Addendum to the Programme Specification

BA Philosophy and Mathematics 5109 Ad 202021

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
Programme Specification for entry in 2019-20
Programme Specification for entry in 2018-19
Programme Specification for entry in 2017-18

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 Information

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, exams may be replaced by coursework or take-home assignments; presentations and group projects may take place online, be adapted to allow for social distancing guidelines, or be replaced by other forms of assessment.

Programme Structure

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.

Programme:	BA Philosophy & Mathematics - 4109
Term:	2020-2021 Academic Session (202021)
Area title:	4109-1 - BA Philosophy & Maths Part 1

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester / Term
MATH 1048	Linear Algebra I	15	No	Semester 1
MATH 1059	Calculus	15	No	Semester 1
MATH 1060	Multivariable Calculus	15	No	Semester 2
PHIL 1002	Knowledge & Mind	15	No	Semester 1
PHIL 1005	Ethics	15	No	Semester 2
PHIL 1016	Reason and Argument	15	No	Semester 1

Optional Modules

You must choose from the following modules:

Module		Credit	Semester / Term
Rule 1	**1st Year Options** **You must take at least 45 credits in Philosophy and 45 credits in Mathematics, including any compulsory modules, over the year. You must also ensure that you take 60 credits in each semester.** **You may use 15 credits in semester 2 to take a language module, a UOSM module, or a module as part of a minor, from the list below.**		
Rule 1 GROUP 1	**Select 15-30 credits**		
MATH 1049	Linear Algebra II	15	Semester 2
MATH 1057	Dynamics and Relativity	15	Semester 2
MATH 1058	Operational Research I and Mathematical Computing	15	Semester 2

PHIL 1003	Ancient Greek Philosophy	15	Semester 2
PHIL 1019	Puzzles about Art and Literature	15	Semester 2
PHIL 1020	Faith and Reason	15	Semester 2
PHIL 1021	Existentialism and its Origins	15	Semester 2
Rule 1 GROUP 2	**Select 0-15 credits**		
LANG XX15	Language Module	15	Show Electives
UOSM ----	A maximum of 15 credits in any level NQF5 module in subject UOSM ("Broadening Horizons")		Show Electives

Programme:	BA Philosophy & Mathematics - 4109
Term:	2020-2021 Academic Session (202021)
Area title:	4109-2 - BA Philosophy & Maths Part 2

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester / Term
MATH 1024	Intro Probability & Stats	15	No	Semester 1
MATH 2038	Partial Differential Equation	15	No	Semester 2
MATH 2039	Analysis	15	No	Semester 1
PHIL 2028	Appearance and Reality	15	No	Semester 1

Optional Modules

You must choose from the following modules:

Module		Credit	Semester / Term
Rule 1	**Semester 1 Options** **Select 0-15 credits from the following:**		

Rule 1 GROUP 1	**Semester 1 Modules** **Select 0-15 credits from the following**		
MATH 2003	Group Theory	15	Semester 1
PHIL 2009	Philosophy of Mind	15	Semester 1
PHIL 2012	Moral Philosophy	15	Semester 1
PHIL 2032	Metaphysics	15	Semester 1
PHIL 2037	Philosophy of Religion	15	Semester 1
Rule 1 GROUP 2	**Semester 1 Alternative Modules** **Select 0-15 credits from the following:**		
LANG XX15	Language Module	15	Show Electives
UOSM ----	Any level NQF5 module in subject UOSM ("Broadening Horizons")		Show Electives
Rule 1 GROUP 3	**Semester 2 Modules** **Select 30-45 credits from the following** **Note: If you have selected MATH1049 in Part 1 do not select this module again from the following list:**		
MATH 1049	Linear Algebra II	15	Semester 2
MATH 2044	Fields and Fluids	15	Semester 2
MATH 2049	Geometry and Topology	15	Semester 2
PHIL 2001	Aesthetics	15	Semester 2
PHIL 2014	Logic	15	Semester 2
PHIL 2021	Epistemology	15	Semester 2
PHIL 2039	Ethics of Global Poverty	15	Semester 2

PHIL 2040	Metaethics	15	Semester 2
Rule 1 GROUP 4	**Semester 2 Alternative Modules** **Select 0-15 credits from the following**		
LANG XX15	Language Module	15	Show Electives
UOSM ----	Any level NQF5 module in subject UOSM ("Broadening Horizons")		Show Electives

Programme:	BA Philosophy & Mathematics - 4109
Term:	2020-2021 Academic Session (202021)
Area title:	4109-3 - BA Philosophy & Maths Part 3

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester / Term
no specific modules required				

Optional Modules

You must choose from the following modules:

Module		Credit	Semester / Term
Rule 1	**3rd Year Options** **You must take a Philosophy OR a Maths dissertation. You must also take at least 45 credits in Philosophy and 45 credits in Mathematics, including any compulsory modules, over the year.** **You must take 90 credits of level 6 (i.e 3rd year) modules. If you backtrack to a 2nd year module such as MATH2013 this will not count towards this requirement.** **You must also ensure that you take 60 credits in each semester.**		

	You may use 15 credits in each semester to take a language module, a UOSM module, or a module as part of a minor, from the list below.		
Rule 1 GROUP 1	**Dissertation Module** **Please select one of the following dissertation modules**		
MATH 3092	Mathematics Project	30	Full Academic Year
PHIL 3013	Philosophy Dissertation	30	Full Academic Year
Rule 1 GROUP 2	**Semester 1 Modules** **Please select 30-45 credits from the following:** **Remember you must take at least 45 credits in Philosophy and 45 credits in Mathematics over the year. This includes your dissertation module. You must also ensure that you take 60 credits in each semester.**		
MATH 2013	Operational Research II	15	Semester 1
MATH 2045	Vector Calculus and Complex Variable	15	Semester 1
MATH 3016	Optimization	15	Semester 1
MATH 3018	Numerical Methods	15	Semester 1
MATH 3033	Graph Theory	15	Semester 1
MATH 3076	Hilbert Spaces	15	Semester 1
MATH 3081	Operational Research	15	Semester 1
MATH 3083	Advanced Partial Differential Equations	15	Semester 1
PHIL 3007	Nietzsche	15	Semester 1
PHIL 3036	Self-Knowledge	15	Semester 1

PHIL 3049	Puzzles and Paradoxes	15	Semester 1
PHIL 3050	Advanced Aesthetics: Aesthetic Creativity	15	Semester 1
PHIL 3055	Classical Indian Philosophy	15	Semester 1
Rule 1 GROUP 3	**Semester 1 Alternative Modules** **You can select 0-15 credits from the following. If selecting from this group please make sure you will be taking an even number of credits (compulsory and optional) across both semesters and you will be taking a total of at least 45 credits in each discipline over the year.**		
HUMA 2013	How the Arts Work: A Practical Introduction to Cultural Econ	15	Semester 1
LANG XX15	Language Module	15	Show Electives
UOSM ----	Any level NQF5 module in subject UOSM ("Broadening Horizons")		Show Electives
Rule 1 GROUP 4	**Semester 2 Modules** **Please select 30-60 credits from the following.** **Remember you must take at least 45 credits in Philosophy and 45 credits in Mathematics over the year. This includes your dissertation module. You must also ensure that you take 60 credits in each semester.**		
MATH 3006	Relativity, Black Holes and Cosmology	15	Semester 2
MATH 3052	Mathematical Biology	15	Semester 2
MATH 3084	Integral Transform Methods	15	Semester 2
PHIL 3034	Philosophy of Sex	15	Semester 2
PHIL 3037	Wittgenstein's Later Philosophy	15	Semester 2

PHIL 3041	Happiness and Wellbeing	15	Semester 2
PHIL 3042	Fiction and Fictionalism	15	Semester 2
PHIL 3051	Other Minds	15	Semester 2
Rule 1 GROUP 5	**Semester 2 Alternative Modules** **You can select 0-15 credits from the following. If selecting from this group please make sure you will be taking an even number of credits (compulsory and optional) across both semesters and you will be taking a total of at least 45 credits in each discipline over the year.**		
LANG XX15	Language Module	15	Show Electives
UOSM ----	Any level NQF5 module in subject UOSM ("Broadening Horizons")		Show Electives