

# BMEDSC DEGREE

## Overview

NFQ Level 7, Major Award

## Exit Award only

Students on the MB, BCH, BAO Degrees (<https://ucc-ie-public.courseleaf.com/programmes/bmbb/>) programme who have successfully completed the Third University Examination in Medicine at the Summer and/or Autumn Examination and who do not wish to continue with their Medical studies are eligible to exit with a BMedSc (Ordinary) Degree (NFQ Level 7, Major Award).

Students who have passed the Third University Examination in Medicine, and who subsequently fail either the Fourth University Examination or Final Medicine Examination are also eligible to exit with the award of a BMedSc (Ordinary) Degree (NFQ Level 7, Major Award).

## Programme Requirements

For information about modules, module choice, options and credit weightings, please go to Programme Requirements (p. 1).

## Programme Requirements

Code	Title	Credits
<b>Year 1</b>		
Students take <b>60</b> credits as follows – all listed core modules ( <b>55</b> credits) and <b>5</b> credits of elective modules:		
<i>Core Modules</i>		
HC1002	Person, Culture and Society I	5
CP1080	Clinical Science and Practice 1	5
CP1090	Clinical Science and Practice I	5
FM1010	Foundations of Medicine 1 - Introductory Human Biology	15
FM1020	Foundations of Medicine 2 - Cardiovascular Biology	5
FM1030	Foundations of Medicine 3 - Respiratory Biology and Metabolism	10
FM1040	Foundations of Medicine 4 - Gastrointestinal, Nutritional and Metabolic Biology	10
<i>Elective Modules</i>		
Students take <b>5</b> credits from the following:		
EH1090	Epidemiology Elective I	5
FR1106	Threshold French II	
HS1094	Spanish Language for First Year Medical Students (Beginner Level)	
IT1171	Italian Language for Medical Studies (Beginner Level)	
LC0001	Medical English	
MX1001	Library Project in Medicine I	
MX1006	Student Directed Special Study Module in Medicine	
MX1007	Special Study Module: Advanced Irish Language	
MX1009	History of Medicine	
UW0092	Science in Society for Medicine (available to MB, BCH, BAO students only)	

## Year 2

Students take **60** credits as follows – all listed core modules (**55** credits) and **5** credits of elective modules:

### Core Modules

HC2002	Person, Culture and Society II	10
CP2001	Clinical Science and Practice II	10
FM2003	Foundations of Medicine: Medical Pharmacology	5
FM2004	Foundations of Medicine: Mechanisms of Disease	10
FM2101	Foundations of Medicine: Neuroscience	10
FM2102	Bone Metabolism, Renal Mechanisms of Homeostasis and Associated Anatomy	10

### Elective Modules

Students take **5** credits from the following, **not already chosen in a previous year:**

AN2062	Human Embryology and Developmental Anatomy	
FR2106	Towards Vantage French II	
HS1092	Spanish Language for Second Year Medical Students (Beginner Level)	
MX1004	Introducing Medical Students to Irish as a Spoken Language	
MX2002	Library Project in Medicine II	
MX2006	Student Directed Special Study Module in Medicine	
MX2008	Medical Research Project	
MX2009	Advanced Irish Language II	
MX2010	Visual Culture and Medicine	
PT2101	Chemotherapy and Pharmacology of Inflammation	
ST1001	Introduction to Health Statistics	

## Year 3

Students take **60** credits as follows – all listed core modules (**55** credits) and **5** credits of elective modules:

### Core Modules

CP3003	Clinical Science and Practice III	5
CP3005	Clinical Science and Practice IV	15
CP3105	Clinical Science and Practice V	5
FM3003	Foundations of Medicine: Fundamentals of Therapy	10
FM3005	Foundations of Medicine: Manifestations of Disease	10
HC3008	Epidemiology for Evidence Based Healthcare	5
MX3020	Research for Medicine and Health I	5

### Elective Modules

Students take **5** credits from the following, **not already chosen in a previous year:**

AN3000	Advanced Anatomical Skills	
DR3037	Drama for Medicine	
IP3008	Palliative Care: An Interdisciplinary Approach	
IS3101	Health Information Systems and e-Health	
MX3005	Creative Writing for Medical Students	
MX3006	Student Selected Special Study Module in Medicine	
MX3009	Leadership and Teamwork in Medicine	
MX3011	Malnutrition and Nutrition Support	
MX3015	Psychological Medicine	
MX3016	Teaching and Learning in Medicine	

MX3017 Preparing for the United States Medical Licensing Exam (USMLE) Step 1

PM3090 Genetic Research in Human Disease

**Total Credits** 180

## Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.

## Programme Learning Outcomes

**Programme Learning Outcomes for BMedSc (Ordinary) Degree (NFQ Level 7, Major Award)**

On successful completion of this programme, students should be able to:

- Describe and explain the basic principles of medical science (i.e. anatomy, biochemistry, physiology) at whole body, organ, tissue, cellular and sub-cellular level;
- Diagnose, explain and describe the pathogenesis and natural history of selected common and paradigmatic human diseases;
- Select and interpret specific diagnostic tests used in common medical conditions;
- Describe the major classes of drugs and pharmacological approaches to management of common medical conditions;
- Demonstrate knowledge of principles of health promotion and disease prevention at individual and population level;
- Demonstrate an appreciation of the relevance and significance of behavioural science in the medical sciences;
- Describe the role of the medical practitioner as a health advocate and explain the relevant ethical and legal issues arising from this role;
- Demonstrate an ability to use appropriate strategies for literature searching and the use of library resources;
- Perform an identified set of procedural skills, including first aid and how to behave in a sterile environment.