

M.Sc. (Biochemistry)

Course Code	Title of the Course	Instructions Hours/ Week (Hrs)	Duration of Exam (Hrs)	Marks			Credits
				IA	Semester End Exam	Total	
Semester - I							
LS2HPHC500	Fundamentals of Biochemistry	4	2 ½	40	60	100	4
LS2HPHC501	Biochemical Techniques	4	2 ½	40	60	100	4
LS2HPHP500	Bioquantitation	8	4	40	60	100	4
LS2HPSC521	Chemical Principles of Biology	3	2 ½	40	60	100	3
LS2HPSC522	Human Physiology	3	2 ½	40	60	100	3
LS2HPSP521	Analytical Techniques	6	4	40	60	100	3
	Total					600	21
Semester - II							
LS2HPHC550	Enzymology	4	2 ½	40	60	100	4
LS2HPHC551	Metabolism-I	4	2 ½	40	60	100	4
LS2HPHP550	Practical Enzymology	8	4	40	60	100	4
LS2HPHC552	Genetics	4	2 ½	40	60	100	4
LS2HPSC571	Cell Biology and Cell Culture	3	2 ½	40	60	100	3
LS2HPSP571	Techniques in Cell Culture and Genetics	6	4	40	60	100	3
LS2HPOE589	Health and Diseases	3	2 ½	40	60	100	3
	Total					700	25

Semester - III							
Course Code	Title of the Course	Instructions Hours/ Week (Hrs)	Duration of Exam (Hrs)	Marks			Credits
				IA	Semester End Exam	Total	
LS2HPHC600	Molecular Biology	4	2 ½	40	60	100	4

LS2HPHP600	Techniques in Molecular Biology	8	4	40	60	100	4
LS2HPHC601	Metabolism -II	4	2 ½	40	60	100	4
LS2HPRM600	Research Methodology, Ethics and Biostatistics	3	2 ½	40	60	100	3
LS2HPSC621	Clinical Biochemistry and Clinical Research	3	2 ½	40	60	100	3
LS2HPSP621	Metabolism and Clinical Biochemistry	6	4	40	60	100	3
LS2HPOE639	Evolution and Ecology	3	2 ½	40	60	100	3
	Total					700	24
Semester - IV							
LS2HPHC650	Immunology	4	2 ½	40	60	100	4
LS2HPPR686	Project Work	24	4	80	120	200	12
LS2HPSC671	Genetic Engineering and Bioinformatics	3	2 ½	40	60	100	3
LS2HPSP671	Experiments in Bioinformatics and Genetic Engineering	6	4	40	60	100	3
	Total					500	22
	Grand Total					2500	92