biology	4
@ BIO 2420	Plant Biology Lab	0
@ BIO 2510	Animal Biology	4
@ BIO 2520	Animal Biology Lab	0
POS 3010	State and Local Government	3
@ MAT 3200	Probability and Statistics	3
@ ENV 4110	Microbiology	4
ENV 4120	Microbiology Lab	0
ENV 4810	Field Education	1
ENV 4820	Field Education	2
ENV 4830	Field Education	3
ENV 3950	AuSable Institute courses	4

GRADUATION REQUIREMENTS

To receive a degree, each student must satisfy checklist requirements, earn 120 credit hours, have a 2.2 GPA in major courses, and a GPA of 2.0 overall. It is the student's responsibility to work with his/her advisor and monitor progress toward these goals. Some majors and/or minors may have more stringent guidelines.

IS A MINOR REQUIRED WITH THIS MAJOR? YES

Notes about this major:

Chemistry Minor required, including CHM 3610

CHECKSHEET TOTAL CREDITS: 94
TOTAL CREDITS NEEDED TO GRADUATE: 120

† Indicates a course taught by a partner college/university.

@ Indicates a course with prerequisites. Please review catalog for prerequisites.