

College of Health & Sciences

2022-2023 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 Basic Nutrition HHFS 1513
MATH 1513 * College Algebra OR MATH 2825 Calculus and Analytic Geometry I	BIOL 1314 General Zoology
---3 * Communication** (Computer Literacy)	
17-18 TOTAL HOURS	16-17 TOTAL HOURS

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
15 TOTAL HOURS	14-15 TOTAL HOURS

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)***
16 TOTAL HOURS	16 TOTAL HOURS

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
	12 TOTAL HOURS
	<u>Summer Semester</u>
	MEDTE 4325 Clinical Chemistry II
	MEDTE 4351 Topics in Medical Technology
12 TOTAL HOURS	6 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 124

*Denotes General Education Requirement

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

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