

*Duration:* 12 months full-time (MSc)

*Content:*

Candidates shall be required to attend the following designated courses:

Stage 1 (Jan- March)

Compulsory:

- MB5518 Research Tutorials (15 credit points)
- MB5516 Host-Pathogen Interactions (15 credit points)
- PU5522 Applied Statistics (15 credit points)
- MT5516 Basic Skills – Induction (0 credit points)

Elective (if additional credits required):

Choose one of the following:

- BT5509 Biologic drug discovery (15 credit points)
- MB5517 Genome-enabled Medicine (15 credit points)

Stage 2 (summer)

- MB5904 Masters Research Project (Laboratory) (60 credit points)
- OR
- PU5922 Masters Research Project (60 credit points)

Stage 3 (Sept-Dec)

Compulsory:

- MC5008 Introduction to Microbiology (15 credit points)

Plus one or both of the following:

- MB5021 Bioinformatics (15 credit points)
- BT5014 Biotechnology (15 credit points)

Plus one or both of the following:

- MB5025 Molecular Genetics (15 credit points)
- MB5028 Profiles of Immunology (15 credit points)

*Assessment:* Taught courses are assessed by a combination of written assignments, reports and by examination. Candidates will present the results of their research project in an oral presentation and as a thesis and may be required to attend an oral examination. Candidates must pass all courses at an appropriate standard for the award of the MSc degree.