

## **MEDICAL SCIENCES (MRes/PgDip/PgCert)**

**91B99SH9/92B99SVX/93B99SVZ**

*Duration:* 12 months full time; 24 months part time (MRes)

*Content:*

Candidates shall be required to attend the following designated programme of courses:

### **FULL TIME ROUTE**

#### **Stage 1**

MB5027 Shaping a Research Question (5 credit points)

Plus four from the following:

BT5013 Small Molecular Drug Discovery (15 credit points)  
BT5014 Biotechnology (15 credit points)  
MB5021 Bioinformatics (15 credit points)  
MB5025 Molecular Genetics (15 credit points)  
MB5028 Profiles of Immunology (15 credit points)  
MC5008 Introduction to Microbiology (15 credit points)  
MT5029 Toxicology (15 credit points)  
MT5024 Molecular Pharmacology (15 credit points)  
PU5017 Applied Statistics (15 credit points)  
MB5026 Principles of Reproductive Biology (15 credit points)  
BM5003 Cardiovascular Health and Disease (15 credit points)

Please note: the following courses cannot be taken together due to timetabling constraints -> MC5008 and BM5003; MB5021 and MT5029; MB5026 and MT5029

#### **Stage 2**

MB5525 Extended Research Project in Medical Sciences (120 credit points)

### **PART TIME ROUTE**

#### **Year 1**

MB5027 Shaping a Research Question (5 credit points)

Plus two from the following:

BT5013 Small Molecular Drug Discovery (15 credit points)  
BT5014 Biotechnology (15 credit points)  
MB5021 Bioinformatics (15 credit points)  
MB5025 Molecular Genetics (15 credit points)  
MB5028 Profiles of Immunology (15 credit points)  
MC5008 Introduction to Microbiology (15 credit points)  
  
MT5029 Toxicology (15 credit points)  
MT5024 Molecular Pharmacology (15 credit points)  
PU5017 Applied Statistics (15 credit points)  
MB5026 Principles of Reproductive Biology (15 credit points)  
BM5003 Cardiovascular Health and Disease (15 credit points)

#### **Year 2**

Two from the following (courses taken in year 1 cannot be taken again):

BT5013 Small Molecular Drug Discovery (15 credit points)  
BT5014 Biotechnology (15 credit points)  
MB5021 Bioinformatics (15 credit points)  
MB5025 Molecular Genetics (15 credit points)  
MB5028 Profiles of Immunology (15 credit points)  
MC5008 Introduction to Microbiology (15 credit points)  
MT5029 Toxicology (15 credit points)  
MT5024 Molecular Pharmacology (15 credit points)  
PU5017 Applied Statistics (15 credit points)  
MB5026 Principles of Reproductive Biology (15 credit points)  
BM5003 Cardiovascular Health and Disease (15 credit points)

Plus

MB5525 Extended Research Project in Medical Sciences (120 credit points)

*Assessment:* By practical work, by written essays and by oral presentations, or by a combination of these, as prescribed for each course. The project will be assessed on the basis of performance, written thesis, and oral presentation. There will usually be an oral examination to complete the programme. Candidates must pass all courses at an appropriate standard for the award of the MSc degree.