

# Study & Evaluation Scheme of Bachelors of Medical Lab Technology

[Applicable for 2022-25]

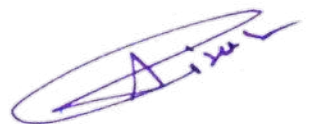
Version 2022

[As per CBCS guidelines given by UGC]



| Approved in BOS | Approved in BOF | Approved in Academic Council       |
|-----------------|-----------------|------------------------------------|
| 31/05/2022      | 08/08/2022      | 20/10/2022<br>Vide agenda no.8.4.5 |



  
Registrar  
Quantum University

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### SEMESTER III

| Sr. No       | Course Code | Category | Course Title                                                           | L         | T        | P        | C         | Version | Course Perquisite |
|--------------|-------------|----------|------------------------------------------------------------------------|-----------|----------|----------|-----------|---------|-------------------|
| 1            | BL3301      | PC       | Pathology and Allied Subject-I(Haematology and Clinical Pathology)     | 4         | 0        | 0        | 4         | 1.0     | NIL               |
| 2            | BL3302      | PC       | Clinical Biochemistry-I(Separative and Instrumental Techniques)        | 4         | 0        | 0        | 4         | 1.0     | NIL               |
| 3            | BL3303      | PC       | Medical Microbiology-I(Bacterial Pathogens and associated diseases)    | 4         | 0        | 0        | 4         | 1.0     | NIL               |
| 4            | BL3304      | PC       | Immunology and Serology Techniques-I                                   | 4         | 0        | 0        | 4         | 1.0     | NIL               |
| 5            | BL3340      | PC       | Pathology and Allied Subject-I(Haematology and Clinical Pathology) Lab | 0         | 0        | 2        | 1         | 1.0     | NIL               |
| 6            | BL3341      | PC       | Clinical Biochemistry-I Lab                                            | 0         | 0        | 2        | 1         | 1.0     | NIL               |
| 7            | BL3342      | PC       | Medical Microbiology-I Lab                                             | 0         | 0        | 2        | 1         | 1.0     | NIL               |
| 8            | BL3343      | PC       | Immunology and Serology Techniques-I Lab                               | 0         | 0        | 2        | 1         | 1.0     | NIL               |
| 9            | BL3344      | CP       | Clinical Training                                                      | 0         | 0        | 0        | 6         | 1.0     | NIL               |
| 10           | VP3301      | VAP      | Employability Skills-I Numerical Abilities                             | 2         | 0        | 0        | 2         | 1.0     | NIL               |
| 11           |             | OE       | Open Elective I                                                        | 3         | 0        | 0        | 3         | 1.0     | NIL               |
| 12           | GP3301      | GP       | General Proficiency                                                    | 0         | 0        | 0        | 1         | 1.0     | NIL               |
| 13           | HU3202      | FC       | UNDP                                                                   | 1         | 0        | 0        | 1         | 1.0     | NIL               |
| <b>Total</b> |             |          |                                                                        | <b>22</b> | <b>0</b> | <b>8</b> | <b>33</b> |         |                   |

**Contact Hours- 30**




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### SEMESTER V

| Sr. No       | Course Code | Category | Course Title                                                          | L         | T        | P        | C         | Version | Course Perquisite |
|--------------|-------------|----------|-----------------------------------------------------------------------|-----------|----------|----------|-----------|---------|-------------------|
| 1            | BL3501      | PC       | Immunohematology & Blood bank Technology                              | 4         | 0        | 0        | 4         | 1.0     | NIL               |
| 2            | BL3502      | PC       | Clinical Biochemistry-I (Biostatistics, Automation & Endocrinology)   | 4         | 0        | 0        | 4         | 1.0     | NIL               |
| 3            | BL3503      | PC       | Medical Microbiology -I (Pathogenic Viruses & Miscellaneous Microbes) | 4         | 0        | 0        | 4         | 1.0     | NIL               |
| 4            | BL3504      | PC       | Clinical Biochemistry-II (Diagnostic Enzymology)                      | 4         | 0        | 0        | 4         | 1.0     | NIL               |
| 5            | BL3505      | PC       | Diagnostic Cytology                                                   | 4         | 0        | 0        | 4         | 1.0     | NIL               |
| 6            | BL3540      | PC       | Immunohematology & Blood bank Technology Lab                          | 0         | 0        | 2        | 1         | 1.0     | NIL               |
| 7            | BL3541      | PC       | Clinical Biochemistry -I (Clinical Enzymology & Automation) Lab       | 0         | 0        | 2        | 1         | 1.0     | NIL               |
| 8            | BL3542      | PC       | Medical Microbiology-I Lab                                            | 0         | 0        | 2        | 1         | 1.0     | NIL               |
| 9            | VP3501      | VAP      | Employability Skills-III (GDPI)                                       | 2         | 0        | 0        | 2         | 1.0     | NIL               |
| 10           | BL3543      | CP       | Clinical Training                                                     | 0         | 0        | 0        | 6         | 1.0     | NIL               |
| 11           | GP3401      | GP       | General Proficiency                                                   | 0         | 0        | 0        | 1         | 1.0     | NIL               |
| <b>Total</b> |             |          |                                                                       | <b>22</b> | <b>0</b> | <b>6</b> | <b>32</b> |         |                   |

### Contact Hours-28

### SEMESTER VI

| Sr. No       | Course Code | Category | Course Title                                                           | L         | T        | P        | C         | Version  | Course Perquisite |
|--------------|-------------|----------|------------------------------------------------------------------------|-----------|----------|----------|-----------|----------|-------------------|
| 1            | BL3601      | PC       | Pathology and allied subject-II (Histopathology & Cytology)            | 4         | 0        | 0        | 4         | 1.0      | NIL               |
| 2            | BL3602      | PC       | Medical Microbiology -II (Applied microbiology and Advance Techniques. | 4         | 0        | 0        | 4         | 1.0      | NIL               |
| 3            | BL3603      | PC       | Clinical Virology                                                      | 2         | 2        | 0        | 4         | 1.0      | NIL               |
| 4            | RD3616      | PE       | Program Elective                                                       | 3         | 0        | 0        | 3         | 1.0      | NIL               |
|              | ND3621      |          |                                                                        |           |          |          |           | 1.0      | NIL               |
|              | ND3622      |          |                                                                        |           |          |          |           | 1.0      | NIL               |
| 5            | BL3605      | S        | Seminars                                                               | 0         | 2        | 0        | 3         | 1.0      | NIL               |
| 6            | BL3640      | PC       | Pathology and allied subject-II (Histopathology & Cytology) Lab        | 0         | 0        | 2        | 1         | 1.0      | NIL               |
| 7            | BL3641      | PC       | Medical Microbiology-II Lab                                            | 0         | 0        | 2        | 1         | 1.0      | NIL               |
| 8            | BL3642      | PC       | Clinical Biochemistry-II Lab                                           | 0         | 0        | 2        | 1         | 1.0      | NIL               |
| 9            | BL3643      | CT       | Clinical Training                                                      | 0         | 0        | 0        | 6         | 1.0      | NIL               |
| 10           | GP3601      | GP       | General Proficiency                                                    | 0         | 0        | 0        | 1         | 1.0      | NIL               |
| <b>Total</b> |             |          |                                                                        | <b>13</b> | <b>4</b> | <b>6</b> | <b>28</b> | <b>0</b> | <b>6</b>          |

### Contact Hours-23