



Module Descriptor for MDCS41880 in 2022/2023

Short Title	Long Title	Subject Area	College	School/Unit	Last Modified
Clinical Research Project	Clinical Research Project	Medicine Clinical Science	Health & Agricultural Sciences	Medicine	16 Jan 2023

UCD Level	Credits (ECTS)	Semester/Trimester	Grade Scale	VLE Setup	Module Coordinator	Status
4 - Masters	30.0	Spring and Summer (separate)	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
80	50	0	0	30	0

Purpose & Overarching Content
<p>This module forms part of the MSc in Clinical & Translational Research.</p> <p>The goal of this module is to provide a practical application of the range of technologies and methodologies studied in this programme to a defined research programme.</p> <p>Students will further develop their research protocol and will complete a study specific</p> <ol style="list-style-type: none"> 1) Systematic Review 2) Case Report Form 3) Data Management and Statistical Analysis Plan 4) Regulatory documents <p>Through this activity students will apply their accumulated knowledge to a research topic.</p>

Learning Outcomes
<p>Upon completion of this module students will be able to</p> <ol style="list-style-type: none"> 1) Complete a systematic review of the literature 2) Create clinically and scientifically validated data collection forms 3) Write a data management and statistical analysis plan for a clinical trials 4) Obtain regulatory approvals for clinical study <p>In addition students will prepare a thesis and present their study in an oral presentation</p>

Indicative Module Content
<p>This module completes the MSc in Clinical and Translational research and will require students to use the knowledge gained in the programme to prepare a thesis. This thesis will be composed of the key documents necessary to initiate a clinical trial and so builds on the learning to date</p>

Approaches to Teaching and Learning
<p>Task based learning</p> <p>Presentations</p> <p>Writing</p>

Student Effort Hours

Student Effort Type	Hours
Contact Time	
Tutorial	12
Total Contact Time	12
Specified Learning Activities	
Specified Learning Activities	32
Total Specified Learning Activities	32
Autonomous Student Learning	
Autonomous Student Learning	200
Total Autonomous Student Learning	200
Total	244



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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	Systematic Review	Throughout the Trimester		25	Graded	No	No
Presentation	Presentation	Coursework (End of Trimester)		30	Graded	No	No
Project	Thesis	Coursework (End of Trimester)		45	Graded	No	No
Total				100			

Carry Forward of Passed Components
Yes

Feedback Strategy

Feedback Strategies	Sequence of Feedback
<ul style="list-style-type: none"> - Feedback individually to students, on an activity or draft prior to summative assessment - Feedback individually to students, post-assessment - Self-assessment activities 	Students completing MDCS41880 are assigned to an academic staff member and receive ongoing feedback as they develop their thesis

Remediation Strategy

Remediation Type	Remediation Timing
Repeat	Within Two Trimesters

Prior Learning

Requirement	Details
Learning Requirements	Students must have completed all other modules in the MSc clinical and Translational research prior to attempting the clinical research project

Module Requisites

And/Or	(Module Code	Module Title	Type)
		MDCS41900	Clinical Protocol Development	Prereq	
And		MDCS41640	Clinical Trials	Prereq	
And		MDCS41940	Clinical Trial Management	Prereq	

Associated Staff

Name	Role
Dr Marie Galligan	Lecturer / Co-Lecturer
Professor Patrick Murray	Lecturer / Co-Lecturer
Ms Helen Campion	VLE Access Only
Miss Denise Gosling	Module Assistant
Mr Martin Heduan	VLE Access Only
Dr Sinead Holden	Tutor

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