

AAS in Clinical Laboratory Sciences Course List 2026-27

Courses (68 hours total): *Must have a C or better; **Must have a B or better	Semester offered			Pre-requisite(s)
	Fall	Spring	Summer	
CLS 1003/MLSC 11003 Making Connections (not required for transfer students)	x			
General Education (19 hours)				
*MATH 11003- College Algebra (or any MATH course that requires MATH 11003 as a prerequisite)	x	x	x	
*ENGL 10103 Composition I	x	x	x	
*ENGL 10203 Composition II	x	x	x	
*BIOL 20001+20003 - Microbiology for Nursing and Allied Health + Lab	x	x		
3 hours of computer applications	x	x	x	
3 hours of US History/Government	x	x	x	

Major Core Courses/Program Pre-requisites (11 hours):

*BIOL 24101+24103 - Human Anatomy and Physiology II + Lab	x	x	x	
*CHEM 14201+14203 - General Chemistry I + Lab	x	x	x	
**MLSC 11541+11532 - Principles of Clinical Laboratory Science + Lab	x	x		

CLS Program (26 hours) – Application Required by April 15th

*MLSC 22581+22553 - Hematology I + Lab	x			MLSC 11541+11532
*MLSC 22541+22543 - Clinical Chemistry I + Lab	x			CHEM 14201+14203
				MLSC 11541+11532
*MLSC 22573 - Clinical Immunodiagnostics	x			BIOL 24103
*MLSC 15501 - Basic Lab Operations Lab	x			
*MLSC 11531+21101 - Urine and Body Fluid Analysis + Lab		x		MLSC 11541+11532
*MLSC 22531+22533 - Medical Microbiology I + Lab		x		BIOL 20001+20003
*MLSC 42141+42142 - Medical Parasitology + Lab		x		BIOL 20001+20003
*MLSC 22561+22563 - Immunohematology I + Lab		x		MLSC 22571+22573
				MLSC 22581+22553

BIOL 24101+24103				
*MLSC 22551 - MLT Seminar (taken with the practicums)	x		x	MLSC 22561+22563
Clinical Practicums (12 hours) – summer or fall, taken in any order				
*MLSC 22533 - Clinical Practicum I (Clinical Chemistry)	x	x	x	MLSC 22541+22543
*MLSC 22543 - Clinical Practicum II (Hematology)	x	x	x	MLSC 22581+22553
				MLSC 11531+21101
*MLSC 33503 - Clinical Practicum III (Medical Microbiology)	x	x	x	MLSC 22531+22533
*MLSC 33603 - Clinical Practicum IV (Blood Bank)	x	x	x	MLSC 22561+22563

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