

Course Offering
Semester: Spring 2026
Program: BS (Biosciences, Biotechnology, Microbiology, Biochemistry)

S.#	Code	Course Title	Status	No of Sections	Pre-Req.	Co-Req.	Semester
1.	BBTG1113	Functional English	General Education	1	Nil	Nil	1
2.	BBTG1593	Basic Mathematics	General Education	1	Nil	Nil	1
3.	BBTG1612	Applications of Information and Communication Technologies	General Education	1	Nil	Nil	1
4.	BBTG1611	Applications of Information and Communication Technologies Lab	General Education	1	Nil	Nil	1
5.	BBTG1012	Islamic Studies/Ethics	General Education	1	Nil	Nil	1
6.	BS1113	Cell Biology	Major	1	Nil	Nil	1
7.	BS1111	Cell Biology Lab	Major	1	Nil	Nil	1
8.	BBTG1123	Expository Writing	General Education	1	BBTG1113	Nil	2
9.	BBTG1022	Ideology and Constitution of Pakistan	General Education	1	Nil	Nil	2
10.	BBTG1563	Statistics	General Education	1	Nil	Nil	2
11.	BBTG1322	Chemistry	General Education	1	BBTG1313	Nil	2
12.	BBTG1321	Chemistry Lab	General Education	1	Nil	Nil	2
13.	BS1433	Introduction to Genetics	Major	1	BS1113	Nil	2
14.	BS2223	Biochemistry	Major	1	Nil	Nil	2
15.	BS2221	Biochemistry Lab	Major	1	BS1113	Nil	2

S.#	Code	Course Title	Status	No of Sections	Pre-Req.	Co-Req.	Semester
16.	BBTG1021	Fehm ul Quran I	Major	2	Nil	Nil	2
17.	CSBS2413	Programming for Biologist	Allied	1	Nil	Nil	3
18.	BS2523	Molecular Biology	Major	1	Nil	Nil	3
19.	BS2521	Molecular Biology Lab	Major	1	Nil	Nil	3
20.	BBTG2712	Entrepreneurship	General Education	1	Nil	Nil	3
21.	BBTG1032	Pakistan Studies	Major	1	Nil	Nil	3
22.	BS2713	Introduction to Bioinformatics	Major	1	Nil	Nil	3
23.	BS2711	Introduction to Bioinformatics Lab	Major	1	Nil	Nil	3
24.	BS3823	Bioethics and Biosafety	Major	1	Nil	Nil	3
25.	CSBS2413	Artificial Intelligence in Biological Sciences	Allied	1	Nil	Nil	4
26.	BBTG2812	Civics and Professional Ethics	General Education	1	Nil	Nil	4
27.	BBTG2712	Entrepreneurship	General Education	1	Nil	Nil	4
28.	BS2523	Molecular Biology	Major	1	Nil	Nil	4
29.	BS2521	Molecular Biology Lab	Major	2	Nil	Nil	4
30.	BS2713	Introduction to Bioinformatics	Major	1	Nil	Nil	4
31.	BS2711	Introduction to Bioinformatics Lab	Major	1	Nil	Nil	4
32.	BGBS4003	Introduction to Management	Allied	1	Nil	Nil	5
33.	BS3823	Bioethics and Biosafety	Major	1	Nil	Nil	5
34.	BS2153	Animal and Plant Physiology	Major	1	Nil	Nil	5
35.	BT3853	Agriculture Biotechnology	Major	1	Nil	Nil	5
36.	BT3843	Health Biotechnology	Major	1	Nil	Nil	5
37.	BC3313	Environmental Biochemistry	Major	1	Nil	Nil	5

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38.	BC3133	Enzymology	Major	1	Nil	Nil	5
39.	BC4333	Toxicology	Major	1	Nil	Nil	5
40.	MB2323	Microbial Ecology	Major	1	Nil	Nil	5
41.	MB4333	Food Microbiology	Major	1	Nil	Nil	5
42.	MB4323	Soil Microbiology	Major	1	Nil	Nil	5
43.	BS4523	Functional Genomics	Major	1	Nil	Nil	6
44.	BS3323	Research Methods	Major	1	Nil	Nil	6
45.	MB2323	Microbial Ecology	Major	1	Nil	Nil	6
46.	MB4333	Food Microbiology	Major	1	Nil	Nil	6
47.	MB4323	Soil Microbiology	Major	1	Nil	Nil	6
48.	BS2153	Animal and Plant Physiology	Major	1	Nil	Nil	6
49.	BT3853	Agriculture Biotechnology	Major	1	Nil	Nil	6
50.	BT3843	Health Biotechnology	Major	1	Nil	Nil	6
51.	BC3313	Environmental Biochemistry	Major	1	Nil	Nil	6
52.	BC3133	Enzymology	Major	1	Nil	Nil	6
53.	BC4333	Toxicology	Major	1	Nil	Nil	6
54.	BS3813	Introduction to Biotechnology	Major	1	Nil	Nil	7
55.	BC3313	Environmental Biochemistry	Distribution	1	Nil	Nil	7
56.	BC3133	Enzymology	Distribution	1	Nil	Nil	7
57.	BC4333	Toxicology	Major	1	Nil	Nil	7
58.	BS2153	Animal and Plant Physiology	Major	1	Nil	Nil	7
59.	BT3853	Agriculture Biotechnology	Major	1	Nil	Nil	7

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60.	BT3843	Health Biotechnology	Major	1	Nil	Nil	7
61.	MB2323	Microbial Ecology	Major	1	Nil	Nil	7
62.	MB4333	Food Microbiology	Major	1	Nil	Nil	7
63.	MB4323	Soil Microbiology	Major	1	Nil	Nil	7
64.	BS3193	Biosystematics and classification	Elective	1	Nil	Nil	7
65.	BS2163	Developmental Biology	Elective	1	Nil	Nil	7
66.	CSBS2413	Programming for Biologist	Allied	1	Nil	Nil	7
67.	BS4912	Design Project (Part-I)	Required	1	Nil	Nil	7
68.	BC3313	Environmental Biochemistry	Major	1	Nil	Nil	8
69.	BC3133	Enzymology	Major	1	Nil	Nil	8
70.	BC4333	Toxicology	Major	1	Nil	Nil	8
71.	BS2153	Animal and Plant Physiology	Major	1	Nil	Nil	8
72.	BT3853	Agriculture Biotechnology	Major	1	Nil	Nil	8
73.	BT3843	Health Biotechnology	Major	1	Nil	Nil	8
74.	MB2323	Microbial Ecology	Major	1	Nil	Nil	8
75.	MB4333	Food Microbiology	Major	1	Nil	Nil	8
76.	MB4323	Soil Microbiology	Major	1	Nil	Nil	8
77.	BS3193	Biosystematics and classification	Elective	1	Nil	Nil	8
78.	BS2163	Developmental Biology	Elective	1	Nil	Nil	8
79.	CSBS2413	Programming for Biologist	Allied	1	Nil	Nil	8
74.	BS4924	Design Project (Part-II)	Required	1	Nil	Nil	8