



Module Descriptor for MDCS41630 in 2022/2023

Short Title	Long Title	Subject Area	College	School/Unit	Last Modified
Clin & Translational Research	Clinical & Translational Research	Medicine Clinical Science	Health & Agricultural Sciences	Medicine	08 Sep 2022

UCD Level	Credits (ECTS)	Semester/Trimester	Grade Scale	VLE Setup	Module Coordinator	Status
4 - Masters	10.0	Autumn	Letter grades	Module in Brightspace	Deborah Wallace	Active

Mode of Delivery	Internship Module	Clinical / Fieldwork / Placement
Blended	No	Other

Overall Places	Core/Option	General Elective	First Year Elective	International	Open Learning
40	40	0	0	0	0

Purpose & Overarching Content
<p>This module forms part of the MSc in Clinical & Translational Research. The goal of this module is to provide an overview of the knowledge, skills and competencies that will allow completion of a programme of clinical and translational research. Specifically, this Module will:</p> <ul style="list-style-type: none">- Explain the study designs used in clinical & translational research- Discuss the range of methods available for the analysis of samples obtained from clinical & translational research- Explain statistical methods used to design and analyse clinical & translational research projects- Review standards of Good Clinical Practice in research- Provide a detailed introduction to clinical trials- Introduce project management concepts- Explain key approaches in critical appraisal, data presentation and discussion

Learning Outcomes
<p>On completion of this course students will demonstrate advanced knowledge of clinical & translational research methods. Specifically, students will be able to:</p> <ul style="list-style-type: none">- Understand clinical & translational research principles, including study design- Understand core methodologies used in the conduct of clinical & translational research, including data management, biological sample handling/storage, and basic data analysis- Analyse the design of clinical & translational research projects- Gain practical knowledge of the conduct of clinical trials- Understand the linkages between clinical and basic research- Critically appraise scientific literature

Approaches to Teaching and Learning
<p>Active / task-based learning Group work Student presentations Lectures Problem based learning</p>

Student Effort Hours

Student Effort Type	Hours
Contact Time	
Lectures	35
Total Contact Time	35
Specified Learning Activities	
Specified Learning Activities	95
Total Specified Learning Activities	95
Autonomous Student Learning	
Autonomous Student Learning	80
Total Autonomous Student Learning	80
Total	210



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Assessment Details

Assesment Type	Description	Timing	Open Book?	% of Final Grade	Component Scale	Must-Pass?	In-module Component Repeat Offered?
Assignment	Assignment (GCP)	Throughout the Trimester		20	Standard Conversion Scale	No	No
Assignment	Assignment (Study Types)	Throughout the Trimester		30	Standard Conversion Scale	No	No
Examination	MCQ	1 hour End of Trimester Exam	No	50	Standard Conversion Scale	No	No
Total				100			

Carry Forward of Passed Components

Yes

Feedback Strategy

Feedback Strategies	Sequence of Feedback
- Feedback individually to students, post-assessment	

Remediation Strategy

Remediation Type	Remediation Timing
Resit	Within Two Trimesters

Prior Learning

Requirement	Details
Learning Requirements	Undergraduate College Degree

Associated Staff

Name	Role
Dr Marie Galligan	Lecturer / Co-Lecturer
Dr Sinead Holden	Lecturer / Co-Lecturer
Professor Patrick Murray	Lecturer / Co-Lecturer
Ms Helen Champion	VLE Access Only
Miss Denise Gosling	Module Assistant
Mr Martin Heduan	VLE Access Only
Mrs Allison Kacperski	VLE Access Only
Mr Adam Tattersall	VLE Access Only

Associated Majors

Programme	Major	Stage	Module Type
MTMED001 - Master of Science-Medicine	X789 - MSc Clinic&Transl Research FT	1	Core Module
MTMED001 - Master of Science-Medicine	X427 - MSc Clinic&Transl Research PT	1	Option Module

For help with the information on this report, please email curriculum@ucd.ie