

M.Sc. Biosciences

Department of Biosciences
Jamia Millia Islamia

Semester wise Papers & Credit Structure under Choice Based Credit System (CBCS)

Semester	Core Papers	CBCS(Elective)	Skill enhancement Course (SEC)	Ability enhancement compulsory courses (AECC)	Total Papers	Credits
I	1. Biochemistry – BSM-101 (4) 2. Cell Biology – BSM-102 (4) 3. Genetics – BSM-103 (4) 4. Lab Course I – BSM-105 (6)	Bioinformatics & Biostatistics – BSM-104 (4)			4+1=5	22
II	1. Animal Physiology – BSM-201 (4) 2. Microbiology – BSM-202 (4) 3. Genome Biology – BSM-203 (4) 4. Lab Course-II – BSM-206 (6)	Biophysics – BSM-204 (4)	Recombinant DNA Technology – BSM-205 (4)		4+1+1=6	26
III	1. Immunology – BSM-301 (4) 2. Plant Physiology – BSM-302 (4) 3. Molecular Biology – BSM-303 (4) 4. Lab Course-III – BSM-306 (6)	Environmental Biology – BSM-305 (4)		Technical Writing & Seminar – BSM-304 (4)	4+1+1=6	26
IV	1. Physical Chemistry of Macromolecules – BSM-401 (4) 2. Lab Course IV – BSM-403 (2) 3. Project & Dissertation – BSM-404 (8)	Toxicology – BSM-402 (4)			3+1=4	18
No. of Papers	15	4	1	1	21	
Total credits	68	16	4	4	-	92