

## Addendum to the Programme Specification

MSc Genomics  
MSc Genomics (Medicine)  
MSc Genomics (Informatics)  
Full time, Part time and 24 month programmes.

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 from the year you started your programme.

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

### University level information

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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

#### *MSc Genomics*

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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.

<b>Programme:</b>	MSc Genomics
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	MSc Genomics Part 1

#### Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
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<a href="#">MEDI 6237</a>	Genomic Technologies	20	Yes	Semester 1
<a href="#">MEDI 6238</a>	Genomics Dissertation	60	No	Non-Standard
<a href="#">MEDI 6239</a>	Interpretation of Genomics	20	Yes	Semester 2
<a href="#">MEDI 6240</a>	Principles of Genetics	20	Yes	Semester 1

### Optional Modules

You must choose from the following modules:

Module		Credit	Semester/Term
Rule PT1 R1	<b>Optional Modules</b>		
<a href="#">BIOL 6071</a>	Cancer Chromosome Biology	15	Semester 1
<a href="#">BIOL 6074</a>	Bioinformatics and Systems Biology	15	Semester 1
<a href="#">COMP 6246</a>	Machine Learning Technologies (MSc)	15	Semester 1
<a href="#">MATH 6005</a>	Introduction to Python	7.5	Semester 1/Semester 2
<a href="#">MEDI 6035</a>	Cancer Immunology	20	Semester 2
<a href="#">MEDI 6066</a>	Advanced Statistical Methods in Epidemiology	10	Semester 2
<a href="#">MEDI 6068</a>	Communicable Disease Control	10	Semester 2
<a href="#">MEDI 6073</a>	Epidemiology: Concepts, Analysis and Application	20	Semester 1
<a href="#">MEDI 6082</a>	Clinical Research Skills	20	Term 2
<a href="#">MEDI 6219</a>	Translational Medicine	15	Semester 2
<a href="#">MEDI 6227</a>	Quantitative Cell Biology	20	Semester 1
<a href="#">MEDI 6233</a>	Health Economics for Public Health	10	Semester 2
<a href="#">MEDI 6234</a>	Genomics Guided Treatment	15	Term 2
<a href="#">MEDI 6235</a>	Advanced Genomic Informatics	15	Semester 2
<a href="#">MEDI 6236</a>	Counselling skills in genomics for health care professionals	15	Semester 1
<a href="#">MEDI 6245</a>	Communicable Disease Control with Genomics	15	Semester 2

<b>Programme:</b>	MSc Genomics
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	MSc Genomics Part 2

**Compulsory Modules**

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">MEDI 6238</a>	Genomics Dissertation	60	No	Non-Standard

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## Programme Structure

### *MSc Genomics Informatics*

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.

<b>Programme:</b>	MSc Genomics
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	MSc Genomics (Informatics) Pt1

#### Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">MEDI 6235</a>	Advanced Genomic Informatics	15	Yes	Semester 2
<a href="#">MEDI 6237</a>	Genomic Technologies	20	Yes	Semester 1
<a href="#">MEDI 6238</a>	Genomics Dissertation	60	No	Non-Standard
<a href="#">MEDI 6239</a>	Interpretation of Genomics	20	Yes	Semester 2
<a href="#">MEDI 6240</a>	Principles of Genetics	20	No	Semester 1

#### Optional Modules

You must choose from the following modules:

Module		Credit	Semester/Term
Rule PT1 R1	<b>General Information</b> <b>Select 45 Credits from the modules listed below:</b>		
<a href="#">BIOL 6071</a>	Cancer Chromosome Biology	15	Semester 1
<a href="#">BIOL 6074</a>	Bioinformatics and Systems Biology	15	Semester 1
<a href="#">COMP 6246</a>	Machine Learning Technologies (MSc)	15	Semester 1
<a href="#">MATH 6005</a>	Introduction to Python	7.5	Semester 1/Semester 2
<a href="#">MEDI 6066</a>	Advanced Statistical Methods in Epidemiology	10	Semester 2
<a href="#">MEDI 6068</a>	Communicable Disease Control	10	Semester 2

<a href="#">MEDI 6082</a>	Clinical Research Skills	20	Term 2
<a href="#">MEDI 6219</a>	Translational Medicine	15	Semester 2
<a href="#">MEDI 6233</a>	Health Economics for Public Health	10	Semester 2
<a href="#">MEDI 6234</a>	Genomics Guided Treatment	15	Term 2
<a href="#">MEDI 6236</a>	Counselling skills in genomics for health care professionals	15	Semester 1
<a href="#">MEDI 6245</a>	Communicable Disease Control with Genomics	15	Semester 2
<a href="#">STAT 6103</a>	Statistical Programming	10	Semester 1

<b>Programme:</b>	MSc Genomics
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	MSc Genomics (Informatics) Pt2

#### Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">MEDI 6238</a>	Genomics Dissertation	60	Yes	Non-Standard

## Programme Structure

### *MSc Genomics Medicine*

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.

<b>Programme:</b>	MSc Genomics
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	MSc Genomics (Medicine) Pt 1

#### Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">MEDI 6234</a>	Genomics Guided Treatment	15	Yes	Term 2
<a href="#">MEDI 6237</a>	Genomic Technologies	20	Yes	Semester 1
<a href="#">MEDI 6238</a>	Genomics Dissertation	60	No	Non-Standard
<a href="#">MEDI 6239</a>	Interpretation of Genomics	20	Yes	Semester 2
<a href="#">MEDI 6240</a>	Principles of Genetics	20	No	Semester 1

#### Optional Modules

You must choose from the following modules:

Module		Credit	Semester/Term
Rule PT1 R1	<b>General Information</b> <b>Select 45 Credits from the modules listed below:</b>		
<a href="#">BIOL 6071</a>	Cancer Chromosome Biology	15	Semester 1
<a href="#">BIOL 6074</a>	Bioinformatics and Systems Biology	15	Semester 1
<a href="#">COMP 6246</a>	Machine Learning Technologies (MSc)	15	Semester 1
<a href="#">MEDI 6066</a>	Advanced Statistical Methods in Epidemiology	10	Semester 2
<a href="#">MEDI 6068</a>	Communicable Disease Control	10	Semester 2
<a href="#">MEDI 6082</a>	Clinical Research Skills	20	Term 2
<a href="#">MEDI 6219</a>	Translational Medicine	15	Semester 2

<a href="#">MEDI 6233</a>	Health Economics for Public Health	10	Semester 2
<a href="#">MEDI 6235</a>	Advanced Genomic Informatics	15	Semester 2
<a href="#">MEDI 6236</a>	Counselling skills in genomics for health care professionals	15	Semester 1
<a href="#">MEDI 6245</a>	Communicable Disease Control with Genomics	15	Semester 2

<b>Programme:</b>	MSc Genomics
<b>Term:</b>	2020-2021 Academic Session (202021)
<b>Area title:</b>	MSc Genomics (Medicine) Pt 2

**Compulsory Modules**

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
<a href="#">MEDI 6238</a>	Genomics Dissertation	60	No	Non-Standard