

# B.Sc. Medical Laboratory Technology

<b>Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P/CR</b>	<b>C</b>	<b>Hrs</b>
<b>First Semester</b>						
<b>Theory</b>						
BMLACE01	General Psychology	2	0	0	2	30
BMLSEC01	To be chosen by students	2	0	0	2	30
BMLCT01	Human Anatomy I	4	0	0	4	60
BMLCT02	Human Physiology I	4	0	0	4	60
BMLCT03	Biochemistry	4	0	0	4	60
<b>Practical</b>						
BMLCL01	Human anatomy I Practical	0	0	2	2	30
BMLCL02	Human Physiology I Practical	0	0	2	2	30
BMLCL03	Biochemistry	0	0	2	2	30
<b>Second Semester</b>						
<b>Theory</b>						
BMLACE02	Basics of Food and Nutrition	2	0	0	2	30
BMLSEC02	To be chosen by students	2	0	0	2	30
BMLCT04	Basic Clinical Biochemistry	4	0	0	4	60
BMLCT05	General Medical Microbiology	4	0	0	4	60
BMLCT06	Basic Haematology	4	0	0	4	60
<b>Practical</b>						
BMLCL04	Basic Clinical Biochemistry- Practical	0	0	2	2	30
BMLCL05	General Medical Microbiology- Practical	0	0	2	2	30
BMLCL06	Basic Haematology- Practical	0	0	2	2	30
<b>Third Semester</b>						
<b>Theory</b>						
BMLACE03	EVS	2	0	0	2	30
BMLSEC03	To be chosen by students	2	0	0	2	30
BMLCT07	Biochemical Metabolism	4	0	0	4	60
BMLCT08	Systemic Bacteriology	4	0	0	4	60
BMLCT09	Applied Histopathology	4	0	0	4	60
<b>Practical</b>						
BMLCL07	Biochemical Metabolism- Practical	0	0	2	2	30
BMLCL08	Systemic Bacteriology- Practical	0	0	2	2	30
BMLCL09	Applied Histopathology- Practical	0	0	2	2	30
<b>Fourth Semester</b>						
<b>Theory</b>						

BMLSEC04	To be chosen by students	2	0	0	2	30
BMLCT10	Analytical Clinical Biochemistry	4	0	0	4	60
BMLCT11	Immunology & Bacterial Serology	4	0	0	4	60
BMLCT12	Blood and Blood Transfusion	4	0	0	4	60
<b>Practical</b>						
BMLCL10	Analytical Clinical Biochemistry - Practical	0	0	2	2	30
BMLCL11	Immunology & Bacterial Serology- Practical	0	0	2	2	30
BMLCL12	Blood and Blood Transfusion- Practical	0	0	2	2	30
<b>Fifth Semester</b>						
<b>Theory</b>						
BMLSEC05	To be chosen by students	2	0	0	2	30
BMLDST01	Applied Clinical Biochemistry I	4	0	0	4	60
BMLDST02	Medical Parasitology & Entomology	4	0	0	4	60
BMLDST03	Tissue culture and Immunohistochemistry	4	0	0	4	60
<b>Practical</b>						
BMLDSL01	Applied Clinical Biochemistry I - Practical	0	0	2	2	30
BMLDSL02	Medical Parasitology & Entomology- Practical	0	0	2	2	30
BMLDSL03	Tissue culture and Immunohistochemistry - Practical	0	0	2	2	30
<b>Sixth Semester</b>						
<b>Theory</b>						
BMLSEC06	To be chosen by students	2	0	0	2	30
BMLDST04	Applied Clinical Biochemistry II	4	0	0	4	60
BMLDST05	Medical Mycology & Virology	4	0	0	4	60
BMLDST06	Applied Cytopathology	4	0	0	4	60
<b>Practical</b>						
BMLDSL04	Applied Clinical Biochemistry II- Practical	0	0	2	2	30
BMLDSL05	Medical Mycology & Virology- Practical	0	0	2	2	30
BMLDSL06	Applied Cytopathology- Practical	0	0	2	2	30
	<b>Total</b>	90	0	36	126	1890