

Semester-wise Listing of Courses

SEM I			SEM II			SEM III		
COURSE CODE	COURSE NAME	CREDITS	COURSE CODE	COURSE NAME	CREDITS	COURSE CODE	COURSE NAME	CREDITS
GE 1.1	Social and Emotional Learning	2	GE 2.1	Fundamentals of AI and Cybersecurity	2	GE 3.1	Financial Literacy	2
GE 1.2	Computing Skills and Digital Literacy	2	GE 2.2	Functional English and Communication Skills	2	GE 3.2	Basics of Legal and HR Policies	2
BMLS - 01	Human Anatomy	3	BMLS - 05	Fundamentals of Microbiology	4	BMLS - 09	Bacteriology	4
BMLS - 02	Human Physiology	3	BMLS - 06	Basics of Biochemistry	4	BMLS - 10	Intermediary Metabolism and Endocrinology	4
BMLS - 03	Fundamentals of the Healthcare System and Medical Laboratory Science (MLS) #	2	BMLS - 07	Fundamentals of Haematology	4	BMLS - 11	Clinical Haematology	4
BMLS - 04	Basic Emergency Care and First Aid	1	BMLS - 08	Preventive and Social Medicine	12	BMLS - 12	Basics of Pharmacology	2
BMLS - ST-1	Skill Training **	NC	BMLS - ST-2	Skill Training **	12	BMLS - ST-3	Skill Training	12

SEM IV			SEM V			SEM VI		
COURSE CODE	COURSE NAME	CREDITS	COURSE CODE	COURSE NAME	CREDITS	COURSE CODE	COURSE NAME	CREDITS
GE 4.1	Design Thinking	2	GE 5.1	Health and Wellness	2	GE 6.1	Entrepreneurship	2
GE 4.2	Organizational Behaviour	2	GE 5.2	Environmental Studies	2	GE 6.2	Employment Readiness	2
BMLS - 13	Clinical Pathology	4	BMLS - 17	Mycology and Parasitology	4	BMLS - 21	Applied Pathobiology	4
BMLS - 14	Virology and Immunology	4	BMLS - 18	Analytical Biochemistry	4	BMLS - 22	Cytology and Histopathology	4
BMLS - 15	Medical Laboratory Management and Quality Control	2	BMLS - 19	Immunohematology and Transfusion Medicine	4	BMLS - 23	Clinical Biochemistry	4
BMLS - 16	Genetics and Molecular Biology	4	BMLS - 20	Medical Law and Ethics	2	BMLS - 24	Biostatistics and Research Methodology	2
BMLS - ST-4	Skill Training **	12	BMLS - ST-5	Skill Training **	12	BMLS - ST-6	Skill Training / Internship	

SEM VII		
COURSE CODE	COURSE NAME	CREDITS
BMLS -I-01	Internship * (Clinical lab Posting / Research Dissertation)	20

SEM VIII		
COURSE CODE	COURSE NAME	CREDITS
BMLS - I-02	Internship * (Clinical lab Posting / Research Dissertation)	20