

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

Content:

Candidates shall be required to attend the following designated courses:

Stage 1

PD5006 Getting Started at the University of Aberdeen (0 credit points)
MC5009 Current Microbiology (15 credit points)
MT5010 Basic Skills – Induction (0 credit points)
PU5017 Applied Statistics (15 credit points)

Plus one or both of the following:

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

Elective (if additional credits required):
Choose one of the following:

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

Stage 2

MB5518 Research Tutorials (15 credit points)
MB5516 Host-Pathogen Interactions (15 credit points)

Plus one or both of the following (depends on prerequisites taken in 1HS):
MB5522 Advanced bioinformatics and genome sequencing (15 credit points)
BT5511 Advanced Biotechnology with Computation (15 credit points)
Elective (if additional credits required):
Choose one of the following:

BT5509 Biologic drug discovery (15 credit points)
MB5528 Advanced Genomic Tools in Biomedical Research (15 credit points)

Stage 3

All students must take **one** of the following:

MB5904 Masters Research Project (Laboratory) (60 credit points)
OR
PU5922 Masters Research Project (60 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 with the external examiner. Candidates must pass all courses at an appropriate standard for the award of the MSc degree.

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PART TIME ROUTE

(NB Courses taken in first year cannot be taken in second year)

Year 1

Stage 1:

Students must take the following courses:

PD5006 Getting Started at the University of Aberdeen (0 credit points)
MC5009 Current Microbiology (15 credit points)

Plus one from the following:

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

Stage 2:

MB5516 Host-Pathogen Interactions (15 credit points)

Plus one from the following:

MB5522 Advanced bioinformatics and genome sequencing (15 credit points)
OR
BT5511 Advanced Biotechnology with Computation (15 credit points)

Year 2

Stage 1:

All students must take:

MT5010 Basic Skills – Induction (0 credit points)
PU5017 Applied Statistics (15 credit points)

Plus one from the following:

MB5021 Bioinformatics (15 credit points)
BT5014 Biotechnology (15 credit points)
MB5025 Molecular Genetics (15 credit points)
MB5028 Profiles of Immunology (15 credit points)

Stage 2:

MB5518 Research Tutorials (15 credit points)

Plus one from the following:

MB5522 Advanced bioinformatics and genome sequencing (15 credit points)
BT5511 Advanced Biotechnology with Computation (15 credit points) BT5509 Biologic drug discovery (15 credit points)
MB5528 Advanced Genomic Tools in Biomedical Research (15 credit points)

Stage 3:

All students must take **one** of the following:

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

In exceptional circumstances, this could be arranged to be carried out part-time over two summers

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 with the external examiner. Candidates must pass all courses at an appropriate standard for the award of the MSc degree.