

### Programme Aims

This programme provides students with critical knowledge and understanding of the theoretical and practical aspects of specialist disciplines such as haematology and transfusion science, chemical pathology, medical microbiology, molecular biology, anatomical and cellular pathology, pathology, immunology, and the integration of these disciplines for use in medical laboratory science.

### Teaching and Learning

Mode: **Full-time or Part-time Face-to-face mode with online support**

Duration: **1-year Full-time or 2-year Part-time**

Types: **Lectures, tutorials, workshops, visits and laboratory sessions**

Medium of Instruction: **English**

Face-to-face sessions aim to provide opportunities for students to discuss academic issues with their lecturers and acquire practical laboratory skills. All the prescribed courses are supported by the HKMU Online Learning Environment (OLE), which provides online discussion for interaction among students and between lecturers and students.



### Courses

Students are required to complete a total of 33 credit units from compulsory, core electives and laboratory-based dissertation.

	Code	Title	Unit
<b>Compulsory Courses</b> (6 credit units)	SCI 8021SEF	Molecular Diagnostic Technology	3
	SCI 8022SEF	Frontiers in Medical Laboratory Sciences	3
<b>Core Electives</b> (any 18 credit units)	SCI 8001SEF	Clinical Chemistry & Immunology I	3
	SCI 8002SEF	Clinical Chemistry & Immunology II	3
	SCI 8003SEF	Haematology & Transfusion Science I	3
	SCI 8004SEF	Haematology & Transfusion Science II	3
	SCI 8005SEF	Histopathology & Cytology I	3
	SCI 8006SEF	Histopathology & Cytology II	3
	SCI 8007SEF	Medical Microbiology & Virology I	3
	SCI 8008SEF	Medical Microbiology & Virology II	3
	SCI 8009SEF	Integrated Medical Laboratory Science	3
	SCI 8010SEF	Scientific Research Methodologies	6
	SCI 8023SEF	Laboratory Management and Accreditation	3
<b>Project</b> (9 credit units)	SCI 8029SEF	Dissertation in Medical Laboratory Science	9



### Entry Requirements

- A Bachelor's Degree in Biomedical Science, Medical Laboratory Science, or related health sciences or applied sciences discipline (e.g. Life Sciences and Biological Science) from a recognized institution or equivalent qualification.
- Applicants must meet the English language proficiency requirements set by HKMU if their Bachelor's Degrees or equivalent qualification did not adopt English as the medium of instruction.

**\*\* Shortlisted applicants will be invited to attend a (face-to-face or online) admission interview. Applicant must have passed the admission interview for successful application.**

### Career Prospects

#### Further Studies

- Doctoral/master studies in medicine-related areas

#### Career Opportunities

- Governmental laboratories, biotech and pharmaceutical industries and technical specialists and consultants
- Research career in healthcare

### General Enquiry

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