

MSC IN MEDICAL DEVICE DEVELOPMENT

Overview

Status: Not on offer

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: Blended

Connected Curriculum:

- Employability
- Inter-and Transdisciplinary
- Research Based Teaching

Graduate Attributes:

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

Work-Integrated Learning (Including Placement):

No

(Joint Degree Between Munster Technological University and University College Cork)

The MSc in Medical Device Development is a full-time taught programme, which runs over one year. This is a joint programme between Munster Technological University (MTU) and University College Cork (UCC). Students make their application for the programme through MTU.

UCC Code	MTU Code	Module Run by	Module Title	Credit
AN6050	BIOE9002	UCC	Principles of Human Anatomy	5
AN6051	BIOE9003	UCC	Human Biomechanics	5
AN6052	BIOE9001	UCC	Anatomy for Biomedical Devices - Cardiovascular & Neurovascular Systems	10
AN6053	BIOE9005	UCC	Anatomy for Biomedical Devices – Orthopaedics & Musculoskeletal System	10
AN6054	INTR9025	MTU	Design Innovation	5
AN6055	MATE9001	MTU	Biomaterials for Medical Device Development	10

AN6056	MECH9010	MTU	Mechanics for Medical Device Development	5
AN6057	BIOE9004	MTU	Integrated Product and Process Design	10
AN6058	INTR9026	MTU	Research Project: Medical Device Development	30

Progression from the Postgraduate Certificate in Anatomy for Medical Device Development (NFQ Level 9, Minor Award)

Following successful completion of the Postgraduate Certificate in Anatomy for Medical Device Development (<https://ucc-ie-public.courseleaf.com/programmes/pcamdd/>), a student may progress to the MSc in Medical Device Development. Students who are successful in their application will be eligible to apply for an exemption for modules they completed on the Postgraduate Certificate in Anatomy for Medical Device Development.

Exit Award: Postgraduate Diploma in Medical Device Development (NFQ Level 9, Major Award)

Students who successfully complete taught modules to the value of 60 credits may choose to exit the programme and be awarded a Postgraduate Diploma in Medical Device Development (<https://ucc-ie-public.courseleaf.com/programmes/pdmdd/>).

Programme Requirements

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