

Bachelor in Medical Laboratory Sciences

Year	Year	Semester	Course Code	Course Title	Credits	Prerequisite	Total
1	FIRST	FALL	ANA211	Human Anatomy & Physiology I	3		Total First Year Fall
1	FIRST	FALL	ARB208	Arabic Language & Literature	3		
1	FIRST	FALL	BIO201	General Biology	3		
1	FIRST	FALL	CHM201	General Chemistry	3		
1	FIRST	FALL	CSC200	Computer Driving Skills	2		
1	FIRST	FALL	ENG201	English Essays & Composition	3		
							17
1	FIRST	SPRING	ARB209	Arabic Rhetoric	3	ARB208	Total First Year Spring
1	FIRST	SPRING	CHM202	Introduction to Organic Chemistry	3	CHM201	
1	FIRST	SPRING	CHM203	General Biochemistry	3	BIO201, CHM201	
1	FIRST	SPRING	CHM212L	Chemistry Lab	2	CHM201	
1	FIRST	SPRING	ENG202	English Communication Skills	3	ENG201	
1	FIRST	SPRING	MLS201	Introduction to MLS	2		
1	FIRST	SPRING	PBH210	Introduction to Public Health	2		
							18
1	FIRST	SUMMER	MLS235	Cytology & Histological Techniques	2	BIO201, MLS201, ANA211	Total First Year Summer
							2
2	SECOND	FALL	CLT201	Cultural Studies I	3		Total Second Year Fall
2	SECOND	FALL	MLS210	Clinical Chemistry I	2	MLS201, CHM202, CHM203	
2	SECOND	FALL	MLS230	Clinical Hematology I	3	MLS201, ANA211	
2	SECOND	FALL	MLS245	Clinical Immunology & Serology	3	CHM203, MLS201, ANA211	
2	SECOND	FALL	MLS250	Clinical Microbiology	3	BIO201, MLS201	
2	SECOND	FALL	PSL210	Pathophysiology	3	ANA211	
2	SECOND	FALL	PSY210	Health Psychology	2		
2	SECOND	SPRING	CLT202	Cultural Studies II	3	CLT201	Total Second Year Spring
2	SECOND	SPRING	MLS220	Clinical Chemistry II	3	MLS210	
2	SECOND	SPRING	MLS240	Clinical Hematology II	3	MLS230	
2	SECOND	SPRING	MLS255	Clinical Bacteriology	3	MLS250	
2	SECOND	SPRING	MLS260	Clinical Parasitology	3	MLS250	
2	SECOND	SPRING	MLS275	Blood Banking	1	MLS230, MLS245	
2	SECOND	SPRING	MLS280	Clinical Toxicology	2	MLS210, MLS245	
2	SECOND	SPRING	MLS298P	Medical Laboratory Practice I	1	MLS210, MLS230, MLS250	
2	SECOND	SUMMER	MLS265	Clinical Virology	2	MLS250	Total Second Year Summer
2	SECOND	SUMMER	MLS270	Clinical Mycology	1	MLS250	
2	SECOND	SUMMER	MLS290	Molecular Diagnostic Techniques	2	MLS220, MLS235	
2	SECOND	SUMMER	MLS299P	Medical Laboratory Practice II	1	MLS220, MLS240, MLS260, MLS275, MLS298P	
							6
3	THIRD	FALL	MLS210P	Clinical Chemistry Practice	2	MLS220, MLS299P	Total Third Year Fall
3	THIRD	FALL	MLS230P	Clinical Hematology Practice I	2	MLS230, MLS299P	
3	THIRD	FALL	MLS235P	Phlebotomy & Histological Techniques Practice	2	MLS220, MLS235, MLS299P	
3	THIRD	FALL	MLS244P	Clinical Serology Practice	1	MLS245, MLS299P	
3	THIRD	FALL	MLS250P	Clinical Microbiology Practice	2	MLS250, MLS299P	
3	THIRD	FALL	MLS310	Clinical Pathology I	3	MLS220, MLS240, MLS250	
3	THIRD	FALL	RM302	Health Research Methods	2	CSC200	
3	THIRD	FALL	STA310	Biostatistics & Epidemiology	3	CSC200	
3	THIRD	SPRING	MLS220P	Clinical Chemistry & Endocrinology Practice	2	MLS220, MLS210P	Total Third Year Spring
3	THIRD	SPRING	MLS240P	Clinical Hematology Practice II	2	MLS240, MLS230P	
3	THIRD	SPRING	MLS247P	Urinalysis Practice	1	MLS220, MLS250P, MLS299P	
3	THIRD	SPRING	MLS255P	Clinical Bacteriology Practice	2	MLS255, MLS299P	
3	THIRD	SPRING	MLS260P	Clinical Parasitology Practice	1	MLS260, MLS299P	
3	THIRD	SPRING	MLS275P	Blood Banking Practice	2	MLS275, MLS299P	
3	THIRD	SPRING	MLS320	Clinical Pathology II	3	MLS310	
3	THIRD	SPRING	MLS350	Senior Project in MLS	3	In Senior Spring Only, All Senior Fall Courses	
							16
Major Total					114		114

*Can be replaced with CLT221 and CLT222