

M.Sc. Biochemistry

Department of Biosciences
Jamia Millia Islamia

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

Semester	Core Courses/ Credits	CBCS (Elective)	Skill enhancement Course (SEC)	Ability enhancement compulsory courses (AECC)	Total Papers	Credits
I	1. Organic Chemistry & Biomolecules – BCM-101 (4) 2. Cell Biology – BCM-102 (4) 3. Genetics – BCM-103 (4) 4. Lab Course I – BCM-105 (6)	Microbiology – BCM-104 (4)			4+1=5	22
II	1. Immunology – BCM-201 (4) 2. Intermediary Metabolism – BCM-202 (4) 3. Enzymology – BCM-203 (4) 4. Lab Course II – BCM-206 (6)	Human Physiology – BCM-204 (4)	Biochemical Technique – BCM-205 (4)		4+1+1=6	26
III	1. Molecular Biology – BCM-301 (4) 2. Nutritional Biochemistry – BCM-302 (4) 3. Neurobiochemistry – BCM-303 (4) 4. Plant Biochemistry – BCM-305 (4) 5. Lab Course III – BCM-306 (8)	Biochemical & Environmental Toxicology – BCM-304 (4)			5+1=6	28
IV	1. Project & Dissertation – BCM-403 (8)	Bioinformatics & Biostatistics – BCM-402 (4)		Technical Writing & Seminar – BCM-401 (4)	1+1+1=3	16
No. of Papers	14	4	1	1	20	
Total credits	68	16	4	4		92