

## Master of Science

# Medical Science (Online)



The MSc in Medical Science is focused on Medical Science professionals aiming to enhance their careers in research and advanced clinical or professional practice. The programme allows learners to specialise in one of the core Medical Science disciplines and develop an in-depth knowledge of clinical and laboratory medicine and advanced skills to conduct independent research. This programme is fully accredited by the Academy of Clinical Science and Laboratory Medicine (ACSLM).

### Career Opportunities

Graduates can expect to take up positions as Senior Medical Scientist, Specialist Medical Scientist, Chief Medical Scientist and Laboratory Manager.

**Course Title** Master of Science  
in Medical Science (Online)

**Credits**  
90 ECTS

**NFQ Level**  
9

**Campus**  
Galway

**Duration**  
2 Years (Part Time)



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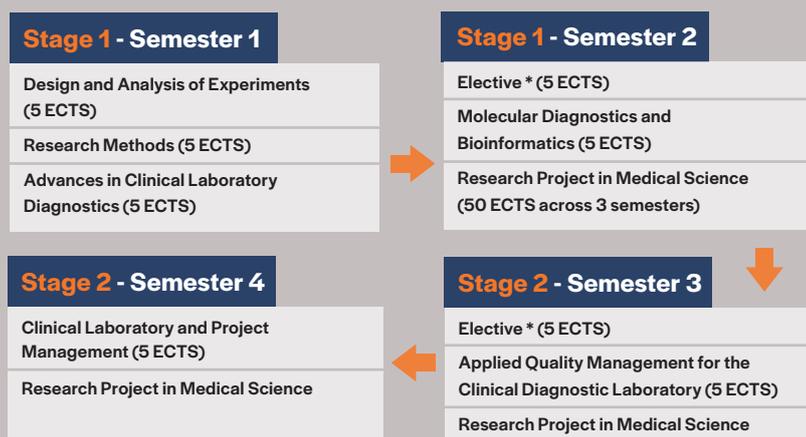
## Why Study the MSc in Medical Science?

- The Programme will develop skills pertinent to the Medical Science profession through a suite of advanced specialist modules which will further enhance career opportunities.
- Co-delivered by both practitioners and academic experts.
- The programme has a strong emphasis on work-based learning and the 3-semester long research project will be carried out in your hospital laboratory.

## What can I Expect?

- The MSc in Medical Science has been designed for Medical Scientists in full-time employment.
- This programme is delivered fully online with no onsite attendance required.
- Lectures and tutorials will be a blend of pre-recorded and live online classes.
- The research project will be conducted in your place of work and you will be supported by a collaborative network of colleagues and supervisors throughout.

## Course Content and Schedule



\* Candidates will choose from one of the following electives (subject to availability) –

- Advanced Practice in Transfusion and Transplantation Science • Advanced Clinical Chemistry
- Advanced Clinical Laboratory Haematology • Advanced Clinical Microbiology and Infection
- Clinical Immunology, Global Infections and Therapeutics • Advanced Cellular Pathology

## Entry Requirements

- Entry requirements include a BSc (Hons) in Medical Science/Biomedical Science and currently working as a Medical Scientist in a clinical diagnostic laboratory.
- Candidates enrolled on the programme must complete a laboratory-based research project.
- Access to laboratory facilities and associated supports is a prerequisite for this programme.
- English Language Requirements will be as determined by the institute.

**I want to know more. Who can I talk to?**

**Dr Eugene McCarthy**  
 Head of Department of Analytical, Biopharmaceutical and Medical Sciences  
 T +353 (0)91 74 2081 | E [eugene.mccarthy@atu.ie](mailto:eugene.mccarthy@atu.ie)  
 Or find out more at [www.atu.ie](http://www.atu.ie)

## Student Endorsement

*“One of the aspects that I enjoyed most about this course was the guest lectures from experts in the medical science field. The material in this course is very relevant to working in a clinical laboratory and lecturers are also extremely accommodating as they know people are working full time. I would highly recommend this course as it equips you with the knowledge and skills needed to further your career as a Senior Medical Scientist and also opens up the possibility of progression to PhD studies (level 10).”*



**Zara Brady - Medical Scientist, Biochemistry Department, Cavan General Hospital**

## Industry Endorsement

*“This programme offers remarkable flexibility to accommodate the professional, academic, and personal commitments of its candidates. The well-structured curriculum provides the necessary theoretical and practical knowledge to prepare candidates for senior and specialist roles in the clinical laboratory. I highly endorse this programme as it provides an exceptional learning experience, equipping candidates with the competencies and skills required to excel in their careers in Medical Science.”*

**Richard Leigh - Senior Medical Scientist, Biochemistry Department, Blackrock Health - Galway Clinic (MSc in Medical Science Research Project Supervisor)**

## How to Apply

Apply directly using the Online Admissions system. Please provide the following documentations to support your application:

1. A CV (max three pages) detailing your qualifications and career to date.
2. A personal motivational statement, which should include an outline of your experience working as a Medical Scientist.



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