

BS MLT				
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 1	LT1402	Human Physiology	2	1
	LT1401	Human Physiology-lab	1	1
	LT2523	Cell Biology	3	1
	QR101	Quantitative reasoning-I	3	1
	ENG110	Functional English	3	1
	NS101	Environment Science	3	1
	ICT 101	Applications of Information & Communication Technologies	2	1
	ICTL 101	Applications of Information & Communication Technologies Lab	1	1
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 2	LT1802	Human Anatomy	2	1
	LT1801	Human Anatomy-Lab	1	1
	LT1202	Biochemistry I	2	1
	LT1201	Biochemistry I Lab	1	1
	QR201	Quantitative Reasoning II	3	1
	ISL110	Islamic Studies	2	1
	FNL101	Foreign Language (Chinese)	2	1
	ENG211	Expository English	3	1
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 3	PAK102	Ideology and Constitution of Pakistan	2	2
	ENT 102	Entrepreneurship	2	2
	LT1212	Biochemistry II	2	2
	LT1211	Biochemistry II-Lab	1	2
	PSY101	Introduction to Psychology	3	2
	LT4022	Bioinformatics	2	2
	LT4021	Bioinformatics-Lab	1	2

	BT3103	Introduction to Biotechnology	3	2
	CCE 202	Civics and Community Engagement (CCE)	2	2
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 4	LT2523	Cell Biology	3	2
	IFS201	Introduction to Forensic Sciences	3	2
	LT2703	Immunology	3	2
	INS202	Introduction to Nanoscience	3	2
	LT1813	General Pathology	3	2
	LT1622	General Microbiology	2	2
	LT1621	General Microbiology-Lab	1	2
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 5	LT2812	Hematology-II	2	2
	LT2811	Hematology-II-Lab	1	2
	LT2732	Clinical Bacteriology	2	2
	LT2731	Clinical Bacteriology-Lab	1	2
	LT2893	Histopathology and Cytopathology	3	2
	LT2832	Blood Banking	2	2
	LT2831	Blood Banking-Lab	1	2
	LT2542	Molecular Biology	2	2
	LT2541	Molecular Biology-Lab	1	2
	LT3103	Human Genetics	3	2
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 6	LT3502	Mechanisms of Antimicrobial agents	2	1
	LT3501	Mechanisms of Antimicrobial agents-Lab	1	1
	LT3753	Virology	3	1
	LT3903	Research methodologies	3	1
	LT2823	Biosafety and Biosecurity	3	1

	LT2802	Chemical Pathology	2	1
	LT2801	Chemical Pathology-Lab	1	1
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 7	LT3602	Clinical Parasitology	2	2
	LT3601	Clinical Parasitology-Lab	1	2
	LT4003	Bio-entrepreneurship	3	2
	LT4022	Bioinformatics	2	2
	LT4021	Bioinformatics-Lab	1	2
	LTMT1012	Biostatistics	2	2
	LTMT1011	Biostatistics-Lab	1	2
	LT4812	Medical Laboratory Management Skills	2	2
	LT4811	Medical Laboratory Management Skills-Lab	1	2
	LT4903	Research Project-I / Internship	3	1
Semester	Course Code	Course Title	Credit Hrs.	Sections
Semester 8	LT4913	Research Project-II / Internship	3	1