

2020-2021

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.