

# BSC (HONS) (BIOMEDICAL SCIENCE) - MT871

## Overview

**Status:** Active

**National Framework Of Qualifications (NFQ) Level:** 8

**NFQ Award Class:** Major Award

**Duration Full Time:** 4 Academic Year(s)

**Total Credits:** 240

**Delivery Method:** In-Person

### Connected Curriculum:

- Employability
- Research Based Teaching
- Sustainability

### Sustainable Development Goals (SDGs):

- Good Health and Well-being

### Graduate Attributes:

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

### Participating External Partners:

- MTU - Munster Technological University

### Type of Arrangement:

- Joint Degree

### Work-Integrated Learning (Including Placement):

No

## NFQ Level 8, Major Award

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

Prospective students - please note that CAO entry to this joint degree programme is through MT871<sup>1</sup> under Munster Technological University

<sup>1</sup> Note: students who entered prior to 2022/23 entered via CR320.

## First Year - Biomedical Science

In First Biomedical Science, students take the prescribed modules to the value of 60 credits (module codes marked with \* indicate the code of the coordinating institution).

### Module Codes Used by Each Institution

UCC Code	MTU Code	Module Run by	Module Title	Credit
BM1001	BIOL6020*	MTU	Introduction to Biomedical Science I	5
BM1002	BIOL6021*	MTU	Introduction to Biomedical Science II	5
BM1003	BIOL6008*	MTU	Cell Biology	5
BM1004	CMOD6001*	MTU	Creativity, Innovation & Teamwork	5
BM1007	BIOL6010*	MTU	Introduction to Health Science	5
BM1008	BIOL6012*	MTU	Human Biology	5
BM1009	CHEM6011*	MTU	Biological Chemistry 1	5
BM1010	CHEM6009*	MTU	Biological Chemistry 2	5
MA1001*	MATH6048	UCC	Calculus for Science Part 1	5
MA1002*	MATH6049	UCC	Calculus for Science Part 2	5
PY1008*	PHYS6028	UCC	Physics for Biomedical, Environmental, Food and Nutritional Sciences	10

## Second Year - Biomedical Science

In Second Biomedical Science, students take the prescribed modules to the value of 60 credits (module codes marked with \* indicate the code of the coordinating institution).

### Module Codes Used by Each Institution

UCC Code	MTU Code	Module Run by	Module Title	Credit
BM2003	GENE7001*	MTU	Molecular Biology Principles	5
BM2005	BIOL7002*	MTU	Bioanalytical Science	5
BM2006	BIOL7007*	MTU	Introduction to Clinical Biochemistry	5
BM2007	BIOL7012*	MTU	Haematology and Transfusion Science	5
BM2008	BIOL7031*	MTU	Professional Practice	5
AN2004*	BIOL7025	UCC	Human Histology	5
BC2001*	BIOL7003	UCC	Biomolecules	5
BC2002*	BIOL7020	UCC	Principles of Metabolic Pathways	5
MB2005*	BIOM7007	UCC	Fundamental of Microbiology	5
MB2006*	BIOM7008	UCC	Principles of Microbiology	5
PL2021*	PHOL7001	UCC	Introductory Physiology I	5
PL2022*	PHOL7002	UCC	Introductory Physiology II	5

### Third Year - Biomedical Science

In Third Biomedical Science, students take the prescribed modules to the value of 60 credits (module codes marked with \* indicate the code of the coordinating institution).

#### Module Codes Used by Each Institution

UCC Code	MTU Code	Module Run by	Module Title	Credit
BM3006	CHEM8005*	MTU	Pharmacology	5
BM3007	GENE8002*	MTU	Molecular Biology	5
BM3008	BIOM8004*	MTU	Diagnostic Microbiology	5
BM3009	BIOL8015*	MTU	Anaemia and Immunohaematology	5
BM3013	BIOL8024*	MTU	Research and Professionalism	5
MB3001*	BIOM8005	UCC	Medical Microbiology	5
MB3008*	BIOM8007	UCC	Immunology: Host Response to Pathogens	5
MB3012*	BIOM8008	UCC	Transmission and Epidemiology of Infectious Diseases	5
BC3001*	BIOL8018	UCC	Structural Biochemistry	5
BC3002*	BIOL8020	UCC	Advanced Metabolism in Health, Disease and Cancer	5
BC3004*	BIOL8019	UCC	Cell Signalling	5
BM3001*	BIOL8021	UCC	Cellular Pathology 1	5

### Fourth Year - Biomedical Science

In Fourth Biomedical Science, students take the prescribed modules to the value of 60 credits (module codes marked with \* indicate the code of the coordinating institution).

#### Module Codes Used by Each Institution

UCC Code	MTU Code	Module Run by	Module Title	Credit
BM4009	BIOL8013*	MTU	Transfusion & Transplantation	5
BM4010	BIOL8016*	MTU	Clinical Biochemistry	5
BM4012	BIOM8010*	MTU	Quality Management Systems	5
BM4014	BIOL8017*	MTU	Statistics in Biomedical Science	5
BM4015	GENE8001*	MTU	Molecular Diagnostics	5
BM4016	BIOL8014*	MTU	Haematology Disorders	5
BM4017	BIOT8010*	MTU	Bioinformatics for Biomedical Science	5
BM4007*	BIOL8022	UCC	Cellular Pathology II	5
BM4013*	BIOM8011*	UCC/MTU	Research Project	15
BM4018	BIOM8013*	MTU	Clinical Microbiology	5

### Programme Requirements

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