

BS Clinical Laboratory Science 2026-2027 Academic Course Schedule

Year 1					
Fall Semester			Spring Semester		
BIO 111	General Biology I	4	BIO 121	General Biology II	4
CHE 111	General Chemistry I	4	BHS 201	Medical Terminology	3
ENG 101	First Year Writing	3	CHE 121	General Chemistry II	4
HUM 115	Voice and Identity	3	MAT145	Elementary Statistics	3
PBH 102	First Year Experience	1		Humanities Selective*	3
CLS 101	Introduction to Clinical Lab Science	1			
	Total	16		Total	17

Year 2					
Fall Semester			Spring Semester		
BIO 210	General Microbiology	4	BIO 215	Anatomy & Physiology II Lecture	3
BIO 213	Anatomy & Physiology I Lecture	3	BIO 216	Anatomy & Physiology II Lab	1
BIO 214	Anatomy & Physiology I Lab	1	BIO 346/347	Cell Biology with lab	4
CHE 211	Organic Chemistry I	4		Directed Elective-SOC Intro to Soc	3
PSY101	General Psychology	3		Science and Health Through Humanities Lenses Selective**	3
	Total	15		Total	14

Year 3					
Fall Semester			Spring Semester		
CLS 317/318	Clinical Hematology	3/1	CLS 307/308	Urinalysis and Body Fluids	1/1
CLS 327/328	Clinical Microbiology I	3/1	CLS 329/330	Clinical Microbiology II	3/1
CLS 337	Clinical Immunology & Virology	3	CLS 339/341	Immunohematology	3/1
CHE311	Biochemistry	3	CLS 346/347	Clinical Chemistry	3/1
ETH310	Bioethics	3			
	Total	17		Total	14

Year 4					
Fall Semester			Spring Semester		
CLS400	Principles of Clinical Laboratory Management	3	BHS 740	Genetics and Molecular Basis of Disease	3
BHS 345/346	Molecular Diagnostics	3/1	CLS760	Clinical Correlations	3
			CLS 499	CLS Senior Seminar	1
CLINICAL ROTATIONS – Assigned to either the Fall or Spring Semester.					
All rotations are completed by the end of the Spring Semester.					
CLS415	Clinical Hematology & Hemostasis Rotation				3
CLS413	Clinical Chemistry Rotation				3
CLS403	Immunohematology Rotation				3
CLS404	Clinical Microbiology Rotation				3
CLS405	Molecular Diagnostics Rotation				1
CLS406	Clinical Laboratory Management Rotation				1
CLS407	Clinical Immunology Rotation				1
CLS408	Urinalysis Rotation				1
CLS409	Elective Clinical Rotation (optional)				
	Total	7+rotations		Total	7+rotations

TOTAL CREDITS = 123