

MPLS Divisional Board

Approved at the meeting of:

MPLS Divisional approval Trinity Term 2022.

Master of Science by Coursework in Mathematical Modelling and Scientific Computing

Brief note about nature of change:

Additions to the list of topics contained in the “Schedule” to ensure it covers the range of options available.

Location of change

In *Examination Regulations 202/21*

<https://examregs.admin.ox.ac.uk/Regulation?code=mosbcimmandsciecomp&srchYear=2021&srchTerm=1&year=2020&term=1>

Effective date

For students starting in MT 2022

For first examination in 2022-23.

Detail of change

^{1.12}6. Candidates will be required to attend an oral examination at the end of the course of studies.

^{1.14}8. ~~The examiners may award a distinction for excellence in the whole course.~~

^{1.16}Mathematical methods including but not limited to ordinary and partial and stochastic differential equations, distributions, asymptotics, complex variable methods and the mathematics of data. Mathematical modelling and application of mathematics to problems in physical sciences, biology and medicine, industry and other areas.

^{1.17}The numerical solution of ordinary and partial differential equations, numerical linear algebra, numerical methods for optimisation, approximation and scientific computing.
~~Finite element methods, numerical linear algebra, numerical methods for optimisation and approximation.~~

Explanatory Notes

The Schedule has been amended to reflect current practice on the course.