

PDIP MEDICAL IMAGING AND RADIATION SCIENCES

Overview

The Postgraduate Diploma in Medical Imaging and Radiation Sciences is a part-time programme delivered online over two years.

There are two pathways to choose from:

Pathway 1 – Computed Tomography (CT)

Pathway 2 – Magnetic Resonance Imaging (MRI)

Exit Award

Postgraduate Certificate in Medical Imaging and Radiation Sciences

Upon successful completion of modules to the value of 30 credits, students may opt not to proceed with the programme and exit with a Postgraduate Certificate in Medical Imaging and Radiation Sciences (<https://ucc-ie-public.courseleaf.com/programmes/pcmirs/>) (NFQ Level 9, Minor Award).

Progression

MSc in Medical Imaging and Radiation Sciences

Candidates who successfully complete the Postgraduate Diploma in Medical Imaging and Radiation Sciences may apply to progress to the MSc in Medical Imaging and Radiation Sciences (<https://ucc-ie-public.courseleaf.com/programmes/mscmir/>) (NFQ Level 9, Major Award).

Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

Programme Requirements

Code	Title	Credits
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Students take **60** credits as follows:

Year 1

RA6019	Clinical Practice (A)	10
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<i>Pathways</i>		20
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Computed Tomography

AN6061	Comparative Anatomy & Pathophysiology (A)
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RA6014	Principles and Practice of CT (A)
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Magnetic Resonance Imaging

AN6061	Comparative Anatomy & Pathophysiology (A)
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RA6015	Principles and Practice of MRI (A)
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Year 2

Students take **30** credits as follows - all listed core modules (**20** credits) and **10** credits in their chosen pathway.

Core Modules

NU6310	Implementation of Evidence-Based Practice for Quality Improvement in Healthcare	10
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RA6028	Clinical Practice (B)	10
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<i>Pathways</i>		10
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Computed Tomography

RA6024	Principles and Practice of CT (B) (10)
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Magnetic Resonance Imaging

RA6025	Principles and Practice of MRI (B) (10)
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Total Credits

60

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.

Programme Learning Outcomes

1

1-1

Possess the academic skills to critically evaluate the evidence underpinning current imaging and radiation therapy treatment practices.

1-2

2

Demonstrate an ongoing commitment to the professional and caring values which underpin a safe and high-quality clinical service.

1-3

3

Critically evaluate the findings of the audit and clinical and academic evidence to enhance the organisation and management of patient care in various diagnostic imaging/radiation therapy contexts.

1-4

4

Critically evaluate original research sources and their contribution to the evidence base of clinical practice.

1-5

5

Critically evaluate ongoing personal and professional development via the theory and practice of CPD.

1-6

6

To evidence a self-reflective approach to professional practice decision-making and be responsive to the needs of service users.