

MATHEMATICAL TRIPOS, PART IA

There will be an induction session for Part IA students at 9.00 a.m. on Wednesday 4 October 2023 in the Cockcroft Lecture Theatre.

A meeting will be held for all Part IA students on Thursday 14 March 2024 at 10.00 am in the Lady Mitchell Hall lecture theatre to discuss examinations and exam techniques.

For Michaelmas term courses, Lecture recordings will be available until 23:59 on the day of the following lecture.

For a personalised version of the timetable, which you can import into your own electronic calendar, please see <http://www.timetable.cam.ac.uk>.

Michaelmas 2023

Vectors and Matrices

Prof. N. Peake

M. W. F. 10, *Babbage Lecture Theatre*

Differential Equations

Prof. A. D. Challinor

M. W. F. 11, *Babbage Lecture Theatre*

Numbers and Sets

Prof. J. Wolf

Tu. Th. S. 10, *Babbage Lecture Theatre*

No lecture on 18 November. Additional lecture on 30 November.

Groups

Prof. H. Wilton

Tu. Th. S. 11, *Babbage Lecture Theatre*

Lent 2024

Probability

Prof. J. R. Norris

M. W. F. 10, *Babbage Lecture Theatre*

Analysis I

Prof. C. M. Warnick

M. W. F. 11, *Babbage Lecture Theatre*

Dynamics and Relativity

Prof. S. A. Hartnoll

Tu. Th. S. 10, *Babbage Lecture Theatre*

Vector Calculus

Prof. D. Tong

Tu. Th. S. 11, *Babbage Lecture Theatre*

Easter 2024

Optimisation*

Dr V. Jog

M. W. F. 10, *Babbage Lecture Theatre* (twelve lectures)

Variational Principles*

Prof. J. R. Gog

M. W. F. 11, *Babbage Lecture Theatre* (twelve lectures)

Computational Projects*

Prof. R. Jack

M. W. F. 12, *Arts Lecture Theatre A* (eight lectures)

No lecture on 8 May

*Examined in Part IB of the Tripos

Information for non-examinable courses and the Mathematics with Physics option appear on the next page.

The following courses, proposed by the Board of the Faculty of Mathematics, are non-examinable.

Michaelmas 2023

Lent 2024

Easter 2024

For Mathematics with Physics Option only:

Numbers and Sets (Lecture Classes) §

Prof. J. Wolf and others

W. 12, *Hopkinson Lecture Theatre*

Introduction to Mechanics §

Dr P. J. O'Donnell

Tu. Th. 12, *Hopkinson Lecture Theatre* (ten lectures)

Mathematics with Physics Option

An introductory session for IA Physics students will be held at 11.00 am on Wednesday 6 October 2023 in the Pippard Lecture Theatre, Cavendish Laboratory.

Students taking this option should attend Vectors and Matrices, Groups, Differential Equations, Analysis I, Vector Calculus and Probability from Part IA of the Mathematical Tripos, together with the lectures listed at <http://www.timetable.cam.ac.uk/> in Part IA Physics of the Natural Sciences Tripos. Students will also be required to do Physics practical work, and should attend at least the first lecture of the Scientific Computing Course.

Because of timetabling constraints, it is not possible to attend in person the Physics lectures and the lectures on Numbers and Sets and Dynamics and Relativity (but there is significant overlap between the Physics lectures and those on Dynamics and Relativity). Students should discuss with their Directors of Studies the potential benefits of attending the non-examinable lecture classes on Numbers and Sets.

§ This lecture theatre is not equipped for lecture capture. Students following this course with a recommendation for access to recordings in their Student Support Document (SSD) should contact the [Undergraduate Office](#) for further information on support. Students who require access to recordings as a reasonable adjustment, but who do not yet have a SSD, should consult their College Tutor (see also paragraph 3 of the [Faculty's Statement on the Recording of Teaching Sessions](#)).