

# MSC (APPLIED IMAGING STUDIES)

## Overview

NFQ Level 9, Major award

## Exit Award only

Students on the MSc (Diagnostic Radiography) (<https://ucc-ie-public.courseleaf.com/programmes/mscdr/>) programme who successfully complete taught modules to the value of at least 90 credits (from RA6001, RA6002, RA6003, RA6004, RA6005, RA6007, RA6009, RA6010 and RA6012) may choose to exit the programme and be awarded an MSc (Applied Imaging Studies) at the end of Second Year.

## 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 <b>90</b> credits as follows:		
<i>Core Modules</i>		
RA6001	Biological Sciences for Health Professionals	10
RA6002	Image Acquisition and Information Management Systems	10
RA6003	Medical Radiation Science and Radiobiology	10
RA6004	Principles of Research	10
RA6005	Principles and Practice of Radiography 1	10
RA6007	Advanced Medical Radiation Science	10
RA6009	Radiographic Image Interpretation	5
RA6010	Medical Radiation Service Management	5
RA6012	Research Dissertation	20
<b>Total Credits</b>		<b>90</b>

## 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

**Programme Learning Outcomes for MSc (Applied Imaging Studies) (NFQ Level 9, Major Award)**

On successful completion of this programme, students should be able to:

- Possess the academic skills to critically evaluate the evidence underpinning current imaging practices.
- Demonstrate ongoing commitment to the professional and caring values, which underpin a safe and high quality clinical service.
- Critically evaluate the findings of audit, clinical and academic evidence to enhance the organisation and management of patient care in a variety of diagnostic imaging contexts.
- Demonstrate the ability to evaluate and respond to complex and changing clinical situations in a professional manner.
- Apply in-depth knowledge and critical understanding of key clinical and professional issues in the practice of diagnostic radiography.

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