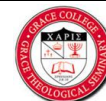


2026-2027

## 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 |
| @ ENV 3210 | Aquatic Ecology        | 4 |
| @ ENV 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, a 2.0 GPA in minor 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.