

## B. Medical Laboratory Sciences

### B2. Premedical Track

First Year		
<b>Fall Semester</b>		
BIOL 201	General Biology I	4
CHEM 201	Chemical I Principles	3
ENGL 203 <sup>1</sup>	Academic English	3
Humanities Elective		3
Social Sciences Elective		3
<b>Total</b>		<b>16 crs</b>
<b>Spring Semester</b>		
BIOL 202 OR PHYL 246	General Biology II Human Physiology for Paramedical and Undergraduates Students	4
CHEM 211	Organic Chemistry	3
ENGL 204	Advanced Academic English	3
ARAB <sup>2</sup>	Arabic Communication Skills	3
BIOC 255	Biochemistry for MLSP	3
<b>Total</b>		<b>16 crs</b>
<b>Summer Semester</b>		
PHYS 204 or 205	Classical (or Modern) Physics for Life Sciences	3
PHYS 204L or 205L	Classical (or Modern) Physics for Life Sciences Laboratory	1
Humanities Elective		3
<b>Total</b>		<b>7 crs</b>

Second Year		
<b>Fall Semester</b>		
MLSP 201	Clinical Hematology I	3
MLSP 203	General Microbiology	3
MLSP 207	Immunology and Blood Banking	2
MLSP 208	General and Diagnostic Virology	2
LABM 201	Clinical Chemistry I	2
CHEM 212	Organic Chemistry II	3
CHEM 210	Organic Laboratory for Non-Majors	2
<b>Total</b>		<b>17 crs</b>
<b>Spring Semester</b>		
MLSP 202	Clinical Hematology II	3
MLSP 204	Systematic Bacteriology	4
MLSP 259	Diagnostic Serology	1
LABM 202	Clinical Chemistry II	3
LABM 210	Cytology and Histological Techniques	2
MBIM 223	Medical Parasitology	4
<b>Total</b>		<b>17 crs</b>
<b>Summer Semester</b>		
Practical Training		4

<sup>1</sup> Students exempted from ENGL 203 may take any free elective instead to make up for the credits

<sup>2</sup> Students exempted from ARABIC should take a Humanity course instead to make up for the credits

<b>Third Year</b>		
<b>Fall Semester</b>		
LABM 233	Genetics and Molecular Biology	2
LABM 235	Medical Mycology	1
EPHD 203	Epidemiology and Biostatistics	3
HMPD 204	Introduction to Health Services Administration	3
Practical Training		8
<b>Total</b>		<b>17 crs</b>
<b>Spring Semester</b>		
LABM 231	Clinical Laboratory Quality Systems	1
MLSP 211	Seminar	1
PHIL 205	Biomedical Ethics	3
HPCH 203	Health Communications	3
Humanities Elective		3
Practical Training		8
<b>Total</b>		<b>19 crs</b>
<b>Total Credits</b>		<b>113 crs</b>

