

M.Sc. in Mathematical Modelling and Scientific Computing

Checklist for Discussion with Supervisor and Course Organiser

Please complete the checklist below and return it to the course organiser, Kathryn Gillow, by Friday of week 4 (4th November).

To complete this course all students must complete 13 units, counted as follows:

- **Core courses** (1 unit each): normally 24 lectures + classes + exam. There are four core courses: one on Mathematical Methods and one on Numerical Analysis in each of MT and HT. Each course will be assessed by a written examination on Thursday of Week 0 of the following term. Every student must complete the core courses.
- **Special topics** (1 unit each): normally 12—16 lectures + mini-project. Each student must do at least one special topic in the area of Modelling (M) and one in the area of Computation (C).
- **Case Studies in Modelling and in Scientific Computing** (1 unit each): normally 4 weeks of group work + oral presentation + report (HT). Each student must do at least one modelling case study and at least one scientific computing case study.
- **Dissertation** (4 units): \sim 50 pages, not necessarily original. Since there is another M.Sc. course in Mathematical and Computational Finance, students on the M.Sc. in Mathematical Modelling and Scientific Computing are not permitted to undertake a dissertation in the field of mathematical finance.

Students will normally accumulate 4 units for core courses + 3 units for special topics + 2 units for case studies + 4 units for dissertation.

(MT, HT, TT = Michaelmas, Hilary, Trinity Term)

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Name:

	Number of Units
Core Courses	...4...
Special Topics List the core courses you intend to follow	
(1)	
(2)
(3)	
Case Studies Indicate how many case studies you intend to submit.
Dissertation	...4...
Total	<hr/> 13 <hr/>