PCERT MEDICAL IMAGING AND RADIATION SCIENCES

Overview

The Postgraduate Certificate in Medical Imaging and Radiation Sciences is a part-time programme delivered online over one year.

There are two pathways to choose from:

Pathway 1 – Computed Tomography (CT)
Pathway 2 – Magnetic Resonance Imaging (MRI)

Progression

MSc in Medical Imaging and Radiation Sciences and Postgraduate Diploma in Medical Imaging and Radiation Sciences

Candidates who successfully complete the Postgraduate Certificate 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/) or Postgraduate Diploma in Medical Imaging and Radiation Sciences (https://ucc-ie-public.courseleaf.com/programmes/pdmirs/) (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
Students take **30** credits as follows - all listed core modules (**10** credits) and **20** credits in their chosen pathway:		
Core Modules		
RA6019	Clinical Practice (A)	10
Pathways		*20*
Computed Tomography		
AN6061	Comparative Anatomy & Pathophysiology (A) (10)	
RA6014	Principles and Practice of CT (A) (10)	
Magnetic Resonance Imaging		
AN6061	Comparative Anatomy & Pathophysiology (A) (10)	
RA6015	Principles and Practice of MRI (A) (10)	
Total Credits		**30**

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

- Possess the academic skills to critically evaluate the evidence underpinning current imaging/radiation therapy practices.
- Demonstrate an ongoing commitment to the professional and caring values which underpin a safe and high-quality clinical service.
- Through intelligent and critical analysis of original research sources, synthesise the evidence base of clinical practice.
- Critically evaluate original research sources and their contribution to the evidence base of clinical practice.
- Critically evaluate ongoing personal and professional development via the theory and practice of CPD.