

# Applied Biological Health Sciences Concentration

## Bachelor of Science in Natural Science

***All classes are 3 units unless otherwise specified. 127 units are required to graduate.***

<p style="text-align: center;"><b>Natural Science Core Courses (26 units)</b></p> <p>BIO 105 &amp; 105L General Biology I with Lab (4)            BIO 110 &amp; 110L General Biology II with Lab (4)            CHEM 105 &amp; 105L General Chemistry I with Lab (4)            CHEM 110 &amp; 110L General Chemistry II with Lab (4)            MTH 105 Statistics            MTH 110 Calculus I            PHY 105 &amp; 105L Physics I with Lab (4)</p>	<p style="text-align: center;"><b>Applied Biological Health Sciences Concentration (38 units)</b></p> <p>BIO 225 Genetics and Genomes            BIO 305 &amp; 305L Human Physiology and Anatomy I with Lab (4)            BIO 310 &amp; 310L Human Physiology and Anatomy II with Lab (4)            BIO 345 &amp; 345L Microbiology of Disease with Lab (4)            BIO 425 Cell Biology            BIO 430 Neuroscience            CHE 215 &amp; 215L Organic Chemistry with Lab (4)            CHE 300 &amp; 300L Biochemistry I with Lab (4)            MTH 210 Calculus II            HUM 498 Capstone 1: Research            BIO 496 Senior Thesis</p>
<p style="text-align: center;"><b>Concentration-Related Electives (6 units)</b></p> <p style="text-align: center;"><b><i>Choose from the courses below in consultation with your faculty advisor</i></b></p> <p>BIO 230 Zoology            BIO 240 Global Ecology            KIN 215 Fundamentals of Nutrition            PH 200 Epidemiology            PSY 150 Introductory Psychology            PSY 250 Physiological Correlates of Human Behavior            PSY 320 Applied Cognition            PSY 330 Developmental Psychology            PSY 345 Social Psychology</p>	<p style="text-align: center;"><b>Other Electives (6 units)</b></p> <p style="text-align: center;">See the course catalog and meet with your faculty advisor to review options that fit your interests and career aspirations.</p>
<p style="text-align: center;"><b>Integrated Core (18 units)</b></p> <p>INT 100 Interdisciplinary Liberal Studies            INT 200 Classical Rhetoric            INT 205 Byzantine Studies            INT 300 Ethics            INT 310 Modern European Thought &amp; Culture            INT 350 The American Experiment</p>	<p style="text-align: center;"><b>General Education (33 units)</b></p> <p>COM 105 Oral Communication            CSS 100 College Success Strategies            ECO 100 Introduction to Economics            MTH 100 College Algebra            THE 100 &amp; THE 110 Christianity and the Bible            WRI 100 &amp; WRI 105 College Composition            Foreign Language (3 semesters)</p>