

## Programme Requirements for Master of Science in Medical Laboratory Science

### 1. Duration of Study and Entry Requirement

1.1. A student shall complete the **Master of Science in Medical Laboratory Science** programme within the prescribed periods as stipulated below:

|                                      | Normal Duration of Study | Maximum Duration of Study* |
|--------------------------------------|--------------------------|----------------------------|
| <b>Normal:<br/>(33 credit-units)</b> | 1 year (full-time)       | 3 years (full-time)        |
|                                      | 2 years (part-time)      | 4 years (part-time)        |

*\*Including any period of leave of absence and suspension of study.*

1.2. To enter the **Master of Science in Medical Laboratory Science** programme, a student should:

- 1.2.1. hold a Bachelor's degree in Biomedical Science, Medical Laboratory Science, or a related health sciences or applied sciences discipline (e.g. Life Sciences and Biological Science) from a recognized institution or equivalent qualification; and
- 1.2.2. satisfy the University English language proficiency requirements

### 2. Programme Requirement

2.1. To be eligible for the award of the degree of **Master of Science in Medical Laboratory Science**, a student shall obtain 33 credit-units from the following:

- 2.1.1. 6 credit-units from compulsory courses labelled CM in Table 1; and
- 2.1.2. 18 credit-units from any elective courses labelled OM in Table 1; and
- 2.1.3. 9 credit-units from SCI 8029SEF Dissertation in Medical Laboratory Science.

**Table 1**

| Course Code                                | Course Title                             | Credit-units | Course label |
|--|--|--------------|--------------|
| <b>Compulsory Courses (6 credit-units)</b> |  |              |              |
| SCI 8021SEF                                | Molecular Diagnostic Technology          | 3            | CM           |
| SCI 8022SEF                                | Frontiers in Medical Laboratory Sciences | 3            | CM           |
| <b>Elective Courses (18 credit-units)</b>  |  |              |              |
| SCI 8001SEF                                | Clinical Chemistry & Immunology I        | 3            | OM           |
| SCI 8002SEF                                | Clinical Chemistry & Immunology II       | 3            | OM           |
| SCI 8003SEF                                | Haematology & Transfusion Science I      | 3            | OM           |
| SCI 8004SEF                                | Haematology & Transfusion Science II     | 3            | OM           |

| Course Code                     | Course Title                               | Credit-units | Course label |
|---------------------------------|--|--------------|--------------|
| SCI 8005SEF                     | Histopathology & Cytology I                | 3            | OM           |
| SCI 8006SEF                     | Histopathology & Cytology II               | 3            | OM           |
| SCI 8007SEF                     | Medical Microbiology & Virology I          | 3            | OM           |
| SCI 8008SEF                     | Medical Microbiology & Virology II         | 3            | OM           |
| SCI 8009SEF                     | Integrated Medical Laboratory Science      | 3            | OM           |
| SCI 8010SEF                     | Scientific Research Methodologies          | 3            | OM           |
| SCI 8023SEF                     | Laboratory Management and Accreditation    | 3            | OM           |
| <b>Project (9 credit-units)</b> |  |              |              |
| SCI 8029SEF                     | Dissertation in Medical Laboratory Science | 9            | --           |

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