

# College of Health & Sciences

## 2016-2017 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>		<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)