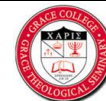


2019-2020

**B.A. or B.S. ENVIRONMENTAL SCIENCE**



**GRACE CORE (39 credits; 2 APLs)**

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 1380	Contemporary American and the World	3
HUM 2000	Global Perspectives	3
HUM 2010-30	Cross-cultural Field Experience (2 APL)	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 1000+	Any Math (1000 Level and Above)	3
	Any Science/Social Science with the following course prefix:	3
	PSY, BHS, SOC, ECN, HIS, POS, GEO, CSI	

**Satisfies B.A. Degree**

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

**THE MAJOR (45 credits; 12 APLs)**

**Required Environmental Science Courses**

BIO 1610	General Biology I	4
BIO 1620	General Biology I Lab (1 APL)	0
@ CHM 1610	General Chemistry I	4
@ CHM 1620	General Chemistry I Lab (1 APL)	0
@ CHM 1710	General Chemistry II	4
@ CHM 1720	General Chemistry II Lab (1 APL)	0
POS 2010	Into to Political Thought	3
ENV 2110	General Ecology	4
ENV 2120	General Ecology Lab (2 APL)	0
@ ENV 3210	Aquatic Ecology	4
@ ENV 3220	Aquatic Ecology Lab (2 APL)	0
PSY 1100	Introduction to Psychology	3
@ ENV 3410	Environmental Ethics	3
@ ENV 4010	Senior Seminar (1 APL)	3
@ CHM 3610	Environmental Analytical Chemistry	3
ENV 4820	Field Education (2 APL)	2

**Elective Environmental Science Courses**

**Choose 8 credit hours from the following:**

SCI 1160	Theories of Origins	3
SOC 2140	Social Problems	3
CHM 2300	Forensic Chemistry	3
@ BIO 2410	Plant Biology	4
@ BIO 2420	Plant Biology Lab (1 APL)	0
@ BIO 2510	Animal Biology	4
@ BIO 2520	Animal Biology Lab (1 APL)	0
POS 3010	State and Local Government	3
@ MAT 3200	Probability and Statistics	3
@ BIO 4110	Microbiology	4
@ BIO 4120	Microbiology Lab (1 APL)	0
@ BIO 4210	Genetics	3
ENV 4810	Field Education (1 APL)	1
ENV 4820	Field Education (2 APL)	2
ENV 4830	Field Education (3 APL)	3
ENV 3950	AuSable Institute courses	4

**GRADUATION REQUIREMENTS**

To receive a degree, each student must satisfy checksheet requirements, earn 120 credit hours, fulfill 12 credits of Applied Learning, 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.

*It is strongly encouraged that a minimum of 6 Applied Learning credits be earned in experiential education taking place outside the traditional classroom setting.*

**IS A MINOR REQUIRED WITH THIS MAJOR? YES**

Notes about this major:

**CHECKSHEET TOTAL CREDITS: 90**  
**CHECKSHEET TOTAL APL: 14**  
**TOTAL CREDITS NEEDED TO GRADUATE: 120 (12 APLs)**

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

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