

## Curriculum for Bachelor of Science in Medical Laboratory Sciences Premedical Track

Course Number	Course Title	Credits
<b>Fall 1</b>		
BIOL 201	General Biology I	4
CHEM 201	Chemical I Principles	3
ENGL 203	Academic English	3
	Cultures and Histories (History of Ideas)	3
	Societies and Individuals Elective	3
<i>Term Credit Total</i>		<b>16</b>
<b>Spring 1</b>		
PHYL 246 OR BIOL 202	Human Physiology for Paramedical and Undergraduates Students General Biology II	4
CHEM 211	Organic Chemistry	3
ENGL 204	Advanced Academic English	3
ARAB 2xx	Understanding Communication Arabic	3
	Cultures and Histories Elective	3
<i>Term Credit Total</i>		<b>16</b>
<b>Summer 1</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
	Cultures and Histories Elective	3
<i>Term Credit Total</i>		<b>7</b>
<b>Fall 2</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
<i>Term Credit Total</i>		<b>17</b>
<b>Spring 2</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	Parasitology for MLS students	4
<i>Term Credit Total</i>		<b>17</b>
<b>Summer 2</b>		
	Practical Training in Laboratory Medicine	4
<i>Term Credit Total</i>		<b>4</b>
<b>Fall 3</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 in Laboratory Medicine	8
<i>Term Credit Total</i>		<b>17</b>
<b>Spring 3</b>		
MLSP 211	Seminar	1
LABM 231	Clinical Laboratory Quality Systems	1
PHIL 205	Bio-Medical Ethics	3
BIOC 255	Biochemistry for MLSP	3
HPCH 203	Health Communication	3
	Practical Training in Laboratory Medicine	8
<i>Term Credit Total</i>		<b>19</b>
<b><i>Total Credits</i></b>		<b>113</b>