

Biology Major

Bachelor of Science

2026-2027 Degree Plan

Core Curriculum 49 Credits

BIB 461	Corinthians Correspondence	3
BIB/THE	Bible or Theology Elective (300-400 level)	3
BIO 143	General Biology I	3
BIO 143L	General Biology I Lab	1
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
THE 231	Christian Doctrine	3
COM 133	Speech or	
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 18 Credits

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

* Students should work closely with an advisor to determine the science electives best suited to their area of interest. Choose from BIO, CHE or SCI classes.

Biology Major 58 Credits

BIO 144	General Biology II	3
BIO 144L	General Biology II Lab	1
BIO 262	Genetics	3
BIO 262L	Genetics Lab	1
BIO 321	Microbiology	3
BIO 321L	Microbiology Lab	1
BIO 351	Ecology	3
BIO 351L	Ecology Lab	1
BIO 380	Bioethics	3
BIO 486	Senior Science Seminar	3
BIO/CHE	Science Elective (300-400 level)	8*
CHE 261	General Chemistry I	3
CHE 261L	General Chemistry I Lab	1
CHE 262	General Chemistry II	3
CHE 262L	General Chemistry II Lab	1
CHE 307	Organic Chemistry I	3
CHE 307L	Organic Chemistry I Lab	2
MAT 131	College Algebra or	
MAT 141	Pre-Calculus	3
MAT 243	Calculus I	4
PHY 225	Physics I	3
PHY 225L	Physics I Lab	1
PHY 226	Physics II	3
PHY 226L	Physics II Lab	1

All Biological and Health Sciences Department classes must be completed with a grade of C or higher.

Total Credits 125 Credits

Core Curriculum	49
Electives	18
Biology Major	58

Total Credits Required for Graduation 125

Biology Major

Four Year Plan

Freshman

Fall (16-17 credits)

BIB 135X	Old Testament History or	
BIB 136X	New Testament History	3
BIO 143	General Biology I	3
BIO 143L	General Biology I Lab	1
ENG 131	English Composition	3
MAT 131	College Algebra or	
MAT 141	Pre-Calculus	3
Even Year Courses		
FAR/MUS	Fine Arts Elective or	
HON 225	Beauty: Art and Culture	3
Odd Year Courses		
CHE 261	General Chemistry I	3
CHE 261L	General Chemistry I Lab	1

Sophomore

Fall (15 credits)

BIO 321	Microbiology	3
BIO 321L	Microbiology Lab	1
THE 231	Christian Doctrine	3
Even Year Courses		
CHE 307	Organic Chemistry I	3
CHE 307L	Organic Chemistry I Lab	2
FAR/MUS	Fine Arts Elective or	
HON 225	Beauty: Art and Culture	3
Odd Year Courses		
CHE 261	General Chemistry I	3
CHE 261L	General Chemistry I Lab	1
PHY 225	Physics I	3
PHY 225L	Physics I Lab	1

Junior

Fall (14-15 credits)

CHM 301	Spiritual and Leadership Development	3
COM 133	Speech or	
COM 140	Perspectives in Communication or	
COM 252	Interpersonal Communication	3
Even Year Courses		
BIO 351	Ecology	3
BIO 351L	Ecology Lab	1
CHE 307	Organic Chemistry I	3
CHE 307L	Organic Chemistry I Lab	2
Odd Year Courses		
BIO/CHE	Science Elective (300-400 level)	4
PHY 225	Physics I	3
PHY 225L	Physics I Lab	1

Senior

Fall (16 credits)

BIB/THE	Bible or Theology Elective (300-400 level)	3
Electives	General Electives	9
Even Year Courses		
BIO 351	Ecology	3
BIO 351L	Ecology Lab	1
Odd Year Courses		
BIO/CHE	Science Elective (300-400 level)	4

Freshman

Spring (16-17 credits)

BIB 135X	Old Testament History or	
BIB 136X	New Testament History	3
BIO 144	General Biology II	3
BIO 144L	General Biology II Lab	1
CHM 122	Great Commandment	3
ENG 132	Writing and Literature	3
Even Year Courses		
CHE 262	General Chemistry II	3
CHE 262L	General Chemistry II Lab	1
Odd Year Courses		
MAT 226	Applied Statistics	3

Sophomore

Spring (16-17 credits)

CHM 328	Great Commission	3
PSY 130	General Psychology or	
SOC 230	Sociology	3
Even Year Courses		
BIO 380	Bioethics	3
CHE 262	General Chemistry II	3
CHE 262L	General Chemistry II Lab	1
PHY 226	Physics II	3
PHY 226L	Physics II Lab	1
Odd Year Courses		
BIO 262	Genetics	3
BIO 262L	Genetics Lab	1
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
MAT 226	Applied Statistics	3

Junior

Spring (14 credits)

Electives	General Electives	3
Even Year Courses		
BIO 380	Bioethics	3
PHY 226	Physics II	3
PHY 226L	Physics II Lab	1
MAT 243	Calculus I	4
Odd Year Courses		
BIO 262	Genetics	3
BIO 262L	Genetics Lab	1
BIO/CHE	Science Elective (300-400 level)	4
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

Senior

Spring (16 credits)

BIB 461	Corinthians Correspondence	3
BIO 486	Senior Science Seminar	3
Electives	General Electives	6
Even Year Courses		
MAT 243	Calculus I	4
Odd Year Courses		
BIO/CHE	Science Elective (300-400 level)	4

