

# PRE-MEDICAL (BS)

The following requirements are in addition to the Bachelor of Science core requirements, found here (<https://catalog.cornerstone.edu/undergraduate/cornerstone-core/>). (requires a Chemistry minor (<https://catalog.cornerstone.edu/undergraduate/health-science-technology/chemistry-minor/>))

## Required Courses

Code	Title	Hours
<b>Biology Core Courses</b>		
BIO-151	GENERAL BIOLOGY	4
BIO-233	ZOOLOGY	4
BIO-241	ANATOMY AND PHYSIOLOGY I	4
BIO-242	ANATOMY & PHYSIOLOGY II	4
BIO-351	GENETICS	4
BIO-352	MICROBIOLOGY	4
BIO-400	CAPSTONE SEMINAR: BIOETHICS & ARGUMENT	3
BIO-451	MOLECULAR CELL BIOLOGY	4
SCI-361	EVOLUTION & ORIGINS	3
SCI-380	INTERNSHIP	3
SCI-495	SENIOR RESEARCH PROJECT	1
SCI-496	SENIOR RESEARCH SEMINAR	1
<b>Pre-Medical</b>		
CHM-233	ORGANIC CHEMISTRY II LAB	2
CHM-472	BIOCHEMISTRY	4
Choose one of the following:		3-4
BIO-347	INTRO TO NUTRITION	
BIO-353	PATHOPHYSIOLOGY	
BIO-431	VERTEBRATE ZOOLOGY	
KIN-341	ANATOMICAL KINESIOLOGY	
KIN-342	EXERCISE PHYSIOLOGY	
KIN-346	EXERCISE TESTING & PRESCRIPTION	
SCI-423	NEUROSCIENCE	
SCI-346	PHARMACOLOGY	
<b>Required Cognates <sup>1</sup></b>		
MAT-151	STATISTICS	3
or BIO-121	BIOSTATISTICS	
PHY-211	GENERAL PHYSICS I	4
PHY-212	GENERAL PHYSICS II	4
Choose one of the following:		3-5
MAT-121	COLLEGE ALGEBRA	
MAT-122	PRE-CALCULUS	
MAT-131	CALCULUS I	
<b>Required Chemistry Minor</b>		
Chemistry minor courses		18
<b>Total Hours</b>		<b>80-83</b>

<sup>1</sup> A cognate is a course that supports the success of completing the major program.