

# Mathematics with a Modern Language (German) (4 Years) [BSc]

## Year 1 Programme Structure

The first year of this degree programme consists of 80 credits of compulsory (= mandatory) MATH course units in Mathematics and one compulsory 20-credit GERM course unit in German Language, plus one additional 20-credit GERM course unit chosen from the two listed in the table below.

**The first year of this degree programme includes two additional progression rules:-**

- a) For each of the following non-compensatable course units (MATH10111, MATH10131, MATH10212 and MATH10232) you must achieve an overall mark of 40% to pass the year and continue your studies.
- b) For the German Language course unit (GERM51030) you must achieve an overall mark of 40% to pass the year and continue your studies.

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 1 course units

Description	Semester	Requirement	Credit Rating	Level
MATH10111 - Foundations of Pure Mathematics B	1	Mandatory	15	1
MATH10131 - Calculus and Vectors B	1	Mandatory	15	1
MATH10141 - Probability 1	1	Mandatory	10	1
MATH10212 - Linear Algebra B	2	Mandatory	15	1
MATH10232 - Calculus and Applications B	2	Mandatory	15	1
MATH10282 - Introduction to Statistics	2	Mandatory	10	1
GERM51030 - German Language 3	1 and 2	Mandatory	20	1

GERM10040 - Introduction to German Linguistics	1 and 2	Optional	20	1
GERM10350 - Revolution and Reaction in German Culture	1 and 2	Optional	20	1