

BS Biotechnology				
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 1	BT1303	Introduction to Biotechnology	3	1
	BT1222	Organic Chemistry	2	1
	BT1221	Organic Chemistry-Lab	1	1
	NS101	Environmental Sciences	3	1
	ICT101	Applications of Information and Communication Technologies	2	1
	ICTL101	Applications of Information and Communication Technologies Lab	1	1
	ENG110	Functional English	3	1
	QR101	Quantitative Reasoning-1	3	1
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 2	BT3352	Food Biotechnology	2	1
	BT3351	Food Biotechnology-Lab	1	1
	BT2603	Cell Biology	3	1
	ENG211	Expository Writing	3	1
	FNL101	Sign Language/Chinese Language	3	1
	QR201	Quantitative Reasoning-II	3	1
	PSY101	Introduction to Psychology	3	1
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 4	BT2503	Molecular Biology	3	1
	BT3273	Microbiology	3	1
	BT2602	Cell Biology	2	1
	BT2601	Cell Biology-Lab	1	1
	BT2252	Analytical Chemistry & Instrumentation	2	1
	BT2251	Analytical Chemistry & Instrumentation-Lab	1	1
	BT3703	General Immunology	3	1
	INS-202	Introduction to Nanoscience	3	1

Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 6	BT3363	Nano Biotechnology	3	1
	BT3333	Health Biotechnology	3	1
	BT3343	Environmental Biotechnology	3	1
	BT3353	Food Biotechnology	3	1
	BT3312	Agriculture Biotechnology	2	1
	BT3311	Agriculture Biotechnology-Lab	1	1
	BT3573	Pharmaceutical Biotechnology	3	1
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 7	BT4123	Genomics & Proteomics	3	1
	BT4002	Entrepreneurship in Biotechnology	2	1
	BT4821	Bioinformatics	1	1
	BT4822	Bioinformatics-Lab	2	1
	BT4373	Industrial Biotechnology	3	1
	BT4622	Cell & Tissue Culture	2	1
	BT4621	Cell & Tissue Culture-Lab	1	1
	BT4903	Research Project I	3	1
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 8	BT4023	Research Methodology & Skill Enhancement	3	1
	BT4042	Sustainable Biosafety & Bioethics	2	1
	BT4913	Research Project II	3	1