

Course Offering
Semester: Spring2025

Program: BS Biochemistry/ Biosciences/ Bio Tech/ Micro Bio

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Batch	Remarks
1.	BBCG1113 BBTG1113	Functional English	General Education	1	Nil	Nil	1	251	Shared Biochemistry / Biotech/ MLT
2.	BS1113	Cell Biology	Major	1	Nil	BS1111	1	251	Shared Biochemistry / Biotech/ MLT
3.	BS1111	Cell Biology Lab	Major	2	Nil	BS1113	1	251	Shared Biochemistry / Biotech/ MLT
4.	BBCG1593 BBTG1593	Basic Mathematics	General Education	1	Nil	Nil	1	251	Shared Biochemistry / Biotech/ MLT
5.	BBCG1612 BBTG1612	Applications of Information and Communication Technologies	General Education	1	Nil	BBTG1611	1	251	Shared Biochemistry / Biotech/ MLT
6.	BBCG1611 BBTG1611	Applications of Information and Communication Technologies Lab	General Education	2	Nil	BBTG1612	1	251	Shared Biochemistry / Biotech/ MLT
7.	BBCG1412 BBTG1412	Sociology	General Education	1	Nil	Nil	1	251	Shared Biochemistry / Biotech/ MLT
8.	BBTG1012 BBCG1012	Islamic Studies/Ethics	General Education	1	Nil	Nil	1	251	Shared Biochemistry / Biotech/ MLT
9.	BBTG1010 BBCG1010	Taleem ul Quran	General Education	1	Nil	Nil	1	251	Shared Biochemistry / Biotech/ MLT
10.	BBCG1123 BBTG1123	Expository Writing	General Education	1	BBTG1113	Nil	2	243	Shared Biochemistry / Biotech/ MLT
11.	BBCG1563 BBTG1563	Statistics	General Education	1	Nil	Nil	2	243	Shared Biochemistry / Biotech/ MLT

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12.	BBCG1022 BBTG1022	Ideology and Constitution of Pakistan	General Education	1	Nil	Nil	2	243	Shared Biochemistry / Biotech/ MLT
13.	BBCG1322 BBTG1322	Chemistry	General Education	1	BBTG1313	Nil	2	243	Shared Biochemistry / Biotech/ MLT
14.	BBCG1321 BBTG1321	Chemistry Lab	General Education	2	Nil	Nil	2	243	Shared Biochemistry / Biotech/ MLT
15.	BS1143	Introduction to Microbiology	Major	1	BS1113	Nil	2	243	Shared Biochemistry / Biotech/ MLT
16.	BS1141	Introduction to Microbiology Lab	Major	2	Nil	Nil	2	243	Shared Biochemistry / Biotech/ MLT
17.	BS1433	Introduction to Genetics	Major	1	BS1113	Nil	2	243	Shared Biochemistry / Biotech/ MLT
18.	BBCG1132 BBTG1132 BMBG1132	English Literature	General Education	1	Nil	Nil	3	241	Shared Biochemistry / Biotech/ Microbiology
19.	BS2223	Biochemistry	Major	1	Nil	Nil	3	241	Shared Biochemistry / Biotech/ Microbiology
20.	BS2221	Biochemistry Lab	Major	1	Nil	Nil	3	241	Shared Biochemistry / Biotech/ Microbiology
21.	BS1153	Introduction to Immunology	Major	1	Nil	Nil	3	241	Shared Biochemistry / Biotech/ Microbiology
22.	BS1151	Introduction to Immunology Lab	Major	2	Nil	Nil	3	241	Shared Biochemistry / Biotech/ Microbiology
23.	CSBS2413	Programming for Biologists	Allied Courses	1	Nil	Nil	3	241	Shared Biochemistry / Biotech/ Microbiology
24.	BS2143	Biophysics	Major	1	Nil	Nil	3	241	Shared Biochemistry / Biotech/ Microbiology
25.	BBTG2712	Entrepreneurship	General Education	1	Nil	Nil	3	241	Shared Biochemistry / Biotech/ Microbiology
26.	BS3813	Introduction to Biotechnology	Major	1	Nil	Nil	4	233	Shared Biochemistry / Biotech/ Microbiology

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27.	BS2523	Molecular Biology	Major	1	Nil	Nil	4	233	Shared Biochemistry / Biotech/ Microbiology
28.	BS2521	Molecular Biology Lab	Major	2	Nil	Nil	4	233	Shared Biochemistry / Biotech/ Microbiology
29.	BBCG2812 BBTG2812 BMBG2812	Civics and Professional Ethics	General Education	1	Nil	Nil	4	233	Shared Biochemistry / Biotech/ Microbiology
30.	BS2713	Introduction to Bioinformatics	Major	1	Nil	Nil	4	233	Shared Biochemistry / Biotech/ Microbiology
31.	BS2711	Introduction to Bioinformatics Lab	Major	2	Nil	Nil	4	233	Shared Biochemistry / Biotech/ Microbiology
32.	CSBS4623	Artificial Intelligence in Biological Sciences	Distribution	1	Nil	Nil	4	233	Shared Biochemistry / Biotech/ Microbiology
33.	BC3113	Human Physiology	Major	1	Nil	Nil	5	231	Biotech/ Biochemistry
34.	BS2213	Chemistry	Major	1	Nil	Nil	5	231	Shared Biochemistry / Biotech/ Microbiology
35.	CSBS2413	Programming for Biologist	Distribution	1	Nil	Nil	5	231	Shared Biochemistry / Biotech/ Microbiology
36.	BS2143	Biophysics	Major	1	Nil	Nil	5	231	Shared Biotech/ Microbiology
37.	BT3373	Microbial Biotechnology	Major	2	Nil	Nil	5	231	Biotech/ Microbiology
38.	MB2323	Microbial Ecology	Major	1	Nil	Nil	5	231	Biotech/ Microbiology
39.	BC3123	Clinical Biochemistry	Major	1	Nil	Nil	5	231	Biochemistry/ Microbiology
40.	BC3121	Clinical	Major	1	Nil	Nil	5	231	Biochemistry/

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		Biochemistry Lab							Microbiology
41.	BS2153	Animal and Plant Physiology	Major	1	Nil	Nil	5	231	Biochemistry/Biotechnology
42.	MB3333	Virology	Major	1	Nil	Nil	5	231	Biochemistry/Biotechnology
43.	BS3813	Introduction to Biotechnology	Major	1	Nil	Nil	6	223	Shared Biochemistry / Biotech/ Microbiology
44.	BC3113	Human Physiology	Major	1	Nil	Nil	6	223	Biotech/ Biochemistry
45.	MB3333	Virology	Major	1	Nil	Nil	6	223	Biochemistry/Microbiology
46.	BC3123	Clinical Biochemistry	Major	1	Nil	Nil	6	223	Biochemistry/ Microbiology
47.	BC3121	Clinical Biochemistry Lab	Major	1	Nil	Nil	6	223	Biochemistry/ Microbiology
48.	BT3853	Agriculture Biotechnology	Major	2	Nil	Nil	6	223	Biochemistry/Biotechnology/Microbiology
49.	MB2323	Microbial Ecology	Major	1	Nil	Nil	6	223	Biotech/ Microbiology
50.	BS4523	Functional Genomics	Distribution	1	Nil	Nil	6	223	Shared Biochemistry / Biotech/ Microbiology
51.	CSBS4623	Artificial Intelligence in Biological Sciences	Distribution	1	Nil	Nil	6	223	Shared Biotechnology/ Microbiology/ Biochemistry
52.	BT3373	Microbial Biotechnology	Major	1	Nil	Nil	6	223	Biotech/ Microbiology
53.	BS2213	Chemistry	General Education	2	BBTG1313	Nil	7	221	Shared Biosciences / Biotech/ Microbiology

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54.	BT3853	Agriculture Biotechnology	Major	2	Nil	Nil	7	221	Biochemistry/Biotechnology/Microbiology
55.	MB3333	Virology	Major	1	Nil	Nil	7	221	Microbiology
56.	BS2153	Animal and Plant Physiology	Major	1	Nil	Nil	7	221	Shared Biosciences / Biotech/ Microbiology
57.	BS2163	Developmental Biology	Elective	1	Nil	Nil	7	221	Shared Biosciences / Biotech/ Microbiology
58.	BC3113	Human Physiology	Elective	1	Nil	Nil	7	221	Shared Biosciences / Biotech/ Microbiology
59.	BT3843	Health Biotechnology	Major	2	Nil	Nil	7	221	Shared Biosciences / Biotech/ Microbiology
60.	MB2323	Microbial Ecology	Major	1	Nil	Nil	7	221	Shared Biosciences / Biotech/ Microbiology
61.	BT3373	Microbial Biotechnology	Major	2	Nil	Nil	7	221	Shared with Biotechnology/ Microbiology/ Biosciences
62.	MB4323	Soil Microbiology	Major	1	Nil	Nil	7	221	Shared with Biotechnology/ Microbiology/ Biosciences
63.	BS4912	Design Project (Part-I)	Required	1	Nil	Nil	7	221	Shared with Biotechnology/ Microbiology/ Biosciences
64.	BS4523	Functional Genomics	Distribution	2	Nil	Nil	8	213	Shared Biosciences / Biotech/ Microbiology
65.	MB2323	Microbial Ecology	Major	1	Nil	Nil	8	213	Shared Biosciences / Biotech/ Microbiology
66.	BS2173	Biodiversity and Conservation	Elective	1	Nil	Nil	8	213	Shared Biosciences / Biotech/ Microbiology
67.	BT3843	Health Biotechnology	Major	2	Nil	Nil	8	213	Biotechnology
68.	MB4323	Soil Microbiology	Major	1	Nil	Nil	8	213	Microbiology

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69.	BC3123	Clinical Biochemistry	Major	1	Nil	Nil	8	213	Shared with Biotechnology/ Microbiology/ Biosciences
70.	BC3113	Human Physiology	Elective	1	Nil	Nil	8	213	Shared Biosciences / Biotech/ Microbiology
74.	BS4924	Design Project (Part-II)	Required	1	Nil	Nil	8	213	Shared with Biotechnology/ Microbiology/ Biosciences.