

Name of the Programme : Bachelor of Science in Medical Lab Technology (Session: 2024-2025)

Semester-Wise Programme structure

| Sr. No. | Year 1 | | Year 2 | | Year 3 | |
|---|---|---|---|--|---|---|
| | Sem 1 | Sem 2 | Sem 3 | Sem 4 | Sem 5 | Sem 6 |
| 1 | Fundamental of Medical Laboratory Technology (Course Code) [CU:4, L-3, P-1] {MCC} | Basic Human Anatomy -II (Course Code) [CU:4, L-3, P-1] {MCC} | Cytology (Course Code) [CU:4, L-3, P-1] {MCC} | Clinical Haematology & Pathology-II (Course Code) [CU:4, L-3, P-1] {MCC} | Cytology & Cytotechnology (Course Code) [CU:4, L-3, P-1] {MCC} | Medical Lab Management (Course Code) [CU:3, L-3, P-0] {MCC} |
| 2 | Basic Human Anatomy -I (Course Code) [CU:4, L-3, P-1] {MCC} | Basic Human Physiology -II (Course Code) [CU:4, L-3, P-1] {MC} | Basic Principles of Healthcare (Course Code) [CU:4, L-3, P-1] {MCC} | Clinical Microbiology (Course Code) [CU:4, L-3, P-1] {MCC} | Research Methodology and Biostatistics (Course Code) [CU:3, L-3, P-0] {MDC} | Histotechnology (Course Code) [CU:4, L-3, P-1] {MCC} |
| 3 | Basic Human Physiology -I (Course Code) [CU:4, L-3, P-1] {MC} | Biochemistry-II (Course Code) [CU:4, L-3, P-1] {MDC} | Clinical Haematology & Pathology-I (Course Code) [CU:4, L-3, P-1] {MCC} | Molecular Biology (Course Code) [CU:4, L-3, P-1] {MCC} | Medical Sociology (Course Code) [CU:3, L-3, P-0] {MDC} | Psychology (Course Code) [CU:3, L-3, P-0] {MCC} |
| 4 | Biochemistry-I (Course Code) [CU:4, L-3, P-1] {MDC} | Microbiology-II (Course Code) [CU:4, L-3, P-1] {MCC} | Microbiology-III (Course Code) [CU:4, L-3, P-1] {MCC} | Clinical Biochemistry-II (Course Code) [CU:4, L-3, P-1] {MCC} | Diagnostic Endocrinology (Course Code) [CU:4, L-3, P-1] {MCC} | Project Work and Viva (Course Code) [CU:8, L-0, P-8] {MCC} |
| 5 | Microbiology-I (Course Code) [CU:4, L-3, P-1] {AEC} | Basic Pathology & Haematology (Course Code) [CU:4, L-3, P-1] {MCC} | Clinical Biochemistry-I (Course Code) [CU:4, L-3, P-1] {MCC} | Hospital Management & Ethics (Course Code) [CU:3, L-3, P-0] {MC} | Blood Bank & Transfusion Medicine (Course Code) [CU:4, L-3, P-1] {MCC} | NA |
| 6 | Personality Development (Course Code) [CU:3, L-2, P-1] {SEC} | Fundamentals of Computer Science (Course Code) [CU:4, L-3, P-1] {AEC} | Environmental Science (Course Code) [CU:2, L-2, P-0] {SEC} | Hospital Visit, Report (Course Code) [CU:4, L-0, P-4] {SEC} | Seminar/Presentation (Course Code) [CU:2, L-0, P-2] {MC} | NA |
| Cr. | 23 | 24 | 22 | 23 | 20 | 18 |
| Total Credit: Credit Layout as per Curriculum and Credit Framework Guidelines - UGC 2022 | | | | | | 130 |

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| MCC | Major Core Course (Discipline Specific Course) |
| MC | Minor Course |
| MDC | Multidisciplinary Course |
| AEC | Ability Enhancement Course |

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|-------------|-------------------------------------|
| SEC | Skill Enhancement Course |
| VAC | Value Added Course |
| CCH | Core Course - Hons. |
| DSE | Discipline Specific Elective |
| MOOC | Massive Open Online Course |

Note: (4 Cr of Summer Internship earned by students during summer Internship after Second Semester or Fourth Semester, will be taken into account in Fifth Semester of a student who pursue three year UG Programme without taking exit option).