

**UNDERGRADUATE
HANDBOOK
SUPPLEMENT**

**For students entering Year 5 of courses in
2025/2026**

Department of Mathematics and Statistics

INFORMATION FOR STUDENTS ENTERING FIFTH YEAR IN SESSION 2025/26

Degree Courses: **MMath Mathematics**
 MMath Mathematics and Statistics

Year Co-ordinator: **David Young (Office LT826)**
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The modules are taught in two semesters, each consisting of an 11-week teaching period followed by an examination diet.

CALENDAR OF DATES 2025/26

- First Semester **Welcome and Development Week**
Monday 15 September — Friday 19 September 2025
- First Semester Teaching Monday 22 September – Friday 5 December 2025

The university is closed on Monday 29 September 2025
- Second Semester **Consolidation and Development Week**
Monday 12 January – Friday 16 January 2026
- Second Semester Teaching Monday 19 January – Thursday 2 April 2026
- Examination Diets: Monday 8 December – Friday 19 December 2025
Monday 20 April – Friday 22 May 2026

The university is closed on Monday 4 May 2026.

(Normally examinations are held in the diet immediately following the completion of the module.)

During the course of the summer, provisional lecture times and rooms for each module in the John Anderson Campus will become available at www.strath.ac.uk/timetables

Choice of Curriculum

To help you decide which modules are of interest to you, please consult the descriptors for year 5 modules on the Module Catalogue (<https://ben.mis.strath.ac.uk/modulecatalogue>) You may also consult with the lecturer in charge of the module and with the Year Co-ordinator if you want further information.

In choosing your curriculum, you should note the following points.

- In selecting modules, you should ensure that you have taken or are taking any stated pre-requisites for a module and that it does not overlap with a module you have previously taken.
- Ensure a reasonable split of modules between Semester 1 and Semester 2.
- Once it becomes available, check your provisional timetable to ensure that the lectures for the modules you choose do not clash.

If you have any difficulty in using the online provisional registration facility, please contact the Year Co-ordinator.

Criteria for Progressing into Year 5

The accumulation of no fewer than 480 credits from the course curriculum with a **credit weighted average of at least 60%** in Level 4 modules.

A student who fails to achieve the standard indicated above shall be transferred to the corresponding BSc course and awarded the appropriate degree by the Honours Board of Examiners.

Assessment

The award of the MMath degree is based upon performance in Level 4 and Level 5 modules. If the quality of the performance is of the required standard (see below), then the MMath will be awarded “with Distinction” or “with Merit”, as appropriate.

The final assessment for the degree of MMath is based on your attempts at the Level 4 and Level 5 modules taken in your fourth and fifth years.

The first requirement for the award of MMath is successful completion of your fifth year in order to be awarded 120 credits at Level 5.

Normally, this is the achievement of an overall fifth year average of at least 50%.

If this is achieved, then your Level 4 and Level 5 weighted averages will be combined to provide a composite mark, C , calculated as

$$C = 0.25 \times L4 + 0.75 \times L5$$

where $L4$ and $L5$ are your Level 4 and Level 5 weighted average marks, respectively.

The type of degree awarded is based upon the guidelines in the table below.

C	≤ 49	50-59	60-69	≥ 70
degree:	BSc(Hons)	MMath	MMath with Merit	MMath with Distinction

If you fail to achieve a composite mark C of at least 50 then you will be awarded the Honours BSc degree in Mathematics or Mathematics and Statistics in accordance with the decision made at the Final Honours Examination Board that took place at the end of your fourth year. This also applies if you fail to complete the fifth year.

Borderline cases are given very careful consideration.

Note

- There are **no resits** of Year 5 examinations. The award of Year 5 credits is based on your overall year performance.

Mathematics and Statistics Level 5 modules, 2025/26

Please note that the degree regulations on the University webpage include some modules that definitely will not run in 2025/26: you should take the list below as a clearer indication of your options.

The list below details the modules offered by the Department of Mathematics and Statistics. Full information about modules can be found in the Module Catalogue,

<https://ben.mis.strath.ac.uk/modulecatalogue>

All full-time students shall undertake modules amounting to 120 credits as follows:

MMath in Mathematics

MM500 **Mathematics** **120 credits**

The “superclass” MM500 consists of

MM501 **Project** (in Mathematics) **40 credits**

and modules amounting to 80 credits chosen from the list below.

MMath in Mathematics and Statistics

MM510 **Mathematics and Statistics** **120 credits**

The “superclass” MM510 consists of

MM501 **Project** (in Statistics) **40 credits**

and modules amounting to 80 credits chosen from the list below.

Optional Modules

Code	Title	Sem	Credits
MM502	Modelling and Simulation with Applications to Financial Derivatives	1	20
MM503	Applicable Analysis 3	1	20
MM505	Fluids and Waves	1	20
MM506	Finite Element Methods for Boundary Value Problems and Approximation	1	20
MM508	Mathematical Biology and Marine Population Modelling	2	20

Code	Title	Sem	Credits
MM509	Mathematical Introduction to Networks	2	20
MM521	Mathematics of Machine Learning	1&2	20
MM552	Applied Analysis and PDEs 1	1	20
MM554	Applied Mathematics Methods 1	1	20
MM909	Medical Statistics	2	20
MM911	Effective Statistical Consultancy	2	10
MM912	Survey Design and Analysis	2	10
MM913	Quantitative Risk Analysis	2	10
MM915	Spatial Statistics	2	10
MM953	Experimental Design	1	10
MM954	Multivariate Analysis	1	10
MM960	Statistical Machine Learning	2	10
MM962	Data Dashboards with Rshiny	2	10
MM967	Optimisation: Theory	1	10
MM571	Numerical and Deep Learning Methods for Partial Differential Equations	1&2	20
MS987	Optimisation for Analytics	2	10

NOTES

Not all of these modules will run every year. The modules that will run each year, and the semester in which they will take place, will depend on student numbers and staff availability. It is essential to discuss your options with the Year Co-ordinator before choosing your curriculum. Note that you cannot take an “enhanced” version of a Level 4 module that you have previously taken.

- **MM501 (Project):** A separate document giving information and guidelines for the Year 5 project will be issued to you in due course. You will be required to give a presentation on your project work that will be worth 20% of your overall project mark.
- **MM502 – MM509** are enhanced versions of Level 4 modules. In these modules MMath students will join Year 4 students for the relevant lectures but will have additional coursework to do and/or will be assessed differently.

- **MM552 and MM554** are modules delivered within the framework of the Scottish Mathematical Sciences Training Centre (SMSTC). Teaching is by video-conferenced lectures with local tutorial support.
- **MM521 and MM909 – MM971** are Level 5 modules taught at Strathclyde to MMath and MSc students. MM909 largely overlaps with MM415; MM912 and MM913 overlap with parts of MM407; MM953 and MM954 overlap with parts of MM404.
- **MS987** is taught by Management Science and is also open to MSc students.

DATE MODIFIED: 24 July 2025
