

# Addendum to the Programme Specification

## 4738 MSc Actuarial Science

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 Information

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In light of Covid-19, teaching and learning methods may be adapted. Lectures, seminars, tutorials, and consultation with academic staff may be delivered online or in person as the prevailing conditions allow. Group sizes for tutorials and seminars may be adjusted. Assessment methods may also be adapted. For example, in-class tests may be replaced by assignments, weightings of assessments may change, exams may be replaced by coursework or take-home assignments and group presentations and projects may take place online or be adapted to allow for social distancing guidelines.

## Programme Structure

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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.

### Part 1

Semester 1	Semester 2
<p><b>You should select a minimum of 4 modules (60 CATS) up to a maximum of 5 modules (75 CATS) per semester from the following list.</b></p> <p>In addition, it may be possible for you to replace one of the modules per semester on this list with another module relevant to actuarial science. You may only do this subject to timetabling constraints and with the permission of your Programme Director.</p>	

Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
MATH6121 Economics	7.5	15	Option	MANG6225 Accounting and Finance for Actuarial Science	7.5	15	Option
MATH6122 Probability and Mathematical Statistics	7.5	15	Option	MATH6127 Mathematical Finance	7.5	15	Option
MATH6129 Actuarial Mathematics I	7.5	15	Option	MATH6128 Stochastic Processes	7.5	15	Option
MATH6131 Financial Mathematics	7.5	15	Option	MATH6130 Actuarial Mathematics II	7.5	15	Option
MATH6143 Survival Models	7.5	15	Option	STAT6075 Statistical Methods in Insurance	7.5	15	Option
<p>You may choose to take MATH6132 MSc Actuarial Science Project (60 CATS) instead of MATH6159 and MATH6160. Please note however, that the availability of MATH6132 is conditional on the suitability and feasibility of the investigation formally proposed by the student, and the availability of suitable supervision resource. If you wish to choose MATH6132 you should first gain approval from the programme lead and then submit a module change form to the student office.</p> <p>These modules will become core once chosen.</p>							
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
				MATH6132 MSc Actuarial Science Project	30	60	Optional Core
				MATH6159 Actuarial Science Case Study 1	15	30	Optional Core
				MATH6160 Actuarial Science Case Study 2	15	30	Optional Core

## Part 2

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
MATH6132 MSc Actuarial Science Project	30	60	Optional Core				
MATH6159 Actuarial Science Case Study 1	15	30	Optional Core				
MATH6160 Actuarial Science Case Study 2	15	30	Optional Core				