

2021-2022

B.A. or B.S. ENVIRONMENTAL SCIENCE



GRACE CORE (39 credits)

Designed around four essential relationships. Though all courses engage most relationships, courses are organized according to the relationship that is

Relationship to God

BIB 1050	Exploring the Bible	3
@ BIB 2010	Scripture and Interpretation	3
@ BIB 3300	Essential Doctrinal Themes	3

Relationship to Self

FYE 1000	First-Year Foundations	3
ECN 3000	Consumer Economics	3
@ PHI 3010	Christianity and Critical Thinking	3

Relationship to Others

COM 1100	Public Speaking	3
ENG 1100	Effective Writing	3
PSY 1200	Essentials in Behavioral Science	3

Relationship to the World and Environment

HIS 1050	Current Issues in Historical Context	3
HUM 2000	Global Perspectives	3
HUM 2010-30	Cross-cultural Field Experience	0
HUM 2100	Creative Arts & Culture	3
SCI 2030	Faith, Science, and Reason	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 (45 credits)

Required Environmental Science Courses

BIO 1610	General Biology I	4
BIO 1620	General Biology I Lab	0
@ CHM 1610	General Chemistry I	4
@ CHM 1620	General Chemistry I Lab	0
@ CHM 1710	General Chemistry II	4
@ CHM 1720	General Chemistry II Lab	0
POS 2010	Intro to Political Thought	3
ENV 2110	General Ecology	4
ENV 2120	General Ecology Lab	0
@ ENV 3210	Aquatic Ecology	4
@ ENV 3220	Aquatic Ecology Lab	0
PSY 1100	Introduction to Psychology	3
@ ENV 3410	Environmental Ethics	3
@ ENV 4010	Senior Seminar	3
@ CHM 3610	Environmental Analytical Chemistry	3
ENV 4830	Field Education	3

Elective Environmental Science Courses

Choose 7 credit hours from the following:

SCI 1160	Theories of Origins	3
SOC 2140	Social Problems	3
@ 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
@ BIO 4110	Microbiology	4
@ BIO 4120	Microbiology Lab	0
@ BIO 4210	Genetics	3
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 checksheet 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:

CHECKSHEET TOTAL CREDITS: 90
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.