

## Academic Program Sequence Map

Program Degree Type and Name: BS Clinical Laboratory Science (Clinical Year Fall Start - only)

Catalog Year: 2021-2022

Program Level: Undergraduate

Academic Term Type: Semester

* Denote core course with an asterisk and (cc) next to the course number									
Year and Term: Year 1, Fall Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
ENGL 111 Written English and Lit Studies I	3	X							
ENGL 110 or Gen Ed	3	X							
MATH 116 College Algebra	3	X							
CINQ 101 Critical Inquiry	3	X							
Gen Ed	3	X							
<b>Term Credit Total:</b>	15	15							
Year and Term: Year 1, Spring Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
BIOL 160 General Biology I Lecture	3	X							
BIOL 160A General Biology I Lab	1	X							
BIOL 160R General Biology II Recitation	0	X							
CHEM 160 General Chemistry I Lecture	3	X							
CHEM 160A General Chemistry I Lab	1	X							
COMM 110 Oral Communication	3	X							
ENGL 112 Written English and Lit Studies II	3	X							
<b>Term Credit Total:</b>	14	14							
Year and Term: Year 2, Summer Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
CHEM 161 General Chemistry II Lecture	3	X							
CHEM 161A General Chemistry II Lab	1	X							
BIOL 161 General Biology II Lecture	3	X							
BIOL 161A General Biology II Lab	1	X							
<b>Term Credit Total:</b>	8	8							
Year and Term: Year 2, Fall Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
CHEM 260 Organic Chemistry I Lecture	3		X						
CHEM 260A Organic Chemistry I Lab	1		X						
BIOL 265 Microbiology lecture	3		X						
BIOL 265A Microbiology Lab	1		X						
CISC 120 Intro to Computers	3	X							
Gen Ed	2	X							
<b>Term credit total:</b>	13	5	8						
Year and Term: Year 2, Spring Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
CHEM 261 Organic Chemistry II Lecture	3		X						
CHEM 261A Organic Chemistry II Lab	1		X						
BIOL 309 Human Physiology Lecture	3		X						
BIOL 309A Human Physiology Lab	1		X						
Gen Ed	3	X							
Gen Ed	1	X							
<b>Term Credit Total:</b>	12	4	8						
Year and Term: Year 3, Fall Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
CHEM 354 Biochemistry	4		X						
JRSM 301 Junior Seminar	3	X							
Gen Ed	2	X							
MATH 122 Statistics	3	X							
<b>Term Credit Total:</b>	12	8	4						
Year and Term: Year 3, Spring Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
BIOL 355 Molecular Biology of the Cell	4		X						
BIOL 310 Immunology	3		X						
Gen Ed	3	X	X						
Gen Ed	3	X							
<b>Term Credit Total:</b>	13	6	7						
Year and Term: Year 4, Fall Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
CLSC 402 Laboratory Operations	1		X						
CLSC 410 Hematology I	3		X						
CLSC 410A Hematology I Lab	1		X						
CLSC 415 Diagnostic Microbiology I	3		X						
CLSC 415A Diagnostic Microbiology I Lab	1		X						
CLSC 406 Urinalysis 1	2		X						
CLSC 420 Clinical Chemistry	3		X						
CLSC 420A Clinical Chemistry Lab	1		X						
<b>Term Credit Total:</b>	15		15						
Year and Term: Year 4, Spring Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
CLSC 421 Clinical Chemistry II	3		X						
CLSC 430 Immunohematology I	3		X						
CLSC 430A Immunohematology I Lab	1		X						
CLSC 411 Hematology II / Hemostasis	3		X						
CLSC 412 Hematology III	2		X						
CLSC 417 Diagnostic Microbiology III	2		X						
CLSC 407 Urinalysis II	1		X						
<b>Term Credit Total:</b>	15		15						
Year and Term: Year 4, Summer Term		Credits Per Classification							
Course Number & Title	CR	GE	Maj	OE					
CLSC 416 Diagnostic Microbiology II	3		X						
*CLSC 440 Professional Practice in CLS(cc)	3		X						
CLSC 426 Coagulation	1		X						
CLSC 422 Clinical Chemistry III	2		X						
CLSC 431 Immunohematology II	2		X						
CLSC 435 Clinical Immunology	1		X						
<b>Term Credit Total:</b>	12		12						
Program Totals		Credits: 129		General Ed: 60		Major & Major Elective: 69		Open Elective:	

**Legend:** CR: Credits GE: General Education Maj: Major / Major Elective OE: Open Elective