

# MSC (APPLIED RADIATION SCIENCE)

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## Programme Learning Outcomes

Programme Learning Outcomes for MSc (Applied Radiation Science)  
(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 therapy practices;
- Evaluate and demonstrate ongoing commitment to the professional and caring values which underpin a safe and high-quality clinical service;
- Through critical analysis of audit, and clinical and academic evidence, be able to critically evaluate the organisation and management of patient care in a variety of therapy contexts in order to identify ways in which clinical services may be enhanced;
- 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 Radiation Therapy;
- Through intelligent and critical analysis of original research sources, be able to synthesize the evidence base of clinical practice;
- Conceptualise an understanding for ongoing personal and professional development and demonstrate critical understanding of the theory and practice of CPD;
- Evidence a self-reflective approach to professional practice decision-making and be responsive to the needs of service users.