

Course Offering

Semester: Fall 2025

Program: BS (Biosciences, Biotechnology, Microbiology, Biochemistry and Medical Lab Technology

S.#	Code	Course Title	Status	No of Section	Pre-Req.	Co-Req.	Semester	Batch
1.	BBTG1113 / BBCG1113 / MLTG1113	Functional English	General Education	1	Nil	Nil	1	253
2.	BBTG1593 / BBCG1593 / MLTG1593	Basic Mathematics	General Education	1	Nil	Nil	1	253
3.	BBTG1612 / BBCG1612 / MLTG1612	Applications of Information and Communication Technologies	General Education	1	Nil	BBTG1611 BBCG1611 MLTG1611	1	253
4.	BBTG1611 / BBCG1611 / MLTG1611	Applications of Information and Communication Technologies Lab	General Education	2	Nil	BBTG1612 BBCG1612 MLTG1612	1	253
5.	BBTG1012 / BBCG1012 / MLTG1012	Islamic Studies/Ethics	General Education	1	Nil	Nil	1	253
6.	BS1113	Cell Biology	Major	1	Nil	BS1111	1	253
7.	BS1111	Cell Biology Lab	Major	2	Nil	BS1113	1	253
8.	BS1143	Introduction to Microbiology	Major	1	Nil	BS1141	1	253
9.	BS1141	Introduction to Microbiology Lab	Major	2	Nil	BS1143	1	253

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10.	BBTG1123 / BBCG1123 / MLTG1123	Expository Writing	General Education	1	BBTG1113 BBCG1113 MLTG1113	Nil	2	251
11.	BBTG1022 / BBCG1022 / MLTG1022	Ideology and Constitution of Pakistan	General Education	1	Nil	Nil	2	251
12.	BBTG1563 / BBCG1563 / MLTG1563	Statistics	General Education	1	Nil	Nil	2	251
13.	BBTG1322 / BBCG1322 / MLTG1322	Chemistry	General Education	1	Nil	Nil	2	251
14.	BBTG1321 / BBCG1321 / MLTG1321	Chemistry Lab	General Education	1	Nil	Nil	2	251
15.	BS1433	Introduction to Genetics	Major	1	BS1113	Nil	2	251
16.	BS1143	Introduction to Microbiology	Major	1	BS1113	Nil	2	251
17.	BS1141	Introduction to Microbiology Lab	Major	1	Nil	Nil	2	251
18.	BS1153	Introduction to Immunology	Major	1	Nil	Nil	2	251
19.	BS1151	Introduction to Immunology Lab	Major	1	Nil	Nil	2	251
20.	CSBS2413	Programming for Biologist	Allied	1	Nil	Nil	3	243
21.	BS2223	Biochemistry	Major	1	Nil	Nil	3	243
22.	BS2221	Biochemistry Lab	Major	1	Nil	Nil	3	243
23.	BBTG1132 / BBCG1132 / MLTG1132	English Literature	General Education	1	Nil	Nil	3	243
24.	BBTG1032 /	Pakistan Studies	General	1	Nil	Nil	3	243

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	BBTG1032 / MLTG1032		Education					
25.	BS1153	Introduction to Immunology	Major	1	Nil	Nil	3	243
26.	BS1151	Introduction to Immunology Lab	Major	1	Nil	Nil	3	243
27.	BS2143	Biophysics	Major	1	Nil	Nil	3	243
28.	BS2523	Molecular Biology	Major	1	Nil	Nil	3	243
29.	BS2521	Molecular Biology Lab	Major	1	Nil	Nil	3	243
30.	BS2713	Introduction to Bioinformatics	Major	1	Nil	Nil	3	243
31.	BS2523	Molecular Biology	Major	1	Nil	Nil	4	241
32.	BS2521	Molecular Biology Lab	Major	1	Nil	Nil	4	241
33.	BS2713	Introduction to Bioinformatics	Major	1	Nil	Nil	4	241
34.	BS2711	Introduction to Bioinformatics Lab	Major	1	Nil	Nil	4	241
35.	CSBS2413	Artificial Intelligence in Biological Sciences	Allied	1	Nil	Nil	4	241
36.	BBTG2812 / BBCG2812 / BMBG2812	Civics and Professional Ethics	General Education	1	Nil	Nil	4	241
37.	BBTG1032 / BBTG1032 / MLTG1032	Pakistan Studies	General Education	1	Nil	Nil	4	241

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38.	BS3813	Introduction to Biotechnology	Major	1	Nil	Nil	4	241
39.	BGBS4003	Introduction to Management	Allied	2	Nil	Nil	5	233
40.	BBTG1032 / BBTG1032 / MLTG1032	Pakistan Studies	General Education	2	Nil	Nil	5	233
41.	BS3823	Bioethics and Biosafety	Major	2	Nil	Nil	5	233
42.	BS3513	Protein Chemistry	Major	2	Nil	Nil	5	233
43.	BT3733	Industrial Biotechnology	Major	1	Nil	Nil	5	223
44.	BT4453	Genetic Engineering	Major	1	Nil	Nil	5	233
45.	BC3143	Bio-Membrane and signaling	Major	1	Nil	Nil	5	233
46.	BC3213	Plant Biochemistry	Major	1	Nil	Nil	5	233
47.	BC3211	Plant Biochemistry Lab	Major	1	Nil	Nil	5	233
48.	MB3313	Medical Microbiology	Major	1	Nil	Nil	5	233
49.	MB3353	Mycology	Major	1	Nil	Nil	5	233
50.	BS3323	Research Methods	Major	1	Nil	Nil	6	231
51.	ACBS2003	Accounting-I	Allied	1	Nil	Nil	6	231
52.	BS4523	Functional Genomics	Major	1	Nil	Nil	6	231
53.	BS3363	Epidemiology	Elective	1	Nil	Nil	6	231

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54.	BT3733	Industrial Biotechnology	Major	1	Nil	Nil	6	231
55.	BT4453	Genetic Engineering	Major	1	Nil	Nil	6	231
56.	BC3143	Bio-membrane and signaling	Major	1	Nil	Nil	6	231
57.	BC3213	Plant Biochemistry	Major	1	Nil	Nil	6	231
58.	BC3211	Plant Biochemistry Lab	Major	1	Nil	Nil	6	231
59.	MB3313	Medical Microbiology	Major	1	Nil	Nil	6	231
60.	MB3353	Mycology	Major	1	Nil	Nil	6	231
61.	BS3823	Bioethics and Biosafety	Major	1	Nil	Nil	7	223
62.	BS4523	Functional Genomics	Major	1	Nil	Nil	7	223
63.	BS3363	Epidemiology	Elective	1	Nil	Nil	7	223
64.	BT4873	Environmental Biotechnology	Major	1	Nil	Nil	7	223
65.	BT3733	Industrial Biotechnology	Major	1	Nil	Nil	7	223
66.	BT4453	Genetic Engineering	Major	1	Nil	Nil	7	223
67.	BC3143	Bio-Membrane and Signaling	Major	1	Nil	Nil	7	223
68.	BC3213	Plant Biochemistry	Major	1	Nil	Nil	7	223

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69.	BC3211	Plant Biochemistry Lab	Major	1	Nil	Nil	7	223
70.	MB3313	Medical Microbiology	Major	1	Nil	Nil	7	223
71.	MB3353	Mycology	Major	1	Nil	Nil	7	223
72.	BS4912	Design Project (Part-I)	Required	1	Nil	Nil	7	223
73.	BS3823	Bioethics and Biosafety	Major	2	Nil	Nil	8	221
74.	BS4523	Functional Genomics	Major	2	Nil	Nil	8	221
75.	BS3363	Epidemiology	Elective	2	Nil	Nil	8	221
76.	BBTG1322 / BBCG1322 / MLTG1322	Chemistry	Major	2	Nil	Nil	8	221
77.	BBTG1563 / BBCG1563 / MLTG1563	Statistics	General Education	2	Nil	Nil	8	221
78.	ACBS2003	Accounting-I	Allied	2	Nil	Nil	8	221
79.	BGBS4003	Introduction to Management	Allied	2	Nil	Nil	8	221
80.	BT4873	Environmental Biotechnology	Major	2	Nil	Nil	8	221
81.	BT3733	Industrial Biotechnology	Major	2	Nil	Nil	8	221
82.	BT4453	Genetic Engineering	Major	2	Nil	Nil	8	221

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83.	BC3143	Bio-Membrane and Signaling	Major	2	Nil	Nil	8	221
84.	BC3213	Plant Biochemistry	Major	2	Nil	Nil	8	221
85.	MB3313	Medical Microbiology	Major	2	Nil	Nil	8	221
86.	MB3353	Mycology	Major	2	Nil	Nil	8	221
87.	BS4924	Design Project (Part-II)	Required	2	BS4912	Nil	8	221