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

The Grace Core is designed around four essential relationships. Though all courses engage most relationships, courses are organized according to the relationship that is their primary focus.

#### Relationship to God
- BIB 1050 Exploring the Bible
- @ BIB 2010 Scripture and Interpretation
- @ BIB 3300 Essential Doctrinal Themes

#### Relationship to Others
- COM 1100 Public Speaking
- ENG 1100 Effective Writing
- PSY 1200 Essentials in Behavioral Science

#### Relationship to Self
- FYE 1000 Freshman Foundations
- ECN 3000 Consumer Economics
- @ PHI 3010 Christianity and Critical Thinking

#### Relationship to the World and Environment
- HIS 1380 Contemporary America and the World
- HUM 2000 Global Perspectives
- HUM 2010-30 Cross-Cultural Field Experience (2 APL)
- SCI 2030 Faith, Science, and Reason

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

<table>
<thead>
<tr>
<th>Satisfies B.S. Degree</th>
<th>Satisfies B.A. Degree</th>
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<tbody>
<tr>
<td>MAT 3200 Probability and Statistics</td>
<td>FRE/SPA Proficiency in Language &amp; Culture</td>
</tr>
<tr>
<td>PSY 1100 Introduction to Psychology</td>
<td>GRE/HEB French, Spanish, Greek, Hebrew</td>
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### THE MAJOR (49 credits; 11 APLs)

#### REQUIRED SCIENCE COURSES
- BIO 1610 General Biology I
- BIO 1620 General Biology I Lab (1 APL)
- @ BIO 1710 General Biology II
- @ BIO 1720 General Biology II Lab (1 APL)
- BIO 2100 Health Sciences Seminar
- ENV 2110 General Ecology
- ENV 2120 General Ecology Lab (2 APL)
- @ BIO 3110 Cell and Molecular Biology
- @ BIO 3210 Advanced Anatomy & Physiology I
- @ BIO 3220 Advanced Anatomy & Physiology I lab (1 APL)
- @ BIO 3310 Advanced Anatomy & Physiology II
- @ BIO 3320 Advanced Anatomy & Physiology II lab (1 APL)
- @ BIO 4110 Microbiology
- @ BIO 4120 Microbiology Lab (1 APL)
- @ BIO 4210 Genetics
- @ BIO 4010 Senior Seminar (1 APL)

#### REQUIRED MATHEMATICS/PHYSICAL SCIENCES
- MAT 1230 Calculus I
- MAT 1240 Calculus I Lab (1 APL)
- @ PHY 2140 College Physics I
- @ PHY 2150 College Physics I Lab (1 APL)

#### REQUIRED BUSINESS COURSE
- BUS 2230 Economics

#### ELECTIVE SCIENCE/MATHEMATICS COURSE/LAB
- Choose one of the following:
  - @ PHY 2160/2170 College Physics II + Lab (1 APL)
  - @ MAT 1250/1260 Calculus II + Lab (1 APL)

### 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

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

### A CHEMISTRY MINOR IS REQUIRED WITH THIS CONCENTRATION

(adds 19 credits and 4 APL)

*In addition to 3 hours of math for BS degree, if chosen

**CHECKSHEET TOTAL CREDITS: 94**

**CHECKSHEET TOTAL APL: 13**

**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.