

MSc in Medical Laboratory Science Postgraduate Scheme in Health Technology

FEATURES

The Postgraduate Scheme provides professionals in Medical Laboratory Science as well as others interested in health technology, with the opportunity to develop advanced levels of knowledge and skills. The Postgraduate Scheme enables a flexible programme of study for students to determine their own pace of study with 1.5 years for full-time and 3 years for part-time after first registration.

Apart from the award of MSc in Medical Laboratory Science (MSc MLS), students can choose to graduate with the MSc in Medical Laboratory Science (Molecular Diagnostics) specialism instead.

CREDIT REQUIREMENTS

Students will be required to complete a total of 30 credits from compulsory, core and elective subjects, including a 9-credit laboratory-based Dissertation.

MSc in Medical Laboratory Science

Compulsory subject (15 credits)

- Research Methods & Biostatistics
- Integrated Medical Laboratory Science
- Dissertation

Core subjects (at least 9 credits)

- Epidemiology
- Immunology
- Molecular Technology in the Clinical Laboratory
- Clinical Chemistry
- Haematology and Transfusion Science
- Histopathology and Cytology
- Medical Microbiology
- Clinical Applications of Molecular Diagnostics in Healthcare
- Workshops on Advanced Molecular Diagnostic Technology
- Advanced Topics in Health Technology (guided study)

Elective subjects (6 credits)

(Any subjects from the Core Subjects listed above; and)

- Bioinformatics in Health Sciences
- Evidence-based Traditional Chinese Medicine
- Professional Development in Infection Control Practice

MSc in Medical Laboratory Science (Molecular Diagnostics)

Compulsory subjects (15 credits)

- Research Methods & Biostatistics
- Integrated Medical Laboratory Science
- Dissertation

Core subjects (at least 12 credits)

- Bioinformatics in Health Sciences
- Molecular Technology in the Clinical Laboratory
- Clinical Applications of Molecular Diagnostics in Healthcare
- Workshops on Advanced Molecular Diagnostic Technology

Elective subjects (3 credits)

- Epidemiology
- Immunology
- Clinical Chemistry
- Haematology and Transfusion Science
- Histopathology and Cytology
- Medical Microbiology
- Advanced Topics in Health Technology (guided study)
- Evidence-based Traditional Chinese Medicine
- Professional Development in Infection Control Practice
- Knowledge Management for Clinical Applications
- Virtual Reality in Healthcare
- Molecular and Functional Imaging: From Body System to Molecules
- Radiation Protection and Radiation Safety

TUITION FEE

HK\$6,000 per credit for local and non-local students

MODE OF ATTENDANCE

Mixed-mode (full-time or part-time)

NORMAL DURATION

1.5 years for full-time study

3 years for part-time study

ENTRANCE REQUIREMENTS

A Bachelor's degree in Medical Laboratory Science, Biomedical Science from PolyU or a recognised institution. Other qualifications may be considered on an individual basis. Relevant post-qualification work experience is preferred.

CONTACT INFORMATION

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