



## BACHELOR OF SCIENCE IN BIOCHEMISTRY

### FRESHMAN - FALL SEMESTER

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

### FRESHMAN - SPRING SEMESTER

<b>UNI 1121</b>	<b>Reasoning: Introduction to Critical Thinking</b>	1
DISCOVER	Society: (American Studies Options)	3
DISCOVER	Communication: (Composition Options)	3
BIO 1003 & 1001	Principles of Biology & Lab	4
<b>CHE 1123 &amp; 1121</b>	<b>General Chemistry II &amp; Lab</b>	4
<b>Total Credits</b>	.....	<b>15</b>

### SOPHOMORE - FALL SEMESTER

BIB 1013	Values: Old Testament History	3
<b>BIO 3324</b>	<b>Genetics</b>	4
<b>CHE 3304</b>	<b>Organic Chemistry I</b>	4
ELECTIVE	Student Selection	3
<b>Total Credits</b>	.....	<b>14</b>

### SOPHOMORE - SPRING SEMESTER

BIB 1023	Values: New Testament History	3
<b>BIO 4424</b>	<b>Cellular Biology</b>	4
<b>CHE 3314</b>	<b>Organic Chemistry II</b>	4
CHOICE	Science Choice	4
<b>Total Credits</b>	.....	<b>15</b>

### JUNIOR - FALL SEMESTER

DISCOVER	Values: (Spiritual Formation Options)	2
<b>CHE 3323 or</b>	<b>Physical Chemistry or</b>	3
ELECTIVE	Student Selection	3
<b>CHE 3364</b>	<b>Biochemistry</b>	4
<b>MAT 3343</b>	<b>Mathematical Statistics</b>	3
PHY 1113 & 1111	<b>General Physics I &amp; Lab</b>	4
<b>Total Credits</b>	.....	<b>16</b>

### JUNIOR - SPRING SEMESTER

DISCOVER	Society: (Social Studies Options)	3
<b>CHE 3345 or</b>	<b>Analytical Chemistry or</b>	5
<b>CHE 4104</b>	<b>Biochemistry II</b>	5
PHY 1123 & 1121	<b>General Physics II &amp; Lab</b>	4
ELECTIVE	Student Selection	3
	<b>Suggested: MCAT Prep Course</b>	
<b>Total Credits</b>	.....	<b>15</b>

### SENIOR - FALL SEMESTER

DISCOVER	Discipline: (Discipline Options)	3
DISCOVER	Values: (Cultural Awareness Options)	2
<b>BIO/CHE 3012</b>	<b>Methods of Scientific Research</b>	2
<b>CHE 3323 or</b>	<b>Physical Chemistry or</b>	4
ELECTIVE	Student Selection	4
<b>SCF 3402</b>	<b>Science through the Eyes of Faith</b>	2
ELECTIVE	Student Selection	3
<b>Total Credits</b>	.....	<b>16</b>

### SENIOR - SPRING SEMESTER

DISCOVER	Enrichment: (Enrichment Options)	3
<b>CHE 3345 or</b>	<b>Analytical Chemistry or</b>	4
<b>CHE 4104</b>	<b>Biochemistry II</b>	4
<b>CHE 4412</b>	<b>Advanced Chemistry Lab</b>	2
<b>CHE 4471</b>	<b>Seminar in Chemistry</b>	1
ELECTIVE	Student Selection	3
<b>Total Credits</b>	.....	<b>13</b>

DISCOVER Core Curriculum

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

**Total Credits to Graduate: 120**

*Updated Spring 2025*