

## MEDICAL LABORATORY TECHNOLOGY

(B.SC.-MLT)

### COURSE STRUCTURE

<b>FOUNDATION YEAR ONE ( SEMESTER ONE)</b>	
<b>Code No</b>	<b>Course name</b>
BML 100	Communication Skills
BML101	Introduction to Computer Studies
ML102	Cell biology and physiology
BML103	Inorganic chemistry for MLS
BML104	English language I
<b>FOUNDATION YEAR ONE( SEMESTER TWO)</b>	
BML105	Basic histology and organ system
BML106	Medical terminology
BML107	Organic chemistry for MLS
BML108	medical sociology and anthropology
BML109	English language II
<b>SECOND YEAR (SEMESTER ONE)</b>	
<b>Code No</b>	<b>Course name</b>
BML200	Human Anatomy I
BML201	Human Physiology I
BML202	Human Anatomy II
BML203	Human Physiology II
BML204	Medical Biochemistry I
BML205	Genetics and Genetic disorders
BML206	English language III
<b>SECOND YEAR (SEMESTER TWO)</b>	
BML207	Human Anatomy III
BML208	Human Physiology III
BML209	Medical Biochemistry II
BML210	Microbiology and parasitology
BML211	Basic lab skills, instruments and reagents
BML212	Immunology and serology
BML213	Basic Hematology

<b>THIRD YEAR (SEMESTER ONE)</b>	
<b>Code no</b>	<b>Course name</b>
BML300	Medical Biochemistry III
BML 301	Hematology
BML302	General pathology
BML303	Histopathology and cytology techniques
BML304	Laboratory skills I
<b>THIRD YEAR (SEMESTER TWO)</b>	
BML305	Clinical biochemistry
BML306	Mycology and bacteriology
BML307	Clinical pathology
BML308	Medical virology
BML309	Blood bank procedure, hemoglobinopathies
BML310	Laboratory skills II
<b>FOURTH YEAR (SEMESTER ONE)</b>	
<b>Code no</b>	<b>Course name</b>
BML400	Endocrinology, tumors and cancer markers
BML401	Fundamental of Epidemiology and statistics
BML402	Basic Nutrition and dietetics
BML403	Laboratory skills III
<b>FOURTH YEAR (SEMESTER TWO)</b>	
BML404	Quality laboratory management and automation
BML405	Hospital attachment
BML406	Thesis