

# MSC MEDICAL IMAGING AND RADIATION SCIENCES

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## Programme Learning Outcomes

- Demonstrate the professional attributes, leadership and clinical skills required to undertake competent advanced clinical imaging/treatment practices in various clinical settings relevant to the student.
- Demonstrate an ongoing commitment to the professional and caring values which underpin a safe and high-quality clinical service.
- Critically evaluate the audit findings and clinical and academic evidence to enhance the organisation and management of patient care in various diagnostic imaging and radiation therapy contexts.
- Demonstrate the ability to evaluate and respond professionally to complex and changing clinical situations.
- Apply in-depth knowledge and critical understanding of key clinical and professional issues in diagnostic radiography/radiation therapy and apply clinical leadership and independent professional practice commensurate with a clinical specialist radiographer.
- Critically evaluate original research sources and their contribution to the evidence base of clinical practice.
- Synthesise an understanding of the ethical and confidentiality rules governing the professional practice of diagnostic radiography/radiation therapy to comply with all relevant professional statutory and regulatory body standards and processes that maintain these standards.
- 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.
- Apply a holistic approach to developing professional competencies within the multi-professional environment to become a safe reflective, advancing practitioner.