



BACHELOR OF SCIENCE IN BIOCHEMISTRY (PRE-HEALTH)

FRESHMAN - FALL SEMESTER

CHE 1113 & 1111	Inquiry: General Chemistry I & Lab	4
ENG 1113	Communication: English Composition I	3
MAT 1195	Reasoning: Calculus I	5
UNI 1111	Opportunities: University Seminar	1
DISCOVER	Communication: (Communication Options)	3
Total Credits		16

FRESHMAN - SPRING SEMESTER

UNI 1121	Reasoning: Introduction to Critical Thinking	1
DISCOVER	Communication: (Composition Options)	3
DISCOVER	Society: Introduction to Sociology	3
BIO 1003 & 1001	Principles of Biology & Lab	4
CHE 1123 & 1121	General Chemistry II & Lab	4
Total Credits		15

SOPHOMORE - FALL SEMESTER

BIB 1013	Values: Old Testament History	3
BIO 2204	Human Anatomy and Physiology I*	4
BIO 3324	Genetics	4
CHE 3304	Organic Chemistry I	4
Total Credits		15

SOPHOMORE - SPRING SEMESTER

BIB 1023	Values: New Testament History	3
BIO 3304	Human Anatomy and Physiology II*	4
BIO 4424	Cellular Biology	4
CHE 3314	Organic Chemistry II	4
Total Credits		15

JUNIOR - FALL SEMESTER

CHE 3323 or	Physical Chemistry or	3
ELECTIVE	Student Selection	
CHE 3364	Biochemistry	4
MAT 3343	Mathematical Statistics	3
PHY 1113 & 1111	General Physics I & Lab	4
Total Credits		14

JUNIOR - SPRING SEMESTER

PSY 1013	Discipline: General Psychology*	3
DISCOVER	Values: (Spiritual Formation Options)	2
CHE 3345 or	Analytical Chemistry or	5
CHE 4104	Biochemistry II	
PHY 1123 & 1121	General Physics II & Lab	4
	<i>Suggested: MCAT Prep Course</i>	
Total Credits		14

SENIOR - FALL SEMESTER

DISCOVER	Society: (American Studies Options)	3
DISCOVER	Values: (Cultural Awareness Options)	2
BIO/CHE 3012	Methods of Scientific Research	2
BIO 3314	Microbiology*	4
CHE 3323 or	Physical Chemistry or	4
ELECTIVE	Student Selection	
SCF 3402	Science through the Eyes of Faith	2
Total Credits		17

SENIOR - SPRING SEMESTER

DISCOVER	Enrichment: (Enrichment Options)	3
BIO 4404	Pathophysiology*	4
CHE 3345 or	Analytical Chemistry or	4
CHE 4104	Biochemistry II	
CHE 4412	Advanced Chemistry Lab	2
CHE 4471	Seminar in Chemistry	1
Total Credits		14

DISCOVER Core Curriculum

Student Selection: Open Choice, Second Major Courses, or Minor Courses

*Major Recommendation

Total Credits to Graduate: 120

Updated Spring 2025