

# College of Health & Sciences

## 2018-2019 Biology - Clinical Laboratory Scientist Degree Plan

### FIRST YEAR - FRESHMAN

<u>Fall Semester</u>	<u>Spring Semester</u>
UNIV 1001 * Freshman Seminar	ENG 1213 * Freshman Composition II
BIOL 1114 * General Biology	CHEM 1114 * General Chemistry I
ENG 1113 * Freshman Composition I	---3 * Humanities- Western Civilization**
PS 1113 * United States Government	KIN 2122 * Wellness or Nutrition FCS 1513
MATH 1513 * College Algebra OR MATH 2825 Calculus and Analytic Geometry I	BIOL 1314 General Zoology
---3 * Communication** (Computer Literacy)	
<b>17-18 TOTAL HOURS</b>	<b>16-17 TOTAL HOURS</b>

### SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>	<u>Spring Semester</u>
BIOL 2344 General Microbiology	BIOL 2184 Human Anatomy OR BIOL 3245 Comparative Vertebrate Anatomy
---3 * Humanities-Cultural/Human Diversity**	---3 * Social Sciences**
BIOL 1214 General Botany	HIST 24-3 * United States History Survey**
CHEM 1214 General Chemistry II	CHEM 3114 Organic Chemistry I
<b>15 TOTAL HOURS</b>	<b>14-15 TOTAL HOURS</b>

### THIRD YEAR - JUNIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
BIOL 3434 Genetics	---3 * Humanities & Social Sciences**
---3 * Communication** (Speech or Language)	BIOL 3683 Immunology
BIOL 4881 Biology Senior Seminar	CHEM 4213 Biochemistry
BIOL 3634 Human Physiology	CHEM 4221 Biochemistry Laboratory
---4 Electives (4 hours)***	---6 Elective (6 Hours)***
<b>16 TOTAL HOURS</b>	<b>16 TOTAL HOURS</b>

### FOURTH YEAR - SENIOR

<u>Fall Semester</u>	<u>Spring Semester</u>
MEDTE 4117 Clinical Microbiology	MEDTE 4236 Clinical Hematology
MEDTE 4125 Clinical Chemistry I	MEDTE 4246 Clinical Immunology/Immunohematology
	<b>12 TOTAL HOURS</b>
	<u>Summer Semester</u>
	MEDTE 4325 Clinical Chemistry II
	MEDTE 4351 Topics in Medical Technology
<b>12 TOTAL HOURS</b>	<b>6 TOTAL HOURS</b>

**TOTAL DEGREE PLAN HOURS 124**

\*Denotes General Education Requirement

\*\*See current catalog "General Education Requirements" for selection

\*\*\*No Minor required/Electives (7-10 hours)