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MATHEMATICAL TRIPOS, PART II

Lectures will be held in the Meeting Rooms (MR) of the Centre for Mathematical Sciences, Clarkson Road, unless otherwise stated.

There will be an induction session for Part II students at 2.00pm on Wednesday 9 October 2024 in the Cockcroft Lecture Theatre.

The Faculty will facilitate an opportunity, at the beginning of the Lent Term, for students who wish to give a short mathematical presentation to a small audience on a mathematical topic. Details will be circulated during the Michaelmas Term.

Please note that recordings can take some time to process following the end of the lecture (up to several hours). This is due to the way Panopto stores and manages recordings, and it cannot be expedited.

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

C Courses

Michaelmas 2024

Cosmology
Prof. E. P. S. Shellard
M. W. F. 9, *MR13*

Classical Dynamics
Prof. D. M. A. Stuart
M. W. F. 11, *MR9*

Statistical Modelling
Dr Q. Zhao
M. W. F. 12, *MR4*

Automata and Formal Languages §
Prof. B. Loewe
Tu. Th. S. 10, *MR3*

Number Theory
Prof. J. A. Thorne
Tu. Th. S. 11, *MR2*

Lent 2025

Coding and Cryptography
Dr R. Camina
M. W. F. 9, *MR2*

Quantum Information and Computation
Prof. N. Datta
M. W. F. 10, *MR3*

Topics in Analysis
Dr A. Kovalev
Tu. Th. S. 9, *MR5*

Mathematical Biology
Prof. D. Tong
Tu. Th. S. 10, *MR2*

Further Complex Methods
Prof. P. H. Haynes
Tu. Th. S. 11, *MR2*
No lecture on Sat 1 March.
Additional lecture on Thu 20 March.

Easter 2025

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D Courses

Michaelmas 2024

Linear Analysis §
Prof. I. Leader
M. W. F. 9, *MR3*

Stochastic Financial Models
Dr M. R. Tehranchi
M. W. F. 9, *MR5*

Probability and Measure ‡
Prof. P. Raphael
M. W. F. 10, *MR3*

Dynamical Systems ‡
Prof. R. R. Kerswell
M. W. F. 10, *MR9*

Algebraic Topology ‡
Prof. A. Keating
M. W. F. 11, *MR3*

Principles of Statistics
Prof. R. D. Shah
M. W. F. 11, *MR4*

Principles of Quantum Mechanics
Prof. E. Pajer
M. W. F. 12, *MR2*

Galois Theory
Prof. T. Fisher
M. W. F. 12, *MR9*

Lent 2025

Statistical Physics
Dr A. Wall
M. W. F. 9, *MR3*

Analysis of Functions
Prof. R. Nickl
M. W. F. 10, *MR4*

Logic and Set Theory §
Dr A. Zsák
M. W. F. 11, *MR2*

Applications of Quantum Mechanics
Dr A. Castro
M. W. F. 11, *MR5*

General Relativity
Dr J. M. Evans
M. W. F. 12, *MR3*

Algebraic Geometry ‡
Prof. H. Krieger
M. W. F. 12, *MR4*
First lecture on Monday 27 January.
Additional lecture on Friday 21 March.

Applied Probability
Dr S. Sarkar
M. W. F. 12, *MR9*

Mathematics of Machine Learning
Prof. S. Bacallado
Tu. Th. 9, *MR3*

Easter 2025

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Graph Theory
Prof. S. Martin
Tu. Th. S. 9, *MR2*

Numerical Analysis
Prof. A. C. Hansen
Tu. Th. S. 9, *MR4*

Electrodynamics
Prof. N. Dorey
Tu. Th. 10, *MR4*

Fluid Dynamics ‡
Prof. M. G. Worster
Tu. Th. S. 11, *MR4*

Representation Theory
Prof. I. Grojnowski
Tu. Th. S. 12, *MR3*

Asymptotic Methods
Prof. H. Latter
Tu. Th. 12, *MR9*

Waves
Prof. C. P. Caulfield
Tu. Th. S. 9, *MR13*

Number Fields
Prof. P. Varjú
Tu. Th. 10, *MR3*

Differential Geometry
Prof. C. Mouhot
Tu. Th. S. 11, *MR4*

Riemann Surfaces
Dr J. Button
Tu. Th. 12, *MR4*

Integrable Systems ‡
Prof. M. Dunajski
Tu. Th. 12, *MR9*

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

Laboratory Demonstrations in Fluid Dynamics
Prof. S. Dalziel
M. Tu. W. 2-3.30 every second week,

Fluids Laboratory

‡ Recordings for this course will only be made available as a reasonable adjustment for students with a recommendation for access to recordings. Students with such a recommendation in their Student Support Document (SSD) who have not automatically been granted access to the recordings should contact the Undergraduate Office. Students who require access to recordings as a reasonable adjustment, but who do not have a SSD, should consult their College Tutor (see also paragraph 3 of the Faculty's Statement on the Recording of Teaching Sessions).

§ There will be no recordings available for this course; the lecturer will make alternative accommodations for students with recommendations for reasonable adjustments that include access to recordings. Students with such a recommendation in their Student Support Document (SSD) who have not automatically been notified of the alternative accommodations should contact the Undergraduate Office. Students who require access to recordings as a reasonable adjustment, but who do not have a SSD, should consult their College Tutor (see also paragraph 3 of the Faculty's Statement on the Recording of Teaching Sessions).