



Module Descriptor for MDCS41980 in 2022/2023

Short Title	Long Title	Subject Area	College	School/Unit	Last Modified
Clinical Trials Online	Clinical Trials Online	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
Online	No	Other

Overall Places	Core/Option	General Elective	First Year Elective	International	Open Learning
100	100	0	0	0	0

Purpose & Overarching Content
<p>This module forms part of the Graduate Certificate in Clinical Trials. The goal of this module is to provide an overview of clinical trials from idea to completion, with specific reference to trial design considerations</p> <ul style="list-style-type: none"> * Introduce the different types of clinical trial * Explain the study designs used in clinical trials * Understand how populations are selected and control groups used * Understand the importance of endpoints and how these are analysed * Understand the process of drug development, including discovery, preclinical testing and clinical trials

Learning Outcomes
<p>On completion of this course students will demonstrate advanced knowledge of clinical trials. Specifically, students will be able to:</p> <ul style="list-style-type: none"> * Understand clinical trial principles, including study design * Understand regulatory and legal environment in which clinical trials are completed * Analyse the design of clinical trials and the populations used * Assess the suitability of the endpoints employed in clinical trials * Understand how emerging designs are directly enhancing clinical trials

Indicative Module Content
<p>Drug Discovery & Development Preclinical testing Trial Types Pharmacology Adverse Events Trial Designs Trial Populations Trial Controls Trial Endpoints</p>

Approaches to Teaching and Learning
<p>Lectures Active/task-based learning Case-based learning; Online Quizzes</p>

Student Effort Hours

Student Effort Type	Hours
Contact Time	
Tutorial	20
Lectures	50
Total Contact Time	70
Autonomous Student Learning	
Autonomous Student Learning	140
Total Autonomous Student Learning	140
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	Study Types Students will be provided with a number of scenarios and asked to describe the most appropriate study design	Varies over the Trimester		30	Graded	No	No
Examination	LIVE MCQ	2 hour End of Trimester Exam	No	70	Graded	No	No
Total				100			

Carry Forward of Passed Components

Yes

Feedback Strategy

Feedback Strategies	Sequence of Feedback
- Group/class feedback, post-assessment - Online automated feedback	Students receive feedback on an ongoing basis through the online quiz, in addition to feedback on components

Remediation Strategy

Remediation Type	Remediation Timing
Resit	Within Two Trimesters

Associated Staff

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

Associated Majors

Programme	Major	Stage	Module Type
GCMED004 - Graduate Certificate Medicine	X787 - GC Clin&TransRes(Online)SeptPT	1	Core Module

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