

BS Medical Laboratory Technology

Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 1	LT1402	Human Physiology	2	1
	LT1401	Human Physiology-lab	1	1
	LT2722	Hematology-I	2	1
	LT2721	Hematology-I-Lab	1	1
	QR 101	Quantitative reasoning-I	3	1
	ENG 110	Functional English	3	1
	NS 101	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
	AH204	Sign Language	2	1
	ENG211	Expository English	3	1
Semester	Course Code	Course Title	Credit Hrs	Sections
	PAK102	Ideology and Constitution of Pakistan	2	2
	ENT102	Entrepreneurship	2	2

Semester 3	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	2	2
	CCE202	Civics and Community Engagement	2	2
	QTR101	Quran Translation	1	2
Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 4	LT2802	Chemical Pathology	2	2
	LT2801	Chemical Pathology-Lab	1	2
	LT2812	Hematology-II	2	2
	LT2811	Hematology-II-Lab	1	2
	LT2832	Blood Banking	2	2
	LT2831	Blood Banking-Lab	1	2
	LT2892	Histopathology and Cytopathology	2	2
	LT2891	Histopathology and Cytopathology-Lab	1	2
	LT2522	Cell Biology	2	2
	LT2521	Cell Biology-Lab	1	2
	LT2852	Laboratory Instrumentation and Analytical Techniques	2	2
	LT2851	Laboratory Instrumentation and Analytical Techniques-Lab	1	2
Semester	Course Code	Course Title	Credit Hrs	Sections
	LT3302	Gene Manipulation and Genetic Engineering	2	2

Semester 5	LT3301	Gene Manipulation and Genetic Engineering-Lab	1	2
	LT4802	Hematological Malignancies	2	2
	LT4801	Hematological Malignancies-Lab	1	2
	LT3502	Mechanisms of Antimicrobial Agents	2	2
	LT3501	Mechanisms of Antimicrobial Agents-Lab	1	2
	LT3802	Advances in Medical Laboratory Technology	2	2
	LT3801	Advances in Medical Laboratory Technology-Lab	1	2
	LT3903	Research Methodologies	3	2
Semester	Course Code	Course Title	Credit Hrs	Sections
Semester 6	LT3752	Virology	2	1
	LT3751	Virology-Lab	1	1
	LT3202	Cytology and Cytogenetics	2	1
	LT3201	Cytology and Cytogenetics-Lab	1	1
	LT3312	Biotechnology	2	1
	LT3311	Biotechnology-Lab	1	1
	LT3632	Mycology	2	1
	LT3631	Mycology-Lab	1	1
	LT3102	Human Genetics	2	1
	LT3101	Human Genetics-Lab	1	1
	LT2823	Biosafety and Biosecurity	3	1