Lectures proposed by the Board of the Faculty of Mathematics

MATHEMATICAL TRIPOS

Graduates of the University who are not reading for any University Examination may attend without payment any lectures proposed by the Faculty Board of Mathematics.

PART IA

Part IA students are recommended to attend the induction session which will be held from 9.15 a.m. to 10.15 a.m. on Wednesday 9 October 2019, in the Cockcroft Lecture Theatre.

A meeting will be held for all Part IA students on Friday 1 May 2020 at 2.00 p.m. in the Babbage Lecture Theatre to discuss examinations and examination techniques.

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

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* Examined in Part IB of the Tripos

Information for non-examinable courses and the Mathematics with Physics option appears below on the next page.
The following courses, proposed by the Board of the Faculty of Mathematics, are non-examinable.

### MICHAELMAS 2019

**For the Mathematics with Physics Option only:**

**Numbers and Sets** (Lecture Classes)
PROF. I. B. LEADER and others  
S. 12 on 12th Oct only, & Th. 12 from 17th Oct onwards,  
_Hopkinson Lecture Theatre_

**Introduction to Mechanics**
DR P. J. O’DONNELL  
M. W. 12, _Hopkinson Lecture Theatre_ (Ten lectures)

### LENT 2020

**For the Mathematics with Physics Option only:**

**Dynamics and Relativity** (Lecture Classes)
PROF. P. H. HAYNES, DR J. M. EVANS  
Th. 12, _Hopkinson Lecture Theatre_

### EASTER 2020

**Concepts in Theoretical Physics**
PROF. J. D. BARROW  
M. W. F. 12, _Mill Lane Room 3_ (Eight lectures)  
no lecture on Monday 27th April 2020

**Mathematics with Physics Option:**

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/](http://www.timetable.cam.ac.uk/) in Part IA Physics of the Natural Sciences Tripos. They should discuss with their Directors of Studies the potential benefits of attending the non-examinable lecture classes on Numbers and Sets and Dynamics and Relativity. They will also be required to do Physics practical work, and should attend at least the first lecture of the Scientific Computing Course. An Introductory talk will be held at 11.00 am on Wednesday 9 October 2019 in the Pippard Lecture Theatre (following the induction session for all Mathematics students at 9.15 am held in the Cockcroft Lecture Theatre).

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The lectures listed below are not organised by the Mathematics Faculty (which has no responsibility for them) but they are intended to be of interest to students of Mathematics.

### MICHAELMAS 2019

**History of Mathematics**
DR P. BURSIL-HALL  
W. F. 4, _Centre for Mathematical Sciences, MR4_

**History of Science for Mathmos**
DR P. BURSIL-HALL  
Th. 4, _Centre for Mathematical Sciences, MR4_

**Ethics in Mathematics**
DR M. CHIODO  
Tu. 4, _Centre for Mathematical Sciences, MR4_

### LENT 2020

**History of Mathematics**
DR P. BURSIL-HALL  
W. F. 4, _Centre for Mathematical Sciences, MR4_

**History of Science for Mathmos**
DR P. BURSIL-HALL  
Th. 4, _Centre for Mathematical Sciences, MR4_

**Philosophy of Mathematics**
DR T. FORSTER  
Tu. 4, _Centre for Mathematical Sciences, MR4_

### EASTER 2020

**History of Mathematics**
DR P. BURSIL-HALL  
W. F. 4, _Centre for Mathematical Sciences, MR4_

**History of Science for Mathmos**
DR P. BURSIL-HALL  
Th. 4, _Centre for Mathematical Sciences, MR4_

**Philosophy of Mathematics**
DR T. FORSTER  
Tu. 4, _Centre for Mathematical Sciences, MR4_