

BS Biotechnology			
Semester 1	Sections: AT1		
	Course Code	Course Title	Sections
	ENG101	English I	1
	PAK101	Pakistan Studies	1
	ENT101	Fundamentals of Entrepreneurship	1
	MAT101	Mathematics I	1
	BTCS1003	Introduction to Computer Science	1
	BT1203	Physical Chemistry	1
	BT1303	Introduction to Biotechnology	1
Semester 2	Sections: AT2, BT2		
	Course Code	Course Title	Sections
	ENG102	English-II	2
	PSY101	Introduction to Psychology	2
	BT1212	Inorganic Chemistry	2
	BT1211	Inorganic Chemistry Lab	2
	BT1222	Organic Chemistry	2
	BT1221	Organic Chemistry-Lab	2
	BT1232	Biochemistry-I	2
	BT1231	Biochemistry I - Lab	2
	MAT201	Mathematics II	2
Semester 3	Sections: AT3, BT3		
	Course Code	Course Title	Sections
	BTHU2043	English-III (Writing & Comp)	2
	BTMT2013	Biomathematics	2
	BT2812	Ecology, Biodiversity & Evolution-II	2
	BT2811	Ecology, Biodiversity & Evolution-II-Lab	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, BT4, CT4		
	Course Code	Course Title	Sections
	BTMG2003	Sociology	3
	BTMG2013	Marketing Management	3
	BT2103	Classical Genetics	3
	BTMT2023	Probability & Biostatistics	3
	BT2252	Analytical Chemistry & Instrumentation	3
	BT2251	Analytical Chemistry & Instrumentation-Lab	3
	BT2503	Molecular Biology	3
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
	BT3512	Methods in Molecular Biology	2
	BT3511	Methods in Molecular Biology-Lab	2
Semester 6	Sections: AT6, BT6, CT6		
	Course Code	Course Title	Sections
	BT3033	Genetic Resources & Conservation	3
	BT3323	Microbial Biotechnology	3
	BT3333	Health Biotechnology	3
BT3053	Environmental Biotechnology	3	

	BT3353	Food Biotechnology	3
	BT3022	Nano-Biotechnology	3
	BT3021	Nano-Biotechnology-Lab	3
Semester 7	Sections: AT7		
	Course Code	Course Title	Sections
	GENOM7013	Genomics & Proteomics	1
	BT4002	Entrepreneurship in Biotechnology	1
	BIOINF7011	Bioinformatics	1
	BIOINF7012	Bioinformatics-Lab	1
	INDSBT7013	Industrial Biotechnology	1
	CTISSU7012	Cell & Tissue Culture	1
	CTISSU7011	Cell & Tissue Culture-Lab	1
	BT4903	Research Project - I	1
Semester 8	Sections: AT8, BT8, CT8		
	Course Code	Course Title	Sections
	VIRO8012	Virology	3
	VIRO8011	Virology - Lab	3
	BIOTEC8012	Fermentation Biotechnology	3
	BIOTEC8011	Fermentation Biotechnology - Lab	3
	RESMTH8013	Research Methodology & Skill Enhancement	3
	BIOSAF8012	Biosafety & Bioethics	3
	BT4913	Research Project - II	3