

MRES (MASTER OF RESEARCH) IN MEDICAL SCIENCES

Overview

Status: Active

National Framework Of Qualifications (NFQ) Level: 9

NFQ Award Class: Major Award

Duration Full Time: 12 Month(s)

Duration Part Time: 24 Month(s)

Total Credits: 90

Delivery Method: In-Person

Connected Curriculum:

- Civic and Community Engagement
- Employability
- Inter-and Transdisciplinary
- Research Based Teaching

Graduate Attributes:

- Creator, evaluator and communicator of knowledge
- Effective global citizen
- Independent and creative thinker
- Socially Responsible

Work-Integrated Learning (Including Placement):

No

The MRes in Medical Sciences is a combined research and teaching programme with advanced tuition in skills in health sciences research which is taken full-time over 12 months, or part-time over 24 months, from the date of first registration for the programme.

Students undertake a total workload equivalent to **90** credits over the 12-month (full-time) or 24-month (part-time) programme, the principal element of which is the completion of a major research thesis of approximately 20,000 words. In parallel, students must take and pass taught modules to the value of 20 credits.

See also Procedures for Submission and Examination of Research Masters Degrees (<https://ucc-ie-public.courseleaf.com/postgraduate/master/master-research/>). (<https://reg.ucc.ie/curriculum/calendar/live/postgraduate/Masters/Procedures%20for%20Submission%20and%20Examination%20of%20Research%20Masters%20Degrees.pdf>)

Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

Programme Requirements

Code	Title	Credits
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Students take **90** credits as follows - taught modules to the value of **20** credits and a research thesis to the value of **70** credits as follows:

Taught Modules		
<i>Core Modules</i>		
MH6014	Advanced Research Methods for Healthcare Professionals	10
<i>Elective Modules</i>		
Students take modules to the value of 10 credits from the following:		10
1, 2		
PG6003	Teaching and Learning for Graduate Studies (5)	
PG6009	Graduate Information Literacy (5)	
PG6014	Scientific Outreach and Communication (5)	
PG6015	An Introduction to Research Integrity, Ethics and Open Science (5)	
PG6024	Qualitative Research Inquiry (5)	
Research		
Independent research towards completion of a Thesis on a selected topic in Medicine		70
Total Credits		90

¹ As agreed with the Programme Co-ordinator.

² With the permission of the Programme Co-ordinator, students can opt to take other relevant modules to fulfil the elective requirement.

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 MRes (Master of Research) in Medical Sciences (NFQ Level 9, Major Award)

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

- Carry out an independent and original research project to address an emerging question in Medical Science.
- Prepare and write a research project thesis in a critical, logical and systematic manner, in keeping with the standards of postgraduate research.
- Display advanced theoretical knowledge and practical understanding within a research area of Medical Science.
- Understand the basis and application of quantitative and qualitative methods used in Medical Science.
- Avail of relevant workshops or modules to increase scientific technical skills.
- Develop the ability to critically evaluate current research and research techniques and methodologies.
- Develop professional practice skills including team-work, negotiation, time-management, scientific writing and oral communication.