

Programme Structure: Template for M.Sc. Biochemistry Programme

Course Codes	Title of the Course	Type of Course	Course Credits
Year:1 - Semester I			
MBC-001	Concepts of Biochemistry (Core)	Theory	4
MBC-002	Cell and Molecular Biology (Core)	Theory	4
MBC-003	Bioanalytical Techniques (Core)	Theory	4
MBCL-001	Biochemistry Lab I(Core)	Lab	4
Year:1 Semester II			
MBC-004	Enzymes and their applications (Core)	Theory	4
MBC-005	Concepts and connections in metabolism (Core)	Theory	4
MBC-006	Recombinant DNA Technology and its applications (Core)	Theory	4
MBCL-002	Biochemistry Lab II	Lab	4
<i>Elective course (*any two in a year)</i>			
MBCE-012*	Plant Biochemistry	Elective	4*
MBCE-013*	Human Physiology	Elective	4*
MBCE-014*	Microbiology	Elective	4*
Year:2- Semester III			
MBC-007	Bioinformatics and Biostatistics (Core)	Theory	4
MBC-008	Genetics and Evolutionary Biology (Core)	Theory	4
MBC-009	Clinical Biochemistry (Core)	Theory	4
MBCL-003	Biochemistry Lab III (Core)	Theory	4
Year:2- Semester IV			
MBC-010	Research methodology(Core)	Theory	4
MBC-011	Animal and Plant tissue culture(Core)	Theory	4
MBCP-001	Project	Project	8
<i>Elective course (*any two in a year)</i>			
MBCE-015*	Immunology and immunological techniques	Elective	4*
MBCE-016*	Toxicology	Elective	4*
MBCE-017*	OMICS	Elective	4*

