2019-2020
B.A. or B.S. HEALTH SCIENCE - VETERINARY 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.

**Relationship to God**
- **BIB 1050** Exploring the Bible 3
- **@ BIB 2010** Scripture and Interpretation 3
- **@ BIB 3300** Essential Doctrinal Themes 3

**Relationship to Others**
- **COM 1100** Public Speaking 3
- **ENG 1100** Effective Writing 3
- **PSY 1200** Essentials in Behavioral Science 3

**Relationship to Self**
- **FYE 1000** Freshman Foundations 3
- **ECN 3000** Consumer Economics 3
- **@ PHI 3010** Christianity and Critical Thinking 3

**Relationship to the World and Environment**
- **HIS 1380** Contemporary America and the World 3
- **HUM 2000** Global Perspectives 3
- **HUM 2010-30** Cross-Cultural Field Experience (2 APL) 0
- **HUM 2100** Creative Arts and Culture 3
- **SCI 2030** Faith, Science, and Reason 3

**ADDITIONAL GENERAL EDUCATION--B.A. or B.S. DEGREE (6 credits)**

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<tr>
<th>Satisfies B.S. Degree</th>
<th>Satisfies B.A. Degree</th>
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<tr>
<td>MAT 1000+ Any Math (1000 Level and Above)</td>
<td>3 FRE/SPA Proficiency in Language &amp; Culture 6</td>
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<tr>
<td>PSY 1100 Introduction to Psychology</td>
<td>3 GRE/HEB French, Spanish, Greek, Hebrew</td>
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**THE MAJOR (37 credits; 8 APLs)**

**REQUIRED SCIENCE COURSES**
- **BIO 1610** General Biology I 4
- **BIO 1620** General Biology I Lab (1 APL) 0
- **@ BIO 1710** General Biology II 4
- **@ 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
- **@ BIO 3110** Cell and Molecular Biology 3
- **@ BIO 4110** Microbiology 4
- **@ BIO 4120** Microbiology Lab (1 APL) 0
- **@ BIO 4210** Genetics 3
- **@ BIO 4010** Senior Seminar (1 APL) 3

**REQUIRED MATHEMATICS/PHYSICAL SCIENCES**
- **@ PHY 2140** College Physics I 4
- **@ PHY 2150** College Physics I Lab (1 APL) 0
- **@ PHY 2160** College Physics II 4
- **@ PHY 2170** College Physics II Lab (1 APL) 0
- **MAT 3200** Probability and Statistics 3

**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: 82**

**TOTAL CREDITS NEEDED TO GRADUATE: 120 (12 APLs)**

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.

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

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