

Programme Code- 30SHSUH01
Regulations 2026 CURRICULUM
BACHELORS IN MEDICAL LABORATORY SCIENCES

SEMESTER I		
S No	Course Code	Course Title
1	26BMLS11C01	Human Anatomy
2	26BMLS11C02	Human Physiology
3	26BMLS11C03	Fundamentals of the Healthcare System and Medical Laboratory Science (MLS)
4	26BMLS11C04	Communication and Professionalism
5	26BMLS11C05	Basic Emergency care and First Aid
6	26BMLS11C06	Basics of Computer Application
7	26BMLS11C07	Human Anatomy Practical
8	26BMLS11C08	Human Physiology Practical

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SEMESTER II		
S No	Course Code	Course Title
1	26BMLS12C01	Fundamentals of Microbiology
2	26BMLS12C02	Basics of Biochemistry
3	26BMLS12C03	Fundamentals of Haematology
4	26BMLS12C04	Preventive and Social Medicine
5	26BMLS12C05	Fundamentals of Microbiology Practical
6	26BMLS12C06	Basics of Biochemistry Practical
7	26BMLS12C07	Fundamentals of Haematology Practical
8	*Optional to Choose	Basic Language Course

BASKET		
OPTIONAL ELECTIVE		
S. no	Course Code	Course Title
1	26HIND0AEC1	Basic Hindi
2	26PUNJ0AEC2	Basic Punjabi
3	26URDU0AEC3	Basic Urdu
4	26SANS0AEC4	Basic Sanskrit
5	26BENG0AEC5	Basic Bengali
6	26FREN0AEC5	Basic French
7	26KORN0AEC6	Basic Korean
8	26SPNS0AEC7	Basic Spanish

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SEMESTER III		
S No	Course Code	Course Title
1	26BMLS23C01	Bacteriology
2	26BMLS23C02	Intermediary Metabolism and Endocrinology
3	26BMLS23C03	Clinical Haematology
4	26BMLS23C04	Basics of Pharmacology
5	26BMLS23C05	Bacteriology Practical
6	26BMLS23C06	Intermediary Metabolism and Endocrinology Practical
7	26BMLS23C07	Clinical Haematology-Practical
8	26BMLS23C08	Biomedical Waste Management

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SEMESTER IV		
S No	Course Code	Course Title
1	26BMLS24C02	Genetics and Molecular Biology
2	26BMLS24C03	Clinical Pathology
3	26BMLS24C04	Medical Laboratory Management and Quality Control
4	26BMLS24C05	Virology and Immunology Practical
5	26BMLS24C06	Genetics and Molecular Biology Practical
6	26BMLS24C07	Clinical Pathology Practical



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SEMESTER V		
Sr No	Course Code	Course Title
1	26BMLS35C01	Mycology & Parasitology
2	26BMLS35C02	Analytical Biochemistry
3	26BMLS35C03	Immunohematology and Transfusion Medicine
4	26BMLS35C04	Medical Law and Ethics
5	26BMLS35C05	Mycology & Parasitology Practical
6	26BMLS35C06	Analytical Biochemistry Practical
7	26BMLS35C07	Immunohematology and Transfusion Medicine Practical
8	MOOC	Bioinformatics

***Note: MOOC Shall be included to enhance Students Learning Through Self-Paced Industry -relevant content and it will Mapped Later as per opening on the portal**



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SEMESTER VI		
Sr No	Course Code	Course Title
1	26BMLS36C01	Applied Pathobiology
2	26BMLS36C02	Cytology and Histopathology
3	26BMLS36C03	Clinical Biochemistry
4	26BMLS36C04	Biostatistics and Research Methodology
5	26BMLS36C05	Cytology and Histopathology Practical
6	26BMLS36C06	Clinical Biochemistry Practical
7	26BMLS36C07	Applied Pathobiology Practical

SEMESTER VII & VIII		
Sr No	Course Code	Course Title
1	26BMLS47C01/ 26BMLS48C01	INTERNSHIP

