

Academic Program Sequence Map

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

Catalog Year: 2022-2023

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