

Biology Major

Bachelor of Science

2024-2025 Degree Plan

Core Curriculum 50 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
SCI 243	General Biology I	4
SCI 244	General Biology II	4
THE 231	Christian Doctrine	3
COM 140	Perspectives in Communication or	
COM 252	Interpersonal Communication	3
FAR/MUS	Fine Arts Elective or	
HON 225	Beauty: Art and Culture	3
HIS 133	World Civilization to 1500 or	
HIS 134	World Civilization since 1500 or	
HIS 231	American Civilization to 1877 or	
HIS 232	American Civilization since 1877	3
PSY 130	General Psychology or	
SOC 230	Sociology	3

Electives 23 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 312 - Pathophysiology, SCI 326 - Biomechanics, SCI 350 - Science Internship I, SCI 359 - Microbiology, SCI 379 - Exercise Physiology, SCI 415 - Cell Biology, SCI 436 - Organic Chemistry II, or SCI 437 - Biochemistry .

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

Biology Major 52 Credits

SCI 300	Ecology	4
SCI 245	General Chemistry I	4
SCI 246	General Chemistry II	4
SCI 250	Genetics	4
SCI 435	Organic Chemistry I	4
SCI 441	Senior Science Seminar	3
SCI	Science Electives (300-400 level)*	23

Choose 2 of the following Math options.

MAT 131	College Algebra	3
MAT 226	Applied Statistics	3
MAT 243	Calculus I	4

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

Total Credits 125 Credits

Core Curriculum	50
Electives	23
Biology Major	52

Total Credits Required for Graduation 125

Biology Major

Four Year Plan

Freshman		Fall (13 credits)	Freshman		Spring (16 credits)
HIS 135X	Old Testament History or		HIS 135X	Old Testament History or	
HIS 136X	New Testament History	3	HIS 136X	New Testament History	3
CHM 122	Great Commandment	3	ENG 132	Writing and Literature	3
ENG 131	English Composition	3	HIS 133	World Civilization to 1500 or	
SCI 243	General Biology I	4	HIS 134	World Civilization since 1500 or	
			HIS 231	American Civilization to 1877 or	
			HIS 232	American Civilization since 1877	3
			SCI 244	General Biology II	4
			PSY 130	General Psychology or	
			SOC 230	Sociology	3
Sophomore		Fall (16-17 credits)	Sophomore		Spring (17-18 credits)
COM 140	Perspectives in		CHM 328	Great Commission	3
	Communication (even) or		MAT	Math Elective	3-4
COM 252	Interpersonal Communication		SCI	Science Elective (300-400 level)	4
	(even) or		Elective	General Elective	3
SCI 245	General Chemistry I (odd)	3-4	SCI 246	General Chemistry II (even) or	
FAR/MUS	Fine Arts Elective or		SCI 250	Genetics (odd)	4
HON 225	Beauty: Art and Culture	3			
MAT	Math Elective	3-4			
SCI 300	Ecology	4			
THE 231	Christian Doctrine	3			
Junior		Fall (14-15 credits)	Junior		Spring (17 credits)
CHM 301	Spiritual and Leadership		BIB/THE	Bible or Theology Elective	
	Development	3		(300-400 level)	3
SCI	Science Elective (300-400 level)	4	SCI	Science Elective (300-400 level)	4
COM 140	Perspectives in		Electives	General Electives	6
	Communication (even) or		SCI 246	General Chemistry II (even) or	
COM 252	Interpersonal Communication		SCI 250	Genetics (odd)	4
	(even) or				
SCI 245	General Chemistry I (odd)	3-4			
SCI 435	Organic Chemistry I (even) or				
SCI	Science Elective (300-400 level)				
	(odd)	4			
Senior		Fall (17 credits)	Senior		Spring (14 credits)
SCI 435	Organic Chemistry I (even) or		BIB 434	Romans	3
SCI	Science Electives		SCI 441	Senior Science Seminar	3
	(300-400 level) (odd)	4	SCI	Science Elective (300-400 level)	3
SCI	Science Elective (300-400 level)	4	Electives	General Electives	5
Electives	General Electives	9			