

BS in Clinical Lab Sciences

Courses:	Semester offered			Pre-requisite(s)
	Fall	Spring	Summer	
*Must have a C or better; **Must have a B or better				
CLS 1003 Making Connections (not required for transfer students)	X			
General Education (35 hours)				
*MATH 1023 - College Algebra (or any MATH course that requires MATH 1023 as a prerequisite)	X	X	X	
*ENG 1003 Composition I	X	X	X	
*ENG 1013 Composition II	X	X	X	
*CHEM 1013/1011 - General Chemistry I + lab	X	X	X	
*BIO 2103/2101 - Microbiology for Nursing and Allied Health + Lab	X	X		
3 hours of Fine Arts	X	X	X	
3 hours of Humanities	X	X	X	
3 hours of Departmental Option (Oral Com, Arts, Humanities, or Social Sciences)	X	X	X	
9 hours of Social Sciences including one course of HIST 2763, HIST 2773, or POSC 2103	X	X	X	
Major Core Courses/Program Pre-requisites (18 hours):				
*BIO 2203/2201 - Human Anatomy and Physiology I + Lab	X	X	X	
*BIO 2223/2221 - Human Anatomy and Physiology II + Lab	X	X	X	BIO 2203/2201
*CHEM 1023/1021 - General Chemistry II + Lab	X	X	X	CHEM 1013/1011
*CHEM 3003 - Survey of Organic Chemistry (OR CHEM 3103/3101)	X			CHEM 1023 or CHEM 1043
**CLS 1512/1511 - Principles of Clinical Laboratory Science + Lab	X	X		
CLS Program (67 hours) – Application Required (by April 15th)				
Year 1:				
*CLS 2523/2521 - Hematology I + Lab	X			CLS 1512/1511
*CLS 2543/2541 - Clinical Chemistry I + Lab	X			CHEM 1013/1011 CLS 1512/1511

*CLS 2573/2571 - Clinical Immunology and Serology + Lab	x				BIO 2203/2201
*CLS 1521/1531 - Urine and Body Fluid Analysis + Lab		x			
*CLS 2533/2531 - Medical Microbiology I + Lab		x			BIO 2103/2101
*CLS 3512/3511 - Medical Parasitology + Lab		x			
*CLS 2563/2561 - Immunohematology I + Lab		x			CLS 2573/2571 CLS 2523/2531 BIO 2223/2221
*HP 3123 - Intro to Disease (CLS 3343 - Principles of Diseases for the Clinical Laboratory Sciences – no longer offered)	x	x			
Year 2:					
*CLS 3112 - Laboratory Quality Management	x			x	CLS 2543
*CLS 4443/4441 - Medical Microbiology II + Topics	x				CLS 2533/2531 CLS 3512/3511
*CLS 4333/4331 - Immunohematology II + Topics	x				CLS 2563/2561
*CLS 4222 - Senior Seminar I	x				CLS 2563/2561
*CLS 3223/3221 - Hematology II + Lab		x			CLS 2523/2531
*CLS 4113/4111 - Clinical Chemistry II + Topics course		x			CLS 2543/2541
*CLS 3153 - Clinical Biochemistry		x			CHEM 3003 or CHEM 3103/3101
*CLS 4232 - Senior Seminar II		x			CLS 2563/2561
Clinical Practicums – starts in year 2, taken in any order					
*CLS 4173 - Clinical Practicum I	x	x	x	x	CLS 2543/2541
*CLS 4183 - Clinical Practicum II	x		x	x	CLS 2523/2521 CLS 1531/1521
*CLS 4194 - Clinical Practicum III	x		x	x	CLS 2533/2531
*CLS 4204 - Clinical Practicum IV	x		x	x	CLS 2563/2561