

Core Module						
M.Sc. Biomedical Sciences 2 yr program						
SEMESTER I						
S. No	Course Code	Course Title	L	T	P	C
1	MSDB5013	Cell Biology	3	0	0	3
2	MSDB5002	Molecular Biology	4	0	0	4
3	MSDB5003	Biomolecules	4	0	0	4
4	MSBM5004	Organic Chemistry	4	0	0	4
5	MSDB5007	Bioanalytical and Microbial Techniques	4	0	0	4
6	MSBM5005	Advanced Biomedical Sciences Lab - I	0	0	4	2
7	MBSUCT1001	Laboratory Operation Techniques	2	0	0	0
		Total Credits				21
SEMESTER II						
S. No	Course Code	Course Title	L	T	P	C
1	MSDB5006	Immunology	4	0	0	4
2	MSDB5008	Biotechnology And Genetic Engineering	4	0	0	4
3	MSBM5014	Physiology	4	0	0	4

4	MSDB5010	Metabolism of Biomolecules	3	0	0	3
5	MSBM5012	Advanced Biomedical Sciences Lab - II	0	0	4	2
6	MLLUCT1001	Professional Communication	1	0	2	2
7	MBS28T2111	Research Methodology	2	0	0	2
8	MLEUCT1003	Creativity, Innovation and Entrepreneurship & IPR	1	0	0	1
9	M.....	Computational and Graphical Tools	2	0	0	0
		Total Credits				22
SEMESTER III						
S. No	Course Code	Course Title	L	T	P	C
1	MSDB6001	Genetics	4	0	0	4
2	MSDB6002	Medical and Pharmaceutical Microbiology	4	0	0	4
3	MSBM6004	Pharmacology and Toxicology	4	0	0	4

4	MSBM6005	Principles of Medicinal Chemistry	4	0	0	4
5	(Elective)	Elective	3	0	0	3
6	MSBM6007	Advanced Biomedical Science Lab - III	0	0	4	2
7	MLLUCT1003	Campus to Corporate	3	0	0	3
8	MSBM6008	Industry training	0	0	2	1
9	M.....	Start up, Innovation, Incubation and Entrepreneurship	2	0	0	0
		Total Credits				25
SEMESTER IV (22-24)						
S. No	Course Code	Course Title	L	T	P	C
1	MSBM9997	Dissertation	0	0	0	12
		Total Credit				12
Sl. No.	Course Title	L	T	P	C	
1	Computational Biology	3	0	0	3	
2	Histology and Histochemistry	3	0	0	3	
3	Toxicology	3	0	0	3	

4	Industrial Aspects in Life Science	3	0	0	3	
5	Recent Trends in Biological Research	3	0	0	3	
6	Pharmaceutical Biotechnology	3	0	0	3	
7	Structural Biology and Vaccine Development	3	0	0	3	