

Core Module						
M.Sc. Biological Science 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	MSDB5004	Fundamentals of Biochemistry	4	0	0	4
4	MSBS5004	Ecology	4	0	0	4
5	MSDB5007	Bioanalytical and Microbial Techniques	4	0	0	4
6	MSBS5005	Advanced Biological Science 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	MSDB5010	Microbiology	4	0	0	4
4	MSBS5014	Animal Physiology	3	0	0	3

5	MSBS5012	Advanced Biological Science 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	MSBS6002	Plant Physiology	4	0	0	4
3	MSBS6004	Protein Biology	4	0	0	4
4	MSBS6005	Evolution	4	0	0	4
5	(Elective)	Elective	3	0	0	3
6	MSBS6007	Advanced Biological Science Lab- III	0	0	4	2
7	MLLUCT1003	Campus to Corporate	3	0	0	3
8	MSBS6008	Industry training	0	0	2	1

9	M.....	Start up, Innovation, Incubation and Entrepreneurship	2	0	0	0
		Total Credit				25

SEMESTER IV (22-24)

S. No	Course Code	Course Title	L	T	P	C
1	MSBS9997	Dissertation	0	0	0	12
		Total Credit				12

Electives

Sl. No.	Course Title	L	T	P	C
1	Computational Biology	3	0	0	3
2	Systematics, Evolution and Ecology	3	0	0	3
3	Toxicology	3	0	0	3
4	Industrial Aspects in Life Science	3	0	0	3
5	Animal behavior and Environmental biology	3	0	0	3
6	Recent Trends in Biological Research	3	0	0	3
7	Pharmaceutical Biotechnology	3	0	0	3

8	Structural Biology and Vaccine Development	3	0	0	3	
---	---	---	---	---	---	--