

BS Biotechnology			
Semester 1	Sections: AT1		
	Course Code	Course Title	Sections
	ENG101	English I	1
	PAK101	Pakistan Studies	1
	MAT101	Mathematics I	1
	BTCS1003	Introduction to Computer Science	1
	BT1203	Physical Chemistry	1
	BT1303	Introduction to Biotechnology	1
	ENT101	Fundamentals of Entrepreneurship	1
Semester 2	Sections: AT2		
	Course Code	Course Title	Sections
	ENG102	English-II	1
	PSY101	Introduction to Psychology	1
	BT1212	Inorganic Chemistry	1
	BT1211	Inorganic Chemistry Lab	1
	BT1222	Organic Chemistry	1
	BT1221	Organic Chemistry-Lab	1
	MAT201	Mathematics II	1
	BT1232	Biochemistry-I	1
BT1231	Biochemistry I - Lab	1	
Semester 3	Sections: AT3, BT3		
	Course Code	Course Title	Sections
	ENG203	English-III	2
	BT2803	Ecology, Biodiversity & Evolution-I	2
	STS101	Statistics I	2
	BT2403	Biological Physics	2
	BT2242	Biochemistry-II	2
	BT2241	Biochemistry-II-Lab	2

	BT2602	Cell Biology	2
	BT2601	Cell Biology-Lab	2
Semester 4	Sections: AT4		
	Course Code	Course Title	Sections
	BTMT2023	Probability & Biostatistics	1
	BTMG2003	Sociology	1
	BT2103	Classical Genetics	1
	BTMG2003	Marketing Management	1
	BT2252	Analytical Chemistry & Instrumentation	1
	BT2251	Analytical Chemistry & Instrumentation-Lab	1
	BT2503	Molecular Biology	1
Semester 5	Sections: AT5, BT5		
	Course Code	Course Title	Sections
	BT3262	Principles of Biochemical Engineering	2
	BT3261	Principles of Biochemical Engineering-Lab	2
	BT3312	Agriculture Biotechnology	2
	BT3311	Agriculture Biotechnology-Lab	2
	BT3703	General Immunology	2
	BT3272	Microbiology	2
	BT3271	Microbiology-Lab	2
	BT3511	Methods in Molecular Biology	2
BT3512	Methods in Molecular Biology-Lab	2	
Semester 6	Sections: AT6, BT6		
	Course Code	Course Title	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	Sections: AT7		
	Course Code	Course Title	Sections
	BT4123	Genomics & Proteomics	2
	BT4002	Entrepreneurship in Biotechnology	2
	BT4821	Bioinformatics	2
	BT4822	Bioinformatics-Lab	2
	BT4013	Industrial Biotechnology	2
	BT4622	Cell & Tissue Culture	2
	BT4621	Cell & Tissue Culture-Lab	2
	BT4903	Research Project I	2
Semester 8	Sections: AT8		
	Course Code	Course Title	Sections
	VIRO8012	Virology	1
	VIRO8011	Virology-Lab	1
	BIOTC8012	Fermentation Biotechnology	1
	BIOTEC8011	Fermentation Biotechnology-Lab	1
	RESMTH8013	Research Methodology & Skill Enhancement	1
	BT4042	Sustainable Biosafety & Bioethics	1
BT4913	Research Project-II	1	