Mathematics with Finance (3 Years) [BSc]

Year 2 Programme Structure

The 2nd year of this programme consists of 100 credits of MATH and BMAN compulsory (a mandatory requirement) course units. Students must also take either MATH20712 or MATH20722 10 credit unit, and 10 credits of MATH optional course units in semester 2 from the list below, totalling 120 credits.

Students on this programme can substitute the 10 credit MATH optional course unit with one of the University College (UCIL) course unit or Language course unit. You will need to complete the appropriate course unit permission form to apply for permission.

Students must achieve a mark of at least 40% (at the first attempt) in BMAN23000(A) to continue on this programme, otherwise you will have to transfer to a single honours mathematics programme in your third year.

Further details regards BMAN course unit modules are available from the search engine in the student portal or by clicking on the link below:

- BMAP course units https://ughandbook.portals.mbs.ac.uk/Non-AllianceMBSstudents/BMaPcoursesandapplicationprocess.aspx
- Accounting and Finance https://ughandbook.portals.mbs.ac.uk/Myprogramme/Teachingtimetables.aspx

Course descriptions on each course unit includes information on assessment criteria's, lecturer, syllabus, learning outcomes, etc., and they are available from the 'My Course' tab in 'My Manchester' by searching the subject code or you can browse them from the Schools 'Study' website.

Level 2 course units

Description	Semester	Requirement	Credit Rating	Level
MATH20101 - Real and Complex Analysis	1	Mandatory	20	2
MATH20201 - Algebraic Structures 1	1	Mandatory	10	2
MATH20411 - Partial Differential Equations and Vector Calculus B	1	Mandatory	10	2
MATH20701 - Probability 2	1	Mandatory	10	2

Description	Semester	Requirement	Credit Rating	Level
BMAN20072 - Investment Analysis	2	Mandatory	10	2
MATH20802 - Statistical Methods	2	Mandatory	10	2
MATH20912 - Introduction to Financial Mathematics	2	Mandatory	10	2
BMAN23000 - Foundations of Finance A	1 and 2	Mandatory	20	2
BMAN23000A - Foundations of Finance A	1 and 2	Mandatory	20	2
MATH20122 - Metric Spaces	2	Optional	10	2
MATH20212 - Algebraic Structures 2	2	Optional	10	2
MATH20302 - Introduction to Logic	2	Optional	10	2
MATH20522 - Principles of Mathematical Modelling	2	Optional	10	2
MATH20602 - Numerical Analysis 1	2	Optional	10	2
MATH20622 - Programming with Python	2	Optional	10	2
MATH20712 - Random Models	2	Optional	10	2
MATH20722 - Foundations of Modern Probability	2	Optional	10	2