

BS Biotechnology			
Semester 1	Sections: AT1, BT1, CT1		
	New Course Code	Course Title	Sections
	BTHU1003	English I	3
	BTHU1013	Pakistan Studies	3
	BTHU1023	Islamic studies	3
	BTCS1003	Introduction to Computer Science	3
	BT1203	Physical Chemistry	3
	BT1303	Introduction to Biotechnology	3
	ENT101	Fundamentals of Entrepreneurship	3
Semester 2	Sections: AT2, BT2, CT2		
	New Course Code	Course Title	Sections
	BTHU1033	English-II	2
	BTMT1003	Mathematics	2
	BT1212	Inorganic Chemistry	2
	BT1211	Inorganic Chemistry Lab	2
	BT1222	Organic Chemistry	2
	BT1221	Organic Chemistry-Lab	2
	BT1803	Ecology, Biodiversity & Evaluation.-I	2
	BT1232	Biochemistry-I	2
	BT1231	Biochemistry I - Lab	2
Semester 3	Sections: AT3, BT3, CT3		
	New Course Code	Course Title	Sections
	BTHU2043	English-III (Writing & Comp)	3
	BTMT2013	Biomathematics	3
	BT2812	Ecology, Biodiversity & Evolution-II	3
	BT2811	Ecology, Biodiversity & Evolution-II-Lab	3
BT2403	Biological Physics	3	

	BT2242	Biochemistry-II	3
	BT2241	Biochemistry-II-Lab	3
	BT2602	Cell Biology	3
	BT2601	Cell Biology-Lab	3
Semester 4	Sections: AT4, BT4, CT4		
	New 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, CT5	
Course Code		Course Title	Sections
BT3262		Principles of Biochemical Engineering	3
BT3261		Principles of Biochemical Engineering-Lab	3
BT3312		Agriculture Biotechnology	3
BT3311		Agriculture Biotechnology-Lab	3
BT3703		General Immunology	3
BT3272		Microbiology	3
BT3271		Microbiology-Lab	3
BT3512		Methods in Molecular Biology	3
BT3511		Methods in Molecular Biology-Lab	3
Semester 6		Sections: AT6	
	Course Code	Course Title	Sections
	GRC1033	Genetic Resources & Conservation	1
	MICRO6013	Microbial Biotechnology	1

Semester	BIOTEC6013	Health Biotechnology	1
	ENVBT1053	Environmental Biotechnology	1
	BIOTEC6033	Food Biotechnology	1
	BIOTEC6022	Nano-Biotechnology	1
	BIOTEC6021	Nano-Biotechnology-Lab	1
Semester 7	Sections: AT7, BT7, CT7		
	Course Code	Course Title	Sections
	GENOM7013	Genomics & Proteomics	3
	BT4002	Entrepreneurship in Biotechnology	3
	BIOINF7011	Bioinformatics	3
	BIOINF7012	Bioinformatics-Lab	3
	INDSBT7013	Industrial Biotechnology	3
	CTISSU7012	Cell & Tissue Culture	3
	CTISSU7011	Cell & Tissue Culture-Lab	3
	BT4903	Research Project - I	3
Semester 8	Sections: AT8		
	Course Code	Course Title	Sections
	VIRO8012	Virology	1
	VIRO8011	Virology - Lab	1
	BIOTEC8012	Fermentation Biotechnology	1
	BIOTEC8011	Fermentation Biotechnology - Lab	1
	RESMTH8013	Research Methodology & Skill Enhancement	1
	BIOSAF8012	Biosafety & Bioethics	1
	BT4913	Research Project - II	1