



# SANSKRITI UNIVERSITY

## MATHURA, UTTAR PRADESH

SCHOOL NAME : SCHOOL OF MEDICAL AND ALLIED SCIENCES

Program Structure

Programme : B. Sc. (MLT)

Semester -II						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BML 101	Human Anatomy	4	-	-	4
2	BML 103	Human Physiology-I	4	-	-	4
3	BML 105	Basic pathology-I	4	-	-	4
4	BML 107	Basic Biochemistry	4	-	-	4
5	BML 109	General Microbiology	4	-	-	4
6	BML 111	English Communication	2			2
7	BML 113	Basic computer and information science	2			2
8	BML 151	Human Anatomy Lab	-	-	2	1
9	BML 153	Human Physiology-I Lab	-	-	2	1
10	BML 155	Basic pathology-I Lab	-	-	2	1
11	BML 157	Basic Biochemistry Lab	-	-	2	1
12	BML 159	General Microbiology Lab	-	-	2	1
13	BML 160	Basic computer and information science Practical	-	-	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>30</b>
Semester -II						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BML 102	Human Physiology-II	4	-	-	4
2	BML 104	Basic pathology-II	4	-	-	4
3	BML 106	Clinical Biochemistry	4	-	-	4
4	BML 108	Microbial Technical Methods	4	-	-	4
5	BML 110	Preventive Medicine & Health Care	4	-	-	4
6	BLL 102	Life Learning Skill	2	-	-	2
7	BML 152	Human Physiology-II Lab	-	-	2	1
8	BML 154	Basic pathology-II Lab	-	-	2	1
9	BML 156	Clinical Biochemistry Lab	-	-	2	1
10	BML 158	Microbial Technical Methods Lab	-	-	2	1
11	BML 160	Preventive Medicine & Health Care Lab	-	-	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>27</b>



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Semester -III						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BML 201	Clinical Hematology	4	-	-	4
2	BML 203	Metabolic & Blood Biochemistry	4	-	-	4
3	BML 205	Bacterial Pathogens & Associated Disease	4	-	--	4
4	BML 207	Immunology	4	-	-	4
5	BML 209	Molecular Cell Biology (Genetic Engineering)	4	-	-	4
6	BML 251	Clinical Hematology Lab	-	-	2	1
7	BML 253	Metabolic & Blood Biochemistry Lab	-	-	2	1
8	BML 255	Bacterial Pathogens & Associated Disease Lab	-	-	2	1
9	BML 257	Immunology Lab	-	-	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>24</b>
Semester -IV						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BML 202	Histopathological Techniques	4	-	-	4
2	BML 204	Biochemical & Biophysical Techniques	4	-	-	4
3	BML 206	Pathogenic Viruses	4	-	-	4
4	BML 208	Clinical pathology	4	-	-	4
5	BML 210	Environmental Studies and Disaster Management	4	-	-	4
6	BML 252	Histopathological Techniques Lab	-	-	2	1
7	BML 254	Biochemical & Biophysical Techniques Lab	-	-	2	1
8	BML 256	Pathogenic Viruses	-	-	2	1
9	BML 258	Clinical pathology Lab	-	-	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>24</b>
Semester -V						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BML 301	Blood Banking & Transfusion Medicine	4	-	-	4
2	BML 303	Diagnostic Enzymology	4	-	-	4
3	BML 305	Clinical Mycology	4	-	-	4
4	BML 307	Biostatistics	4	-	-	4
5	BML 351	Blood Banking & Transfusion Medicine Lab	-	-	2	1
6	BML 353	Diagnostic Enzymology Lab	-	-	2	1
7	BML 355	Clinical Mycology Lab	-	-	2	1
8	BML 357	SUPERVISED CLINICAL TRAINING	-	-	-	4
<b>TOTAL NO. OF CREDITS</b>						<b>23</b>



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Semester -VI						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BML 302	Histo & Cytopathological techniques	4	-	-	4
2	BML 304	Hormones & Disorders	4	-	-	4
3	BML 306	Clinical Parasitology	4	-	-	4
4	BML 308	Research Methodology	4	-	-	4
5	BML 310	MLT as Entrepreneur & Quality Laboratory Management	4	-	-	4
6	BML 352	Histo & Cytopathological techniques Lab	-	-	2	1
7	BML 354	Hormones & Disorders Lab	-	-	2	1
8	BML 356	Clinical Parasitology Lab	-	-	2	1
9	BML 358	SUPERVISED CLINICAL TRAINING Lab	-	-	-	4
<b>TOTAL NO. OF CREDITS</b>						27
Semester -VII						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BML 401	Immunopathology	4	-	-	4
2	BML 403	Advance Biochemical Techniques	4	-	-	4
3	BML 405	Advance Microbial Techniques	4	-	-	4
4	BML 407	Autopsy and Medical Jurisprudence	4	-	-	4
5	BML 409	Clinical Laboratory Research	4	-	-	4
6	BML 451	Immunopathology Lab	-	-	2	1
7	BML 453	Advance Biochemical Techniques Lab	-	-	2	1
8	BML 455	Advance Microbial Techniques Lab	-	-	2	1
9	BML 457	SUPERVISED CLINICAL TRAINING	-	-	-	4
<b>TOTAL NO. OF CREDITS</b>						27
Semester -VIII						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BML 400	Six Month Training with Project	-	-	-	26
<b>TOTAL NO. OF CREDITS</b>						26