

**Program of Study For a Bachelor of Science in Medical Laboratory Sciences
AY 2022-23**

		Category	Course Number	Course Title	Crs.	
M A J O R C O U R S E S	Sciences		MLSP 201	Clinical Hematology I	3	
			MLSP 202	Clinical Hematology II	3	
			MLSP 203	General Microbiology	3	
			MLSP 204	Systematic Bacteriology	4	
			MLSP 207	Immunology and Blood Banking	2	
			MLSP 208	General and Diagnostic Virology	2	
			MLSP 259	Diagnostic Serology	1	
			LABM 201	Clinical Chemistry I	2	
			LABM 202	Clinical Chemistry II	3	
			LABM 210	Cytology and Histological Techniques	2	
			LABM 231	Clinical Laboratory Quality Systems	1	
			LABM 233	Genetics and Molecular Biology	2	
			LABM 235	Medical Mycology	1	
			MBIM 223	Parasitology for MLS Students	4	
		Seminar		MLSP 211	Seminar	1
		Practical Training		LABM 220	Clinical Chemistry and Endocrinology	4
				LABM 230	Clinical Hematology and Reception	4
			LABM 240	Clinical Microbiology	4	
			LABM 250	Clinical Parasitology and Urinalysis	2	
			LABM 260	Serology	2	
			LABM 270	Blood Banking	2	
			LABM 280	Cytogenetics, Molecular Diagnosis and Histotechniques	2	
N O N M A J O R C O U R S E S	Sciences		BIOL 201	General Biology I	4	
			CHEM 208	Brief Survey of Organic Chemistry	3	
			CHEM 209	Introductory Organic Laboratory	2	
			PHYL 246	Physiology for Nursing Degree Students and UG	4	
			BIOC 255	Biochemistry for MLSP (or its equivalent)	3	
	General Education*	Quantitative Thought	EPHD 203	Epidemiology and Biostatistics	3	
		Arabic course	ARAB		3	
		English	ENGL 203	Academic English	3	
			ENGL 204	Advanced Academic English	3	
		Social Sciences 1	HMPD 204	Introduction to Health Services Administration	3	
		Social Sciences 2	HPCH 203	Health Communication	3	
		Social Sciences 3			3	
		Humanities 1	PHIL 205	Bio Medical Ethics	3	
		Humanities 2			3	
Humanities 3			3			
Humanities 4			3			

* Must be chosen from the updated list of the General Education requirements found on the Registrar's website.

N.B. Students who hold the Lebanese Baccalaureate or its equivalent (Literature and Humanities or Sociology and Economics) are required to take remedial courses.