

MS Medical Laboratory Science 2026-2027 Academic Course Schedule

Year 1					
Fall Semester			Spring Semester		
CLS 617/618	Clinical Hematology	3/1	CLS 607/608	Urinalysis and Body Fluids	1/1
CLS 627/628	Clinical Microbiology I	3/1	CLS 629/630	Clinical Microbiology II	3/1
CLS 637	Clinical Immunology & Virology	3	CLS 639/641	Immunohematology	3/1
PSC672	Experimental Design & Data Analysis*	2	CLS 646/647	Clinical Chemistry	3/1
			ETH610	Ethics in Research	1
	Total	13			15

Year 2					
Fall Semester			Spring Semester		
CLS700	Principles of Clinical Laboratory Management	3	BHS 740	Genetics and Molecular Basis of Disease	3
BHS 745	Molecular Diagnostics	4	CLS760	Clinical Correlations	3
			CLS 790	CLS Capstone	3
CLINICAL ROTATIONS – Assigned to either the Fall or Spring Semester.					
All rotations are completed by the end of the Spring Semester					
CLS715	Clinical Hematology & Hemostasis Rotation				3
CLS713	Clinical Chemistry Rotation				3
CLS703	Immunohematology Rotation				3
CLS704	Clinical Microbiology Rotation				3
CLS705	Molecular Diagnostics Rotation				1
CLS706	Clinical Laboratory Management Rotation				1
CLS707	Clinical Immunology Rotation				1
CLS708	Urinalysis Rotation				1
CLS709	Elective Clinical Rotation (optional)				
	Total	7+rotations		Total	9+rotations

TOTAL CREDITS = 58

***If a student has not completed an undergraduate statistics course with a grade of "B" or higher, PSC672 is required credits=60**