

## BS IN BIOMEDICAL LABORATORY SCIENCE PLAN OF STUDY

This is a sample of courses to take and graduate within four years. This plan assumes the student has taken three years of foreign language in high school.

Please [consult the online course catalog](#) for course prerequisites and course descriptions.

### YEAR ONE

<b>Fall</b>	<b>Credit</b>	<b>Spring</b>	<b>Credit</b>
BIOL 199/L: General Biology I – Foundations of Living Systems	4	BIOL 200/L: General Biology II – Functioning of Living Systems	4
CHEM 105/L: General Chemistry I	4	CHEM 106/L: General Chemistry II	4
MATH 171: Elementary Functions	3	100-level Theology	3
ENGL 101: English Composition	3	Oral Communication	3
NSS 101: New Student Seminar	1	IL 101: Information Literacy	1
BIOL 110: Laboratory Safety	1	Kinesiology – fitness	1
<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>16</b>

## YEAR TWO

<b>Fall</b>	<b>Credit</b>	<b>Spring</b>	<b>Credit</b>
BIOL 201/L: Diversity of Living Systems	4	BIOL 211/L: Introductory Microbiology	4
CHEM 207: Organic Chemistry I	3	WI-BIOL 300: Biological Literature & Communication	3
CHEM 209: Organic Chemistry Laboratory I	1	Medical terminology	1
Creative Arts	3	Social science (SOC 101 recommended)	3
100-level Philosophy	3	Humanities – History & Culture#	3
KIN 149: Wellness Concepts	1	Creative Arts	3
<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>17</b>

## YEAR THREE

<b>Fall</b>	<b>Credit</b>	<b>Spring</b>	<b>Credit</b>
Social science (PSYCH 105 recommended)	3	BIOL 303/L: Genetics	4
BIOL 305: Immunology	3	STAT 213: Applied Statistics	3
BIOL 301: Cell and Molecular Biology	4	300-level Philosophy/Theology	3
BIOL 230/L: Human Anatomy & Physiology I	4	BIOL 232/L: Human Anatomy & Physiology II	4
Philosophy/Theology	3	Writing Intensive course in Humanities – Literature & Film#	3
<b>Total Credits</b>	<b>17</b>	<b>Total Credits</b>	<b>17</b>

### YEAR THREE (CONT.)

<b>Summer</b>	<b>Credit</b>
Clinical Laboratory Practicum	8
<b>Total Credits</b>	<b>8</b>

### YEAR FOUR

<b>Fall</b>	<b>Credit</b>	<b>Spring</b>	<b>Credit</b>
Clinical Laboratory Practicum	16	Clinical Laboratory Practicum	16
<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>16</b>

*\*Assumes second language general education requirement is fulfilled.*

*^Most clinical practicums require CPR certification and vaccinations*

*#Humanities courses must be from two different departments.*

*Must apply for clinical practicum in 3rd year*

*+Organic Chemistry II and Biochemistry recommended.*