## B.A. or B.S. HEALTH SCIENCE - MEDICINE CONCENTRATION

### 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.

<table>
<thead>
<tr>
<th>Relationship to God</th>
<th>Relationship to Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIB 1050 Exploring the Bible</td>
<td>COM 1100 Public Speaking</td>
</tr>
<tr>
<td>@ BIB 2010 Scripture and Interpretation</td>
<td>ENG 1100 Effective Writing</td>
</tr>
<tr>
<td>@ BIB 3300 Essential Doctrinal Themes</td>
<td>PSY 1200 Essentials in Behavioral Science</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Relationship to Self</th>
<th>Relationship to the World and Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYE 1000 Freshman Foundations</td>
<td>HIS 1380 Contemporary America and the World</td>
</tr>
<tr>
<td>ECN 3000 Consumer Economics</td>
<td>HUM 2000 Global Perspectives</td>
</tr>
<tr>
<td>@ PHI 3010 Christianity and Critical Thinking</td>
<td>HUM 2010-30 Cross-Cultural Field Experience (2 APL)</td>
</tr>
<tr>
<td></td>
<td>SCI 2030 Faith, Science, and Reason</td>
</tr>
</tbody>
</table>

### 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>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 3200 Probability and Statistics</td>
<td>3 FRE/SPA Proficiency in Language &amp; Culture</td>
</tr>
<tr>
<td>SOC 1100 Introduction to Sociology</td>
<td>3 GRE/HEB French, Spanish, Greek, Hebrew</td>
</tr>
</tbody>
</table>

### THE MAJOR (41 credits; 9 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 4210 Genetics
- @ BIO 4010 Senior Seminar (1 APL)

#### REQUIRED MATHEMATICS/PHYSICAL SCIENCES*

- 4 @ PHY 2140 College Physics I
- 0 @ PHY 2150 College Physics I Lab (1 APL)
- 4 @ PHY 2160 College Physics II
- 0 @ PHY 2170 College Physics II Lab (1 APL)
- 1 MAT 1230 Calculus I
- 4 MAT 1240 Calculus I Lab (1 APL)

#### REQUIRED BEHAVIORAL SCIENCE

- 3 PSY 1100 Introduction to Psychology

#### ELECTIVE SCIENCE COURSE/LAB

Choose one of the following:
- @ BIO 3210/3220 Advanced Anatomy & Physiology I + lab (1 APL)
- @ BIO 3310/3320 Advanced Anatomy & Physiology II + (1 APL)
- @ BIO 4110/4120 Microbiology + 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 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.

### 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: 86

CHECKSHEET TOTAL APL: 11

TOTAL CREDITS NEEDED TO GRADUATE: 120 (12 APLs)

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

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