# 2017-2018

## B.A. or B.S. HEALTH SCIENCE

### GRACE CORE (39 credits)

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 3
- 1 BIB 2010 Scripture and Interpretation 3
- BIB 3300 Essential Doctrinal Themes 3

#### Relationship to Self
- 2 FYE 1010 Freshman 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
- 3 PSY 1200 Essentials in Behavioral Science 3

#### Relationship to the World and the Environment
- HIS 1380 Contemporary America and the World 3
- 4 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, & Reason 3

### ADDITIONAL GENERAL EDUCATION (6 credits)

**Option 1:** Language proficiency - toward a BA degree
- CHI/FRE/SPA Proficiency Language & Culture 6
- GRE/HEB Biblical Languages

**~OR~**

**Option 2:** Math and Science/Social Science-toward a BS degree
- MAT 1000+ Any Math (1000 Level or Above) 3
- Any science/social science with the following course prefix:
  - PSY, BHS, SOC, ECN, HIS, POS, GEO 3

1 First Year Spring B
2 First Year Fall A
3 First Year Fall B
4 First Year Spring A
5 Must take science or social science course outside of major

@ Indicates a course with prerequisites
Please review catalog for prerequisites

### REQUIRED SCIENCE COURSES (33 credits)

- BIO 1610 General Biology I 4
- BIO 1620 General Biology I Lab (1 APL) 0
- 1 BIO 1710 General Biology II 4
- 1 BIO 1720 General Biology II Lab (1 APL) 0
- BIO 2100 Health Sciences Seminar 1
- ENV 2110 General Ecology 4
- ENV 2120 General Ecology Lab (2 APL) 0
- 1 BIO 2310 Biochemistry 3
- BIO 3110 Cell and Molecular Biology 3
- 1 BIO 4210 Genetics 3
- 1 BIO 4010 Senior Seminar (1 APL) 3
- 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

### CHOOSE TWO OF THESE COURSE/LABS (8 credits)

- PHY 2510/2520 Physics I + Lab (1 APL) 4
- PHY 2610/2620 Physics II + Lab (1 APL) 4
- CHM 2610/2620 Organic Chemistry I + Lab (1 APL) 4
- CHM 2710/2720 Organic Chemistry II + Lab (1 APL) 4

### CHOOSE ONE OF THESE COURSE/LABS (4 credits)

- BIO 3210/3220 Advanced Anat & Phys I + lab (1 APL) 4
- BIO 3310/3320 Advanced Anat & Phys II + lab (1 APL) 4
- BIO 4110/4120 Microbiology + Lab (1 APL) 4

### CHOOSE ONE OF THESE COURSE/LABS + (3-4 Credits)

- MAT 1230/1240 Calculus I + Lab (1 APL) 4
- MAT 3200 Probability and Statistics 3

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

### TOTAL MAJOR HOURS: 48-49

PRE-PROFESSIONAL CONCENTRATION SELECTION REQUIRED

MINOR REQUIRED: NO (courses may include Chemistry minor)

APPLIED LEARNING: 12/12

### TOTAL CREDITS TO GRADUATE: 120

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.