

B.Sc. Biosciences

Department of Biosciences
Jamia Millia Islamia

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

Semester	Qualifying Papers	Compulsory Papers	Core Papers	CBCS (Elective)	Skill enhancement Course (SEC)	Ability enhancement compulsory courses (AECC)	Total Papers	Credits
I	Islamiat/IRC/ HRS General Urdu	General English-I – BLE-011 (4)	1. Animal Diversity-I – BSB-101 (4) 2. Plant Diversity-I – BSB-102 (4) 3. Lab Course I – BSB-104 (4)	Essential Mathematics – BSB-103 (4)	-	-	1+3+1=5	20
II	Islamiat/IRC/ HRS General Urdu	General English-II– BLE-021 (4)	1. Animal Diversity-II – BSB-201 (4) 2. Plant Diversity-II – BSB-202 (4) 3. Chemistry-I – BSB-203 (4) 4. Lab Course II – BSB-205 (4)	Biomathematics & Biostatistics – BSB-204 (4)	-	-	1+4+1=6	24
III		-	1. Cell Biology – BSB-301 (4) 2. Molecular Biology – BSB-302 (4) 3. Chemistry-II – BSB-303 (4) 4. Lab Course III – BSB-305 (4)	-	-	Environmental Science – BSB-304 (4)	4+1=5	20
IV		-	1. Developmental Biology – BSB-401 (4) 2. Animal Physiology – BSB-402 (4) 3. Plant Physiology – BSB-403 (4) 4. Lab Course IV – BSB-405 (4)	Biophysics – BSB-404 (4)	-	-	4+1=5	20
V	-	-	1. Microbiology – BSB-501 (4) 2. Immunology – BSB-502 (4) 3. Genetics – BSB-503 (4) 4. Lab Course V – BSB-505 (4)	Bioinformatics & Information Technology – BSB-504 (4)	-	-	4+1=5	20
VI	-	-	1. Biochemistry – BSB-601 (4) 2. Ecology – BSB-602 (4) 3. Organic Evolution – BSB-603 (4) 4. Lab Course VI – BSB-605 (4)	-	Techniques in Biology – BSB-604 (4)	-	4+1=5	20
No. of Papers	-	2	17 (Theory) + 6 (Lab) = 23	4	1	1	31	
Total credits	-	8	92	16	4	4		124