

MSc in Medical Imaging and Radiation Science Postgraduate Scheme in Health Technology

FEATURES

The Postgraduate Scheme provides professionals in Medical Imaging, Radiotherapy 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 Medical Imaging and Radiation Science (MScMIRS), students can choose to graduate with one of the following specialisms instead:

- MSc in Medical Imaging & Radiation Science (Computed Tomography)
- MSc in Medical Imaging & Radiation Science (Magnetic Resonance Imaging)
- MSc in Medical Imaging & Radiation Science (Ultrasonography)

CREDIT REQUIREMENTS

Students will be required to complete a total of 30 credits from compulsory, core and elective subjects.

MSc in Medical Imaging and Radiation Science

Compulsory subjects (6 credits)

- Research Methods & Biostatistics
- Multiplanar Anatomy

Core subjects (at least 9 credits)

- Advanced Radiotherapy Planning and Dosimetry
- Advanced Technology and Clinical Application in Computed Tomography
- Advanced Technology and Clinical Application in Magnetic Resonance Imaging
- Advanced Ultrasonography
- Digital Imaging and PACS
- Advanced Topics in Health Technology (guided study)
- Dissertation
- Imaging Pathology
- Advanced Radiation Protection
- Advanced Technology and Clinical Application in Nuclear Medicine Imaging

Elective subjects

- (Any subjects from the Core Subjects listed above)
- Bioinformatics in Health Sciences
 - Evidence-based Traditional Chinese Medicine
 - Professional Development in Infection Control Practice
 - Radiation Therapy Physics
 - Medical Imaging Physics
 - Radiobiology for Medical Physicists

MSc in Medical Imaging and Radiation Science (CT/ MRI/ US)

Compulsory subjects (6 credits)

- Research Methods & Biostatistics
- Multiplanar Anatomy

Core subjects (15 credits)

- Dissertation
- Clinical Practicum (Computed Tomography/ Magnetic Resonance Imaging/ Ultrasound)
- Advanced Technology and Clinical Application in Computed Tomography/ Advanced Technology and Clinical Application in Magnetic Resonance Imaging/ Advanced Ultrasonography

Elective subjects (9 credits) (Non-HTI subjects 3 credits at most)

- Advanced Radiotherapy Planning and Dosimetry
- Advanced Technology and Clinical Application in Computed Tomography
- Advanced Technology and Clinical Application in Magnetic Resonance Imaging
- Advanced Ultrasonography
- Digital Imaging and PACS
- Imaging Pathology
- Advanced Radiation Protection
- Advanced Technology and Clinical Application in Nuclear Medicine Imaging
- Bioinformatics in Health Sciences
- Advanced Topics in Health Technology (guided study)
- Evidence-based Traditional Chinese Medicine
- Professional Development in Infection Control Practice
- Radiation Therapy Physics
- Medical Imaging Physics
- Radiobiology for Medical Physicists
- Knowledge Management for Clinical Applications
- Virtual Reality in Healthcare
- Molecular and Functional Imaging: From Body System to Molecules

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 Radiography or a related discipline from a recognised institution.

Relevant post-qualification work experience is preferred.

FELLOWSHIP SCHEME

Targeted Taught Postgraduate Programmes Fellowships Scheme is offered by University Grants Committee (UGC). Please visit <https://polyu.hk/hfkKs> for details.

CONTACT INFORMATION

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