

Academic Program Sequence Map

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

Catalog Year:202

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	Milestone/Advice
ENGL 111 Written English and Lit Studies I	3	X			
First Year Seminar (FYS)	3	X			
MATH 116 College Algebra (GE Quantitative Reasoning)	3	X			
BIOL 160 General Biology I	3	X			GC
BIOL 160A General Biology I Lab	1	X			GC, ELC
Term Credit Total:	13	13			

Year and Term: Year 2, Fall Term	Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice
Gen Ed (Ethical Reasoning)	3	X			
Gen Ed (Creative Expression)	3	X			
CHEM 161 General Chemistry II Lecture	3		X		GC
CHEM 161A General Chemistry II Lab	1		X		GC, ELC
BIOL 265 Microbiology lecture	3		X		GC
BIOL 265A Microbiology Lab	1		X		GC
Term Credit Total:	14	6	8		

Year and Term: Year 3, Fall Term	Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice
Gen Ed- Humanities (Recommend ENGL 209)	3	X			
Gen Ed - (Language 116/110/Elective)	3	X			
CHEM 261 Organic Chemistry II Lecture	3		X		
CHEM 261A Organic Chemistry II Lab	1		X		ELC
BIOL 355 Molecular Biology of the Cell	4		X		ELC
Term Credit Total:	14	6	8		

Year and Term: Year 4, Fall Term	Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice
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		
Term Credit Total:	15		15		

Year and Term: Year 4, Summer Term	Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice
CLSC 416 Diagnostic Microbiology II	3		X		
*CLSC 440 Professional Practice in CLS(cc)	3		X		CA
CLSC 426 Coagulation	1		X		WBE
CLSC 422 Clinical Chemistry III	2		X		WBE
CLSC 431 Immunohematology II	2		X		WBE
CLSC 435 Clinical Immunology	1		X		WBE
Term Credit Total:	12		12		

Year and Term: Year 1, Spring Term	Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice
ENGL 112 Written English and Lit Studies II	3	X			
Gen Ed - Seminar II	3	X			
BIOL 161 General Biology II Lecture	3		X		GC
BIOL 161A General Biology II Lab	1		X		GC, ELC
CHEM 160 General Chemistry I Lecture	3		X		GC
CHEM 160A General Chemistry I Lab	1		X		GC, ELC
Term Credit Total:	14	6	8		

Year and Term: Year 2, Spring Term	Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice
Gen Ed -Seminar III	3	X			
Gen Ed- (Language 115/110/Elective)	3	X			
MATH 122 Statistics	3		X		
CHEM 260 Organic Chemistry I Lecture	3		X		
CHEM 260A Organic Chemistry I Lab	1		X		ELC
BIOL 310 Immunology	3		X		
Term credit total:	16	6	10		

Year and Term: Year 3, Spring Term	Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice
Gen Ed Self & Society (Recommend COMM 200)	3	X			
Gen Ed Elective - (110/Elective)	3	X			
CHEM 354 Biochemistry	4		X		
BIOL 309 Human Physiology Lecture	3		X		
BIOL 309A Human Physiology Lab	1		X		
Term Credit Total:	14	6	8		

Year and Term: Year 4, Spring Term	Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice
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		WBE
CLSC 417 Diagnostic Microbiology III	2		X		WBE
CLSC 407 Urinalysis II	1		X		WBE
Term Credit Total:	15		15		

Year and Term:	Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	Milestone/Advice
Term Credit Total:					

Program Totals

Credits:127

General Ed: 43

Major & Major Elective: 84

Open Elective: 0

Legend: CR: Credits GE: General Education Maj: Major / Major Elective OE: Open Elective GC: Gateway Course CA: Career Activity ELC: Experiential Learning Course WBE: Work-Based Experience

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