

Health Sciences/Medical Biology Major

Bachelor of Arts

2024-2025 Degree Plan

Core Curriculum 49 Credits

BIB 434	Romans	3
BIB/THE	Bible Theology Elective (300-400 level)	3
CHM 122	The Great Commandment	3
CHM 301	Spiritual and Leadership Development	3
CHM 328	The Great Commission	3
ENG 131	English Composition	3
ENG 132	Writing and Literature	3
HIS 135X	Old Testament History	3
HIS 136X	New Testament History	3
MAT 226	Applied Statistics	3
SCI 243	General Biology I	4
THE 231	Christian Doctrine	3
COM 140 COM 252	Perspectives in Communication or Interpersonal Communication	3
FAR/MUS HON 225	Fine Arts Elective or Beauty: Art and Culture	3
HIS 133 HIS 134 HIS 231 HIS 232	World Civilization to 1500 or World Civilization since 1500 or American Civilization to 1877 or American Civilization since 1877	3
PSY 130 SOC 230	General Psychology or Sociology	3

Electives 15 Credits

* Students should work closely with an advisor to determine the science electives best suited to their area of medical interest. Electives could include: SCI 250 - Genetics, SCI 312 - Pathophysiology, SCI 326 - Biomechanics, SCI 350 - Science Internship I, SCI 359 - Microbiology, SCI 379 - Exercise Physiology, SCI 415 - Cell Biology, or SCI 437 - Biochemistry.

A minimum of 36 credits must be at the upper (300-400) level for a bachelor degree.

Health Sciences/Medical Bio. 61 Credits

MAT 243	Calculus I	4
SCI 219	Medical Terminology	3
SCI 244	General Biology II	4
SCI 245	General Chemistry I	4
SCI 246	General Chemistry II	4
SCI 247	Physics I	4
SCI 248	Physics II	4
SCI 261	Human Anatomy and Physiology I	4
SCI 262	Human Anatomy and Physiology II	4
SCI 435	Organic Chemistry I	4
SCI 436	Organic Chemistry II	4
SCI 441	Senior Science Seminar	3
SCI	Science Electives (300-400 level)*	15

All major core classes must be completed with a grade of C or higher.

Total Credits 125 Credits

Core Curriculum	49
Electives	15
Sciences/Medical Biology Major	61

Total Credits Required for Graduation 125

Health Sciences/Medical Biology Major

Four Year Plan

Freshman			Freshman		
Fall (13-14 credits)			Spring (16-17 credits)		
CHM 122	The Great Commandment	3	PSY 130	General Psychology or	
ENG 131	English Composition	3	SOC 230	Sociology	3
SCI 243	General Biology I	4	ENG 132	Writing and Literature	3
SCI 245	General Chemistry I (odd) or		HIS 136X	New Testament History	3
SCI 219	Medical Terminology (even)	3-4	SCI 244	General Biology II	4
			SCI 246	General Chemistry II (even) or	
			FAR/MUS	Fine Arts Elective (odd) or	
			HON 225	Beauty: Art and Culture (odd)	3-4

Sophomore			Sophomore		
Fall (14-15 credits)			Spring (14-15 credits)		
HIS 135X	Old Testament History	3	CHM 328	The Great Commission	3
SCI 261	Human Anatomy and Physiology I	4	SCI 262	Human Anatomy and Physiology II	4
SCI 245	General Chemistry I (odd) or		SCI 246	General Chemistry II (even) or	
SCI 219	Medical Terminology (even)	3-4	FAR/MUS	Fine Arts Elective (odd) or	
SCI 247	Physics I (odd) or		HON 225	Beauty: Art and Culture (odd)	3-4
SCI 435	Organic Chemistry I (even)	4	SCI 248	Physics II (even) or	
			SCI 436	Organic Chemistry II (odd)	4

Junior			Junior		
Fall (17 credits)			Spring (17 credits)		
HIS 133	World Civilization to 1500 or		CHM 301	Spiritual and Leadership	
HIS 134	World Civilization since 1500 or			Development	3
HIS 231	American Civilization to 1877 or		COM 140	Perspectives in Communication or	
HIS 232	American Civilization since 1877	3	COM 252	Interpersonal Communication	3
MAT 226	Applied Statistics	3	Elective	General Elective	3
SCI	Science Elective (300-400 level)	4	MAT 243	Calculus I (even) or	
THE 231	Christian Doctrine	3	SCI	Science Elective (300-400 level)	
SCI 247	Physics I (odd) or			(odd)	4
SCI 435	Organic Chemistry I (even)	4	SCI 248	Physics II (even) or	
			SCI 436	Organic Chemistry II (odd)	4

Senior			Senior		
Fall (16 credits)			Spring (16 credits)		
BIB/THE	Bible or Theology Elective		BIB 434	Romans	3
	(300-400 level)	3	SCI 441	Senior Science Seminar	3
SCI	Science Electives (300-400 level)	7	Electives	General Electives	6
Electives	General Electives	6	MAT 243	Calculus I (even) or	
			SCI	Science Elective (300-400 level)	
				(odd)	4