

Lower Division Courses (74 credits total)	
Communications (See General Education Requirements) Credit Hours: 9	
Humanities (See General Education Requirements) Credit Hours: 6	
Social and Behavioral Sciences (See General Education Requirements) Credit Hours: 9	
ENC 2210 - Technical Report Writing Credit Hours: 3	
PHY 2053C - General Physics I Credit Hours: 4	
PHY 2054C - General Physics II Credit Hours: 4	
BSC 2085C - Human Anatomy and Physiology I Credit Hours: 4	
BSC 2086C - Human Anatomy and Physiology II Credit Hours: 4	
BSC 2010C - Principles of Biology I Credit Hours: 4	
BSC 2011C - Principles of Biology II Credit Hours: 4	
CHM 2045C - General Chemistry and Qualitative Analysis I Credit Hours: 4	
CHM 2046C - General Chemistry and Qualitative Analysis II Credit Hours: 4	
CHM 2210C - Organic Chemistry I Credit Hours: 4	
CHM 2211C - Organic Chemistry II Credit Hours: 4	
MAC 2311 - Calculus with Analytical Geometry I Credit Hours: 4	
STA 2023 - Elementary Statistics Credit Hours: 3	
Or	
MAC 2312 - Calculus with Analytical Geometry II* Credit Hours: 4	
Biomedical Sciences Upper Division Core (32 credits total)	
MCB 3020C - Basic Biology of Microorganisms Credit Hours: 4	
BCH 4024 - Introduction to Biochemistry and Molecular Biology Credit Hours: 4	
PCB 3023C - Cell Biology Credit Hours: 4	
PCB 3063C - Genetics and Molecular Biology Credit Hours: 4	
CHM 3130C - Chemistry Instrumentation Credit Hours: 4	
HSC 4730 - Health Science Research Credit Hours: 3	
HSA 3113 - Health Care Trends and Issues Credit Hours: 3	
HSC 4653 - Ethical Issues in Health Sciences Credit Hours: 3	
IDS 4936 - Biomedical Degree Capstone Credit Hours: 3	
Students choose either Biological Sciences or Biochemistry as a concentration. (Concentrations are 14 credits of upper level coursework in a designated track and should be selected based on student interest and career goals.)	
Upper Division Biological Sciences Concentration (Choose 14 credits)	
MCB 4404 - Microbial Physiology and Genetics Credit Hours: 3	
ZOO 3713C - Comparative Vertebrate Anatomy (only if not taken in place of BSC 2086C) Credit Hours: 4	
MCB 4503 - Virology Credit Hours: 3	
PCB 3713C - General Physiology Credit Hours: 4	
BSC 4933 - Selected Topics in Biological Sciences (may be repeated with different topics up to 3 times) Credit Hours: 3	
Upper Division Biochemistry Concentration (choose 14 credits)	
BCH 4034C - Advanced Biochemistry Credit Hours: 4	
CHM 3120C - Elementary Analytical Chemistry Credit Hours: 4	
CHM 4410 - Physical Chemistry I Credit Hours: 3	
CHM 4411 - Physical Chemistry II Credit Hours: 3	
CHM 4932 - Selected Topics in Chemistry (may be repeated with different topics up to 3 times) Credit Hours: 3	
Total	120 credits