

BS Biotechnology				
1st Semester	Course Code	Course Title	Cr. Hrs.	Section
	BT1303	Introduction to Biotechnology	3	AT1
	BT1222	Organic Chemistry	2	AT1
	BT1221	Organic Chemistry-Lab	1	AT1
	NS101	Environmental Sciences	3	AT1
	ICT101	Applications of Information and Communication Technologies	2	AT1
	ICTL101	Applications of Information and Communication Technologies Lab	1	AT1
	ENG110	Functional English	3	AT1
	QR101	Quantitative Reasoning-1	3	AT1
	UHQ101	Understanding of Holy Quran - I / Fehm-e-Quran - I	1	AT1
2nd Semester	Course Code	Course Title	Cr. Hrs.	Section
	BT3352	Food Biotechnology	2	AT2
	BT3351	Food Biotechnology-Lab	1	AT2
	BT2603	Cell Biology	3	AT2
	ENG211	Expository Writing	3	AT2
	FNL101	Sign Language/Chinese Language	3	AT2
	QR201	Quantitative Reasoning-II	3	AT2
	PSY101	Introduction to Psychology	3	AT2
	UHQ101	Understanding of Holy Quran - I / Fehm-e-Quran - I	1	AT2
	Course Code	Course Title	Cr. Hrs.	Section
	BT2522	Recombinant DNA Technology	2	AT3
	BT2521	Recombinant DNA Technology-Lab	1	AT3

3rd Semester	PAK102	Ideology and Constitution of Pakistan	2	AT3
	BT2503	Molecular Biology	3	AT3
	BT4372	Industrial Biotechnology	2	AT3
	BT4371	Industrial Biotechnology-Lab	1	AT3
	ISL110	Islamic Studies	2	AT3
	TMO110	Time management & Organizing Skills	2	AT3
5th Semester	Course Code	Course Title	Cr. Hrs.	Section
	BT3262	Principles of Biochemical Engineering	2	AT5
	BT3261	Principles of Biochemical Engineering-Lab	1	AT5
	BT2523	Recombinant DNA Technology	3	AT5
	BT3511	Methods in Molecular Biology	1	AT5
	BT3512	Methods in Molecular Biology-Lab	2	AT5
	BT3113	Genetic Resources & Conservation	3	AT5
	BT3323	Microbial Biotechnology	3	AT5
7th Semester	Course Code	Course Title	Cr. Hrs.	Section
	BT4123	Genomics & Proteomics	3	AT7
	BT4002	Entrepreneurship in Biotechnology	2	AT7
	BT4821	Bioinformatics	1	AT7
	BT4822	Bioinformatics-Lab	2	AT7
	BT4373	Industrial Biotechnology	3	AT7
	BT4363	Cell and Tissue Culture	3	AT7
	INT498	Field Experience/ Internship	3	AT7
	Course Code	Course Title	Cr. Hrs.	Section

8th Semester	BT4023	Research Methodology & Skill Enhancement	3	AT8
	BT4042	Sustainable Biosafety & Bioethics	2	AT8
	BT4913	Research Project II	3	AT8