

BS Biotechnology			
Semester	Course Code	Course Title	No. of Sections
Semester 1	BT1303	Introduction to Biotechnology	1
	BT1222	Organic Chemistry	1
	BT1221	Organic Chemistry-Lab	1
	NS101	Environmental Sciences	1
	ICT101	Applications of Information and Communication Technologies	1
	ICTL101	Applications of Information and Communication Technologies Lab	1
	ENG110	Functional English	1
	QR101	Quantitative Reasoning-1	1
Semester 2	Course Code	Course Title	No. of Sections
	BC1222	Essentials of Biochemistry	2
	BC1221	Essentials of Biochemistry -Lab	2
	BT2803	Ecology, Biodiversity & Evolution-I	2
	ENG211	Expository Writing	2
	AH204	Sign Language	2
	ISL110	Islamic Studies/Ethics	2
	QR201	Quantitative Reasoning-2	2
	PSY101	Introduction to Psychology	2
3	Course Code	Course Title	No. of Sections
	ENG203	English-III	1
	BT2803	Ecology, Biodiversity & Evolution-I	1
	STS101	Statistics I	1

Semester	BT2403	Biological Physics	1
	BT2242	Biochemistry-II	1
	BT2241	Biochemistry-II-Lab	1
	BT2602	Cell Biology	1
	BT2601	Cell Biology-Lab	1
Semester 4	Course Code	Course Title	No. of Sections
	ISL 201	Islamic Studies	2
	BT2812	Ecology, Biodiversity & Evolution-II	2
	BT2811	Ecology, Biodiversity & Evolution-II-Lab	2
	BT2103	Classical Genetics	2
	BTMG2003	Marketing Management	2
	BT2252	Analytical Chemistry & Instrumentation	2
	BT2251	Analytical Chemistry & Instrumentation-Lab	2
	BT2503	Molecular Biology	2
Semester 5	Course Code	Course Title	No. of Sections
	BT3262	Principles of Biochemical Engineering	1
	BT3261	Principles of Biochemical Engineering-Lab	1
	BT3312	Agriculture Biotechnology	1
	BT3311	Agriculture Biotechnology-Lab	1
	BT3703	Immunology	1
	BT3272	Microbiology	1
	BT3271	Microbiology-Lab	1
	BT3511	Methods in Molecular Biology	1

	BT3512	Methods in Molecular Biology-Lab	1
Semester 6	Course Code	Course Title	No. of Sections
	BT3113	Genetic Resources & Conservation	2
	BT3323	Microbial Biotechnology	2
	BT3333	Health Biotechnology	2
	BT3053	Environmental Biotechnology	2
	BT3353	Food Biotechnology	2
	BT3363	Nano-Biotechnology	2
Semester 7	Course Code	Course Title	No. of Sections
	BT4123	Genomics & Proteomics	2
	BT4002	Entrepreneurship in Biotechnology	2
	BT4011	Bioinformatics	2
	BT4012	Bioinformatics-Lab	2
	BT4013	Industrial Biotechnology	2
	BT4622	Cell & Tissue Culture	2
	BT4621	Cell & Tissue Culture-Lab	2
	BT4903	Research Project I	1
Semester 8	Course Code	Course Title	No. of Sections
	BT4022	Virology	3
	BT4021	Virology-Lab	3
	BT4032	Fermentation Biotechnology	3
	BT4031	Fermentation Biotechnology-Lab	3
	BT4033	Research Methodology & Skill Enhancement	3

BT4042	Sustainable Biosafety & Bioethics	3
BT4913	Research Project-II	1