

## **BACHELOR OF SCIENCE IN HEALTH STUDIES: GERONTOLOGY EMPHASIS**

The Department of Natural Sciences offers a major in health studies with an emphasis in gerontology that is suitable for students interested in a wide range of health-related careers or in a pre-professional course of study. It is important to note that many health careers require specific licensing or certification that may be required as well, and which is often obtained during pre-professional study after the undergraduate degree. Upon completion of this degree, students will be able to

- Demonstrate deep understanding of scientific knowledge sufficient to succeed in professional programs (such as medical school), pursue graduate study in biology, or work in a biological field.
- Demonstrate their knowledge and critical thinking skills by using their scientific knowledge to analyze complex scientific data related to research results and to solve complex scientific problems.
- Interpret models of complex biological data and identify flaws and limitations.
- Create their own experiments to address or investigate issues raised by existing research.

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### **General Education Requirements (45 hrs.)**

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#### **Biblical World (6hrs.)**

The Biblical Story .....	3 hrs.
The Christian Worldview.....	3 hrs.

#### **The Cultural World (15 hrs.)**

English Composition I & II.....	6 hrs.
World Literature I or II .....	3 hrs.
Humanities Elective (choose two) .....	6 hrs.
<i>(any appreciation course, philosophy, or speech)</i>	

#### **The Social World (9 hrs.)**

American History & Politics.....	3 hrs.
<i>(US History Before or Since 1865 or American Govt)</i>	
The West & Global Cultures.....	3 hrs.
<i>(Western Civ I or II or World Geography)</i>	
Social Sciences.....	3 hrs.
<i>(Sociology, government, psychology, or economics)</i>	

#### **The Natural World (15 hrs.)**

Health & Physical Education .....	4 hrs.
<i>(one hour must be physical activity)</i>	
Mathematics.....	3 hrs.
<i>(College Algebra or higher, excluding Contemporary Math)</i>	
Bio Science/Lab or Prin of Biology I .....	4 hrs.
General Chemistry I.....	4 hrs.

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### **Business Core Requirement (12 hrs.)**

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Consumer Finance .....	3 hrs.
Microeconomics.....	3 hrs.
Upper-level Business Electives.....	6 hrs.

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### **Christian Ministry Core Requirement (15 hrs.)**

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Intro to Christian Ministry.....	3 hrs.
Biblical Interpretation.....	3 hrs.
Christian Ethics .....	3 hrs.
Upper-level Ministry Electives.....	6 hrs.

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### **Health & PE Core Requirement (14 hrs.)**

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Concepts of Athletic Injuries.....	3 hrs.
Exercise Physiology .....	3 hrs.
Motor Skills for Dev. Child.....	3 hrs.
Adaptive Physical Ed. ....	3 hrs.
Kinesiology .....	3 hrs.

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### **Natural Sciences Core Requirement (15-16 hrs.)**

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Intro to Health/Science Careers.....	3 hrs.
Health Studies Seminar .....	2 hrs.
Internship.....	3 hrs.
Natural Science Electives.....	9-10 hrs.
<i>(Electives must include BS 2113, HS 2013, or HS 1003)</i>	

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### **Psychology Core Requirement (9 hrs.)**

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Abnormal Psychology .....	3 hrs.
Adult Development & Aging .....	3 hrs.
Abuse.....	3 hrs.
<i>(Other courses may be substituted with permission)</i>	

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### **General Electives (9-10 hrs.)**

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Upper-Level Electives.....	9-10 hrs.
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**Total Required Hours: 120**