

Addendum to the Programme Specification

8606 MRes Big Data Biology

This Addendum has been produced to highlight the key changes made to the existing Programme Specification as a result of the University's response to the Covid-19 Pandemic. You should read it in conjunction with the relevant Programme Specification.

[Programme Specification for entry in 2020-21](#)

University level information

In view of COVID-19, the University has had to make changes to some elements of programme delivery for 2020-21. These changes have included the method of delivery, such as face-to-face and online, and the number of modules available.

The University aims to provide as much of a face-to-face component to your education as prevailing conditions at the time allow, combined with its new blended approach that will develop active independent and group online learning.

As the COVID-19 pandemic develops, the University's response to this and other issues may likewise need to evolve. The University will consult with student representatives as necessary and appropriate and will communicate changes to you as soon as practicable so that you have the information you need to understand how a change may impact you and what steps you need to take next. The University remains committed to supporting you as you learn.

Programme Structure (remains unchanged)

Where optional modules have been specified, the following is an indicative list of available optional modules, which are subject to change each academic year. Please note that, in some instances, modules have limited spaces available.

8606 MRes Big Data Biology programme structure

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL6053 Current Research (Full Year Module)				7.5	15	Comp	
BIOL6013 Advanced Research Project (Full Year Module)				30	60	Core	
BIOL6074 Bioinformatics and Systems Biology	7.5	15	Core				
MEDI6227 Quantitative Cell Biology	10	20	Core				

Part 1 Group 1 (Biological Sciences)

You must choose two 7.5 ECTS/15 CATS from either group's 1 or 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL6071 Cancer Chromosome Biology	7.5	15	Option	BIOL6032 Molecular Recognition	7.5	15	Option
BIOL6035 Cellular and Molecular Neuroscience	7.5	15	Option	BIOL6034 Systems Neuroscience	7.5	15	Option
BIOL6030 Molecular Cell Biology	7.5	15	Option				
BIOL6044 Plant Cell Biology	7.5	15	Option				

Part 1 Group 2 (Computational/Quantitative)

You must consult with your supervisor and the module lead if wanting to take option modules outside of the School of Biological Sciences (dependent on availability)

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
COMP6245 Foundations of Machine Learning (MSc)	7.5	15	Option	MATH6168 Machine Learning	7.5	15	Option
MEDI6237 Genomic Technologies and Basic Informatics	10	20	Option				
MATH6140 Structure and Dynamics of Networks	7.5	15	Option				