



MSc. in Clinical Research

The objective of this course is to provide Course Facts training for the next generation of healthcare workers in the clinical research arena, providing a platform for more enhanced efficiencies in the translation of medical discoveries into clinical practice. Course contributors include senior academics and medical professionals from NUI Galway and Saolta University Health Care Group, who are actively engaged in clinical research. This programme is closely linked with the HRB Clinical Research Facility, Galway.

Course Facts

Course level: Level 9

Duration: 1 Year Full Time; 2 Years Part Time

Entry Requirements:

Students must have completed either; 1) Undergraduate degree in medicine or; 2) Other healthcare-related undergraduate degree with a minimum of 2nd Class honours degree, Grade 1 or; 3) Biomedical sciences with a minimum of 2nd Class honours degree, Grade 1.

Applications from graduates of non-healthcare related degrees are also considered (minimum requirement of 2nd Class honours, Grade 1) on a case-by-case basis. Applicants with significant relevant experience will also be considered for this programme.

Fees: Current year fees are:

Refer to the NUIG Fees Office website

<http://nuigalway.ie/student-fees/how-much/postgraduate-fees/>

Applying: <https://nuigalway.elluciancrmrecruit.com/Apply/Account/Login>

Closing Date: Further details on closing dates can be found on

<https://www.nuigalway.ie/postgrad-admissions/key-dates/>



Why study this programme?

Aimed at individuals employed in the healthcare sector, this course has been developed to meet the needs of working graduates who wish to up-skill, specialise or change career direction. The MSc. program provides training for qualified individuals who wish to become independent clinical investigators or those who wish to seek employment in leadership positions in clinical research teams. The programme structure is such that those in full-time employment will be able to undertake this on a part-time basis.

Programme outline

Each on-site module includes a structured curriculum of weekly lectures and tutorials (problem-based learning). For modules provided by distance-learning, there will also be monthly sessions to monitor module progression and review any challenging content areas. Classes may also take place outside of office hours to accommodate those in full time employment. Students have the opportunity to gain Clinical Research Assistant experience while undertaking the Masters, through the HRB-CRFG. See www.crfg.ie

Core Modules:	ECTS	Semester
Fundamentals of Health Research & Evaluation Methods	10	1
Introduction to Biostatistics I	10	1
Introduction to the Ethical and Regulatory Frameworks of Clinical Research	10	1
Choice of Additional Modules:		
Introduction to Biostatistics II	10	2
Observational and Analytical Research Methods	10	2
Research Methods for Randomized Controlled Trials	10	2
Systematic Reviews	10	2
Economic Evaluation in Healthcare	10	1
Health Systems and Policy Analysis	10	2
Translational Medicine	10	2
Clinical Research Administration	10	2
Bio-Ethics	10	1
Biobanking – Advanced Clinical Application and Testing	10	2
First in Human, Early Phase Clinical Trials	10	1
Compulsory Coursework:		
Independent Study Module; paper publication OR	10	1 or 2
Thesis	30	Year long
TOTAL	90	

Employment and Career opportunities

Students of the MSc. in Clinical Research will be expected to progress to become principal investigators or administrators in the conduct, managing and monitoring of clinical research. The conduct and oversight of clinical research has become a prominent source of jobs in a variety of settings, including university and colleges, pharmaceutical industry, non-academic clinical research organizations, hospitals, independent funding agencies and government agencies. Additional opportunities include employment in teaching and consultation.

Testimonials



Alice Power

Quality & Regulatory Affairs Manager

"The MSc. in Clinical Research was an overall excellent experience. I gained a thorough understanding of all aspects of clinical research and since my graduation this has been beneficial to the progression of my career in research administration and management roles. The module choices offered, through both online and classroom learning, were wide enough to allow for selection on the components you might be more interested in while having optimum required core modules. Engagement, support and insight from experienced course lecturers was always available. I have to say that completion of this MSc. has stood to me very well and would highly recommend to anyone considering a clinical research management/administration future."



Dr Martin O'Halloran

Techrete Senior Lecturer in Medical Electronics,
Director of Translational Medical Device Lab

"In recent decades, the medical devices sector has become an ever-increasing part of the West of Ireland's economic landscape. The growth of the sector has been supported by academic initiatives like BioInnovate, CURAM and the HRB's Clinical Research Facility in Galway (CRFG). The Masters in Clinical Research delivered by the CRFG trains medical devices researchers on the fundamentals of designing, implementing and analysing a clinical trial. Uniquely, since the material is delivered by CRF staff themselves, the course also addresses the practical challenges of clinical research. The course content is very carefully considered and is both challenging and engaging. I couldn't recommend the course highly enough and would consider such training a must for those engaging in medical device trials."

Find out more/ Enquiries to:

Director

Prof. Andrew Smyth

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Coordinator

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