

Duration: 12 months full-time (MSc); 9 months full-time (PgDip); 4 months full-time (PgCert) (September intake).

Content: The MSc degree in Genetics will take you through a wide-ranging curriculum describing some of the latest advances in genetics. Subjects are taught from the perspective of understanding how genetics is applied in research and to increase our understanding of the causes and treatment of human disease. This includes use of genetics in laboratory model systems.

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

Stage 1

MB5021 Bioinformatics (15 credit points)
MB5025 Molecular Genetics (15 credit points)
PU5017 Applied Statistics (15 credit points)
GS50M1 Generic Skills for Taught Postgraduate Students (0 credit points)
MT5010 Basic Skills – Induction (0 credit points)

Elective:

MC5008 Introduction to Microbiology (15 credit points)

Or

MB5023 Introductory Immunology (15 credit points)

Stage 2

MB5517 Genome-enabled Medicine (15 credit points)
MB5523 Human Genetics (15 credit points)
MB5519 Immunogenetics (15 credits points)
MB5518 Research Tutorials (15 credit points)

Stage 3

MB5902 Masters Research Project (60 credit points)

Assessment: By written essays, by written examinations and by oral presentations, or by a combination of these, as prescribed for each course. 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 with the external examiner. Candidates must pass all courses at an appropriate standard for the award of the MSc degree.