

**Degree Requirements**  
**Bachelor of Science in Human Biology**  
(credit hours in parentheses)

**LOWER DIVISION COURSE REQUIREMENTS (63 credit hours)**

English Composition & Rhetoric I (3)  
English Composition & Rhetoric II (3)  
American History I (3)  
American History II/Texas History (3)  
U.S. Government I (3)  
U.S. Government II/Texas Government (3)  
Psychology (3)  
Sociology (3)  
College Algebra (3)  
College Trigonometry/Precalculus/Calculus/Statistics (3)  
\*General Biology I/Anatomy & Physiology I (3)  
\*General Biology II/Anatomy & Physiology II/Zoology (3)  
\*General Chemistry I (3)  
\*General Chemistry II (3)  
\*Organic Chemistry I (3)  
\*Organic Chemistry II (3)  
\*College Physics I or II (3)  
College Physics I or II w/lab/Kinesiology/Exercise Phys./Biomechanics/Statistics (3)  
Elective from humanities or social sciences (3)  
Visual or Performing Arts (3)  
Computer Science (3)

\* Course must include a lab

**UPPER DIVISION COURSE REQUIREMENTS (76.5 credit hours)**

**Anatomy**

Histology (5)  
Gross Human Anatomy I (7)  
Human Embryology (2)  
Gross Human Anatomy II (7)  
Human Neuroanatomy (5)

**Physiology**

Cellular & Cardiovascular Physiology (5)  
Endocrine and Neurophysiology (5)  
Renal/Respiratory/Gastroenteric Phys. (5)

**Microbiology**

General Microbiology (3.5)  
Pathogenic Microbiology (3)  
Immunology (2)

**Chemistry**

Human Biochemistry (6)

**Pathology**

General Pathology (6)  
Systems Pathology I (6)  
Systems Pathology II (3)

**Science Electives**

**(6 credit hours from this list)**

Spinal Anatomy (3)  
Spinal Biomechanics (2)  
Lower Extremity Biomechanics (2)  
Upper Extremity Biomechanics (2)  
Public Health & Hygiene (2)