

# MATHEMATICAL SCIENCES

## DIVISION OF MATHEMATICAL AND PHYSICAL SCIENCES

### Lecture List for Michaelmas Term 2011

There may be late changes and amendments to this Lecture List. For an up-to-date version, please check the Mathematical Institute Website:  
<http://www.maths.ox.ac.uk/notices/lecture-lists>

This version updated 11 October 2011

Events shown on this list are generally one hour long unless stated otherwise.

<i>Subject</i>	<i>Lecturer</i>	<i>Time*</i>	<i>Place</i>
<b>GRADUATE SEMINARS</b>			
Algebra Seminar	Prof M J Collins and Prof Rouquier	T.5	Mathematical Institute, L2
Algebraic and Symplectic Geometry	Prof Joyce and Dr Szendroi	T.3:45	Mathematical Institute, L3 [DHSR1, week 3]
Analytic Topology in Mathematics and Computer Science	Prof Abramsky, Dr P J Collins, Dr Knight, Prof Priestley, Prof Roscoe and Dr Suabedissen	W.4-5:30	Mathematical Institute, L3
Applied Dynamical Systems and Inverse Problems	Dr Moroz	T.11-12:30	Mathematical Institute, DHSR3
Aspects of Mathematical Foundations of Physics	Prof. Zilber	F.4	Mathematical Institute, L3
Combinatorial Theory	Prof McDiarmid and Prof Scott	T.2:30-3:45[L3] T.4:30[SGSR2]	Mathematical Institute, L3, SGSR2
Computational Mathematics and Applications	Prof Trefethen and Dr Thorne (RAL)	Th.2	Mathematical Institute, Gibson Building R.I.48
Computing Laboratory Seminar	Prof Gottlob	T.4:30	Computing Laboratory
Differential Equations and Applications	Prof Howison, Prof J Ockendon and Prof Chapman	Th.4	Mathematical Institute, DHSR1 [L2, week 8]
Functional Analysis	Prof Batty	T.5	Mathematical Institute, L3
Geometry and Analysis	Prof Hitchin	M.2:15	Mathematical Institute, L3
Geophysical and Non-linear fluid dynamics	Prof Read and Dr Moroz	T.2:15	Atmospheric Physics
Graphical Models Reading Group	Dr Massa	F.2 [weeks 2,4,6,8]	Department of Statistics
Junior Applied Mathematics	Miss Warneford	T.1 (even weeks)	Mathematical Institute, DHSR1 [DHSR3, week 8]
Junior Geometric Group Theory	Mr Sisto	W.4	Mathematical Institute, SGSR2 [DHSR3, week 6]
Junior Geometry and Topology Seminar	Mr Roser	Th.12-1.30	Mathematical Institute, SGSR2
Junior Logic	Mr Anscombe	T.2	Mathematical Institute, T14

Junior Number Theory	Prof. Heath-Brown	M.4	Mathematical Institute, SGSR1 [week 1, L2]
Logic	Dr Koenigsmann	Th.5	Mathematical Institute, L3
Mathematical Behavioural Finance	Prof Zhou	W.3	Oxford-Man Institute of Quantitative Finance, Eagle House, Walton Well Road.
Mathematical Biology	Prof Maini, Dr Baker and Dr Gaffney	F.2 (odd weeks)	Mathematical Institute, L1
Mathematical Finance Internal Seminar	Prof. Zhou	Th.1	Mathematical Institute, DHSR1 [week 8, L3]
Mathematical Finance Nomura	Prof. Zhou	F.2:15	Mathematical Institute, DHSR1 [week 8, L3]
Mathematical Genetics and Bioinformatics	Dr Marchini & Dr Myers	T.4.30	Oxford Centre for Gene Function, Seminar Room
Mathematical Geoscience	Dr Farmer & Dr Fowler	F.2:30 (even weeks)	Mathematical Institute, DHSR3
Nonlinear PDE	Prof. Chen	Th. 4-6	Gibson Building Seminar Room
Number Theory	Prof Heath-Brown	Th.4	Mathematical Institute, L3
Oxford Advanced Seminar on Informatic Structures	Dr Sadrzadeh	F.2	Computing Laboratory
Partial Differential Equations	Dr Capdeboscq	M.5	Gibson Building Seminar Room
Quantum Field Theory/Relativity	Dr Hannabuss and Dr Tsou	T.12	Mathematical Institute, L3 [SGSR1, week 3]
Representation Theory	Dr Erdmann and Dr Henke	Th.2:30	Mathematical Institute, L3
Set Theory Reading Group	Mr Lupton	W.2	Mathematical Institute, SGSR1 [T14, week 6]
Statistics Applied Probability and Operational Research	Prof. Doucet	Th.2:15	Department of Statistics
Statistics Graduate Seminar	Dr Marchini	Th.3:45(weeks 1.3.4.5.6)	Department of Statistics
Statistics Graduate Student Presentations	Dr Marchini	Th.2:15 (week 7)	Department of Statistics
Stochastic Analysis	Prof. Lyons	M. 2:15pm-3:30pm & 3:45pm-5:00pm	Oxford-Man Institute of Quantitative Finance, Eagle House, Walton Well Road
String Theory	Prof Candelas and Dr de la Ossa	M.12	Mathematical Institute, L3
String Theory Discussion Seminar	Dr de la Ossa	W.12	F20
Topology	Prof Tillmann and Prof Lackenby	M.3:45	Mathematical Institute, L3
<b>GRADUATE WORKSHOPS</b>			
Stochastic Analysis	Prof Lyons	T. 10-12	Oxford-Man Institute of Quantitative Finance, Eagle House, Walton Well Road.

<b>WORKSHOPS</b>			
Industrial and Interdisciplinary Workshops	Dr Gower and Dr Breward	F.9-2	Mathematical Institute, DHSR1 [DHSR3, week 8]
<b>ADVANCED CLASSES</b>			
Algebra	Dr Craven	T.3-4.30	Mathematical Institute, SGSR2
Logic	Prof Zilber	Th.11	Mathematical Institute, SGSR2
Topology	Prof. Tillmann	M.11	Mathematical Institute, L3
<b>GRADUATE LECTURES</b>			
Elements of Geometric Model Theory	Prof. Zilber	W.11-1	Mathematical Institute, SGSR2 [DHSR3, week 6]
Derived categories of coherent sheaves'	Prof. Bridgeland	T.W.11[weeks 1-5&7,8] T.11W.10[week6]	Mathematics Institute, SGSR1
An Introduction to LaTeX	Dr Schlackow	F.4 (week 5)	Mathematical Institute, L1
<b>TAUGHT COURSE CENTRE[]</b>			
<p>The Taught Course Centre is a collaboration between the Mathematics Departments at the Universities of Bath, Bristol, Imperial, Oxford and Warwick. It aims to offer approximately 25 graduate level courses over the academic year. Access grid technology will be used so that audiences in all five universities can participate in the lectures. Graduate students should register in advance in order to attend the lectures. For more information about the Taught Course Centre, and for their lecture timetable, please see the website at <a href="http://tcc.maths.ox.ac.uk/">http://tcc.maths.ox.ac.uk/</a></p>			
<b>M.Sc. MATHEMATICAL AND COMPUTATIONAL FINANCE[]</b>			
Asset Pricing	Prof. Monoyios	T,Th.11 [weeks 5-8]	Mathematical Institute, DHSR1 [T.B.C., week 8]
Financial Derivatives	Dr Nadtochiy	T.10, W.11	Mathematical Institute, DHSR1 [L3, T.10 week 8; T.B.C., W.11 week 8]
Practical Stochastic Calculus	Prof. Zariphopoulou	T,Th.11 [weeks 1-4]	Mathematical Institute, DHSR1
Numerical Methods for Finance	Prof. Giles & Dr Gyurko	T.W. 2	Mathematical Institute, DHSR1 [T.B.C., week 8]
Stochastic Differential Equations	Prof. Hambly	Th.2 [L1], F.12 [L3]	Mathematical Institute, L3
<b>M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING[]</b>			
<b>CORE</b>			
Introduction to Applied Mathematics	Dr Moroz	M.T.W.11-1 (week 1)	Mathematical Institute, L1
A1 Supplementary Applied Mathematics	Prof J Chapman	T.3	Mathematical Institute, SGSR1
A1 Techniques of Applied Mathematics	Dr Muench	Th.10 (weeks 2-8) [L1], M.5 [L1] (Week 2), F.2 [L2] (weeks 3-8)	Mathematical Institute, L1, L2
B1 Numerical Linear Algebra	Prof. Wendland	M.3-5(weeks 1-4)	Mathematical Institute, L1
B2 Numerical Linear Algebra	Prof. Wendland	M.3-5 (weeks 5-8)	Mathematical Institute, L1

B1 Numerical Solution of Differential Equations I	Dr Sobey	W.9 (week 1) [L3] W.11(weeks 2-8) [L1] Th.12 [L1]	Mathematical Institute, L1 [L3, W.9 week 1]
Mathematical Modelling	Dr Muench	W.2-4, F.3 (weeks 1,3-8) T.2 (week3)[SGSR2]	Mathematical Institute, L3 & SGSR2
Additional Skills	Dr K Gillow	Th.4-6	Mathematical Institute, SGSR1
Practical Numerical Analysis	Dr Gonnet	T. 5,W.5	Mathematical Institute, SGSR1
<b>SPECIAL TOPICS[]</b>			
Dynamics and Energy Minimization	Prof. Sir Ball	Th.9, F.10	Mathematical Institute, L1
Mathematical Geoscience	Prof. Sander & Dr Fowler	M.F.9	Mathematical Institute, L2
Mathematical Ecology and Biology	Dr Baker	M.T. 11 (weeks 2-8)	Mathematical Institute, L1
Perturbation Methods	Prof. Maini	M.10, T.9	Mathematical Institute, L2
Solid Mechanics	Mr K Koumatos	W.4, Th.3	Mathematical Institute, L1
Statistical Mechanics	Dr Porter	Th.F.11	Mathematical Institute, L1
Stochastic Differential Equations	Prof. Hambly	Th.2 [L1], F.12 [L3]	Mathematical Institute, L1 & L3
Topics in Fluid Mechanics	Dr D Vella	T.10 [weeks 1-8] W.10 [week 1 only] M. 12 [weeks 2-8]	Mathematical Institute, L2
Viscous Flow	Dr Oliver	T.12,W.12 (weeks 2-8)	Mathematical Institute, L1
<b>M.Sc IN COMPUTER SCIENCE</b>			
<b>Schedule A</b>			
Functional Programming	Dr Jeavons	M.W.12	Department of Computer Science
Object Oriented Programming	Dr Motik	T.Th.11	Department of Computer Science
Foundations of Computer Science	Prof. Benedikt	M.W.3	Department of Computer Science
<b>Schedule B</b>			
Lambda Calculus and Types	Dr Tzevelekos	T.4-6	Department of Computer Science
Bioinformatics and Computational Biology	Dr Hein	M.5, W.3	Department of Statistics
Databases	Prof. Benedikt	Th.F.4	Department of Computer Science
Intelligent Systems	Dr Motik	T.Th.9	Department of Computer Science
<b>Schedule C</b>			
Computational Linguistics	Prof. Pulman	Th.F.3	Department of Computer Science

Computer Aided Formal Verification	Prof. Melham	F.10-12	Department of Computer Science
Probabilistic Model Checking	Dr Parker	M.2,Th.12	Department of Computer Science
Probability and Computing	Prof. Worrell	W.F.2 & M.4 [weeks1-4]	Department of Computer Science
Computer Animation	Dr Cameron	W.11, Th.F.4	Department of Computer Science
Categories Proofs and Processes	Dr Doering	W.4, W.5[weeks 1-5],Th.5	Department of Computer Science
<b>M.Sc IN MATHEMATICS AND THE FOUNDATIONS OF COMPUTER SCIENCE</b>			
<b>Section A: Mathematical Foundations</b>			
<i>Schedule I</i>			
Algebraic Topology	Prof. Tillmann	T.Th.11	Mathematical Institute, L3
Analytic Number Theory	Prof. Heath-Brown	M.T.2	Mathematical Institute, L2
Analytic Topology	Dr Suabedissen	M.T.9	Mathematical Institute, L3
Model Theory	Dr Koenigsmann	W.F.10	Mathematical Institute, L2
Introduction to Representation Theory	Dr Henke	W.Th.11	Mathematical Institute, L2
Lambda Calculus and Types	Dr Tzevelekos	T.4-6	Department of Computer Science
Lie Algebras	Dr Mcgerty	M.Th.12	Mathematical Institute, SGSR1
<i>Schedule II</i>			
Building Infinite Groups	Prof. Wilson	T.10[L1] & T.3[L2]	Mathematical Institute, L1 & L2
<b>Section B: Applicable Theories</b>			
<i>Schedule I</i>			
Applied Probability	Dr Laws	W.5 [L2] F.12[L1]	Mathematical Institute, L2 & L1
Categories Proofs and Processes	Dr Doering	W.4, W.5[weeks 1-5],Th.5	Department of Computer Science
Communication Theory	Dr Stirzaker	Th.F.3	Mathematical Institute, L2
Foundations of Computer Science	Prof. Benedikt	M.W.3	Department of Computer Science
Graph Theory	Prof. McDiarmid	W.Th.9	Mathematical Institute, L2
<i>Schedule II</i>			
Probability and Computing	Prof. Worrell	W.F.2 & M.4 [weeks1-4]	Department of Computer Science

<b>MATHEMATICS</b>			
<b>Moderations</b>			
A&B: Introduction to Pure Mathematics	Dr Knight	M.W.11, T.Th.F.12 (week 1) T.Th.F 10 (week 2)	University Museum
B: Introduction to Complex Numbers	Dr Szendroi	M.2, T.10 (week 1)	University Museum
A: Linear Algebra I	Dr Erdmann	M.11, Th.12 (weeks 2-8)	University Museum
A: Geometry I	Dr Szendroi	T.11(weeks 1-4) W.11 (weeks 2-4)	University Museum
B: Analysis I	Dr Earl	T.F.12 (weeks 2-8)	University Museum
C: Calculus of One Variable	Prof. Maini	Th.F.11 (weeks 1-3)	University Museum
C: Calculus of Two or more Variables	Prof. Maini	Th. 11 (week 3) T.F.11 (weeks 5-8)	University Museum
C: Dynamics	Prof. Chapman	M.W.12	University Museum
C: Probability I	Dr Goldschmidt	W.Th.11 (weeks 5-8)	University Museum
Mathematics with MuPAD	Dr Macdonald	W.10 (week 2)	University Museum
<b>Part A</b>			
Algebra	Dr Knight	T.W.Th.2	University Museum
Analysis	Dr Qian	M.2 (week 3), T.3 (weeks 1, 2, & 4-8), W.3, F.2	University Museum
Differential Equations	Prof. Mason	M.Th.F.3	University Museum
<b>Part B</b>			
B1a Logic	Dr Koenigsmann	W.F.9	Mathematical Institute, L1
B2a Introduction to Representation Theory	Dr Henke	W.Th.11	Mathematical Institute, L2
B3a Geometry of Surfaces	Dr Torres	M.T.11	Mathematical Institute, L2
B3.1a Topology and Groups	Dr Papazoglou	M.T.2	Mathematical Institute, L1
B4a Banach Spaces	Prof. Kirchheim	T.4, W.2	Mathematical Institute, L2
B568 Introduction to Applied Mathematics	Dr Moroz	M.T.W.11-1 (week 1)	Mathematical Institute, L1
B5a Techniques of Applied Mathematics	Dr Muench	Th.10 (weeks 2-8) [L1], M.5 [L1] (Week 2), F.2 [L2] (weeks 3-8)	Mathematical Institute, L1, L2
B5.1a Dynamics and Energy Minimization	Prof. Sir Ball	Th. 9, F.10	Mathematical Institute, L1
B6a Viscous Flow	Dr Oliver	T.W.12 (weeks 2-8)	Mathematical Institute, L1
B7.1a Quantum Mechanics	Dr Alday	T.9 [L1], F.11[L2]	Mathematical Institute, L1 & L2

B8a Mathematical Ecology and Biology	Dr Baker	M.T.11 (weeks 2–8)	Mathematical Institute, L1
B9a Galois Theory	Prof. Kirwan	Th.F.12	Mathematical Institute, L2
B10a Martingales Through Measure Theory	Prof. Riordan	T.5 [L1], Th.2 [L2]	Mathematical Institute, L1& L2
B11a Communication Theory	Dr Stirzaker	Th.F.3	Mathematical Institute, L2
B12a Applied Probability	Dr Laws	W.5 [L2] F.12[L1]	Mathematical Institute, L2 & L1
B21a Numerical Solution of Differential Equations I	Dr Sobey	W.9 (week 1) [L3] W.11(weeks 2-8) [L1] Th.12 [L1]	Mathematical Institute, L1 (week 1 W.9 L3)
B22 Integer Programming	Dr Hauser	M.T.10 Weeks 5,7 &8 T.10 SGSR1	Mathematical Institute, L3
N1a Mathematics Education	Prof. Watson	Th.4-6	Mathematical Institute, SGSR2
O1 History of Mathematics	Dr Neumann	M.3-5	Mathematical Institute, SGSR2
OBS1a Applied Statistics I	Dr Laws	M.9, Th.11	Department of Statistics
OBS2a Foundations of Statistical Inference	Dr Nicholls	M.11, W.9	Department of Statistics
OBS4a Actuarial Mathematics	Dr Winkel	T. 3, F.2 [week 1 only L2] M.12 [weeks2-8]	Mathematical Institute, L1 & L2
OCS1a Functional Programming	Dr Jeavons	M.W.12	Department of Computer Science
OCS3a Lambda Calculus and Types	Dr Tzevelekos	T.4-6	Department of Computer Science
101 History of Philosophy: Descartes	Dr Mander	W.10	Examinations Schools
101 History of Philosophy: Hume	Dr Millican	Th.10	Examination Schools
102 Knowledge and Reality: Epistemology	Prof. Hawthorne	M.10	Examination Schools
122 Philosophy of Mathematics	Dr Paseau	F.4.15	10 Merton Street
*Dissertation: ' <i>Presenting a Thesis</i> '	Prof. Heath-Brown	W.10 (week 7 only)	Mathematical Institute, L3
Introduction to LaTeX	Dr Schlackow	F.4 (week 5)	Mathematical Institute, L1
<b>Part C</b>			
C1.1a Model Theory	Dr Koenigsmann	W.F.10	Mathematical Institute, L2
C1.2a Analytic Topology	Dr Suabedissen	M.T.9	Mathematical Institute, L3
C2.1a Lie Algebras	Dr Mcgerty	M.Th.12	Mathematical Institute, SGSR1
C2.2a Building Infinite Groups	Prof. Wilson	T.10 [L1] & 3[L2]	Mathematical Institute, L1 & L2

C3.1a Algebraic Topology	Prof. Tillmann	T.Th.11	Mathematical Institute, L3
C4.1a Functional Analysis	Prof. Haydon	W.12, Th.10	Mathematical Institute, L3
C5.1a Methods of Functional Analysis for PDEs	Prof. Seregin	M.11 [SGSR2] W.11 [L3]	Mathematical Institute, L3, SGSR2
C6.1a Solid Mechanics	Mr K Koumatos	W.4, Th.3	Mathematical Institute, L1
C6.2a Statistical Mechanics	Dr Porter	Th.F.11	Mathematical Institute, L1
C6.3a Perturbation Methods	Prof. Maini	M.10, T.9	Mathematical Institute, L2
C6.4 Topics in Fluid Mechanics	Dr Vella	T.10 [weeks 1-8] [L2] W.10 [week 1 only] [L3] M. 12 [weeks 2-8] [L2]	Mathematical Institute, L2 & L3
C7.2a General Relativity	Dr Lipstein	W [L1]. F [L3]. 2	Mathematical Institute, L1 & L3 [SGSR1, F.2 week 8]
C7.4 Theoretical Physics	Prof. Lukas	M.9, W.10, Th.9	Department of Physics
C8.1a Mathematical Geoscience	Prof. Sander & Dr Fowler	M.F.9	Mathematical Institute, L2
C9.1a Analytic Number Theory	Prof. Heath-Brown	M.T.2	Mathematical Institute, L2
C10.1a Stochastic Differential Equations	Prof. Hambly	Th.2 [L1], F.12 [L3]	Mathematical Institute, L1 & L3
C11.1a Graph Theory	Prof. McDiarmid	W.Th.9	Mathematical Institute, L2
C12.1a Numerical Linear Algebra	Prof. Wendland	M.3-5	Mathematical Institute, L1
CCS1a Categories, Proofs and Processes	Dr Doering	W.5[weeks 1-5],Th.5	Department of Computer Science
MS1a Graphical Models and Inference	Prof. Lauritzen	T, Th.12	Department of Statistics
MS2a Bioinformatics and Computational Biology	Prof. Hein	M.5, W.3	Department of Statistics
*Dissertation: ' <i>Presenting a Thesis</i> '	Prof. Heath-Brown	W.10 (week 7 only)	Mathematical Institute, L3
Introduction to LaTeX	Dr Schlackow	F.4 (week 5)	Mathematical Institute, L1
*These lectures will be useful to students offering an Extended Essay or Dissertation.			
<b>“Extra” Part C subjects</b>			
<b>[Note: No “Extra” Part C subjects are planned for MT 2009.]</b>			
<b>COMPUTER SCIENCE</b>			
<b>Moderations</b>			
CS1 Functional Programming	Dr Jeavons	M.W.12	Department of Computer Science
CS3 Discrete Mathematics	Dr Pitt-Francis	T.Th.10	Department of Computer Science
CS3 Linear Algebra	Dr Kay	M.W.10	Department of Computer Science

<b>MATHEMATICS AND COMPUTER SCIENCE</b>			
<b>Moderations</b>			
CS1 Functional Programming	Prof. Jeavons	M.W.12	Department of Computer Science
<b>COMPUTER SCIENCE</b>			
<b>Part A</b>			
Computer Graphics	Dr Cameron	M.3 weeks 2-8 T.3 weeks 1-8 W.4 WEEK 1 ONLY	Department of Computer Science
Databases	Prof. Benedikt	Th.F.4	Department of Computer Science
Formal Program Design	Dr Jones	M.W.12	Department of Computer Science
Models of Computation	Dr Nickau	M.W.10	Department of Computer Science
Object Oriented Programming	Dr Motik	T.Th.11	Department of Computer Science
<b>MATHEMATICS &amp; COMPUTER SCIENCE</b>			
<b>Part A</b>			
Computer Graphics	Dr Cameron	M.3 weeks 2-8 T.3 weeks 1-8 W.4 WEEK 1 ONLY	Department of Computer Science
Databases	Prof. Benedikt	Th.F.4	Department of Computer Science
Formal Program Design	Dr Jones	M.W.12	Department of Computer Science
Models of Computation	Dr Nickau	M.W.10	Department of Computer Science
Object Oriented Programming	Dr Motik	T.Th.11	Department of Computer Science
[In addition, the lectures above for Mathematics Part A are applicable.]			
<b>COMPUTER SCIENCE, MATHEMATICS &amp; COMPUTER SCIENCE</b>			
<b>Part B</b>			
<b>Schedule B1</b>			
Computer Graphics	Dr Cameron	M.3 weeks 2-8 T.3 weeks 1-8 W.4 WEEK 1 ONLY	Department of Computer Science
Databases	Prof. Benedikt	Th.F.4	Department of Computer Science
Formal Program Design	Dr Jones	M.W.12	Department of Computer Science
<b>Schedule B2</b>			
Computer Aided Formal	Prof. Melham	F.10-12	Department of Computer

Verification			Science
Intelligent Systems I	Dr Motik	T.Th.9	Department of Computer Science
Lambda Calculus and Types	Dr Tzevelekos	T.4-6	Department of Computer Science
<b>Schedule B3</b>			
Lectures under Mathematics Part B: B1, B2, B4, B5, B9 B11a, B12a, B21, B22a are applicable. If you wish to offer an additional Maths Part B subject under this Schedule, please contact the Academic Administrator, Computing Laboratory, for details.			
<b>Part C</b>			
<b>Schedule C1</b>			
Categories Proofs and Processes	Dr Doering	W.4, W.5[weeks 1-5],Th. 5	Department of Computer Science
Computational Linguistics	Prof. Pulman	Th.F.3	Department of Computer Science
Computer Animation	Dr Cameron	W.11, Th.F.4	Department of Computer Science
Probabilistic Model Checking	Dr Parker	M.2, Th.12	Department of Computer Science
Probability and Computing	Prof. Worrell	W.F.2 & M.4 [weeks1-4]	Department of Computer Science
<b>MATHEMATICS AND PHILOSOPHY</b>			
<b>Moderations</b>			
<b>Mathematics:</b>			
A&B: Introduction to Pure Mathematics (Week 1)	Dr Knight	M.W.11, T.Th.F.12 (week 1) T.Th.F.10 (week 2)	University Museum
B: Introduction to Complex Numbers	Dr Szendroi	T.10, Th.11(week 1)	University Museum
A: Linear Algebra I	Dr Erdmann	M.11, Th.12 (weeks 2-8)	University Museum
A: Geometry I	Dr Szendroi	W.Th.11 (weeks 2-4)	University Museum
B: Analysis I	Dr Earl	T.F.12 (weeks 2-8)	University Museum
[Papers A and B are compulsory papers for Honour Moderations in Mathematics and Philosophy. The lectures in Calculus of One Variable and in Calculus of Two or More Variables under "MATHEMATICS Moderations" are strongly recommended as background for later courses in Mathematics.]			
<b>Philosophy:</b>			
General Philosophy	Dr Millican	W.12	Examination Schools
Introduction to Logic	Dr Halbach	M.12	Examination Schools
<b>Part A Mathematics:</b>			
Algebra	Dr Knight	T.W.Th.2	University Museum
Analysis	Dr Qian	M.2 (week 3),T.3 (weeks 1, 2,	University Museum

		& 4-8), W.3, F.2	
[These lectures are for compulsory subjects]			
<b>Part B Mathematics</b>			
B1a Logic	Dr Koenigsmann	W.F.9	Mathematical Institute, L1
[These lectures are for the compulsory subject "Foundations". Other courses listed under mathematics Part B can be taken: B2, B3, B3.1a, B4, B9, B10, B11, N1, O1.]			
<b>Part B Philosophy:</b>			
101 History of Philosophy: Descartes	Dr Mander	W.10	Examinations Schools
101 History of Philosophy: Hume	Dr Millican	Th.10	Examination Schools
102 Knowledge and Reality: Epistemology	Prof. Hawthorne	M.10	Examination Schools
122 Philosophy of Mathematics	Dr Paseau	F.10	10 Merton Street
[For further Philosophy lectures, please consult the Philosophy lecture list]			
<b>Part C Mathematics: Logic</b>			
C1.1a Model Theory	Dr Koenigsmann	W.F.10	Mathematical Institute, L2
C1.2a Analytic Topology	Dr Suabedissen	M.T.9	Mathematical Institute, L3
[See Philosophy list for Philosophy subjects which may be offered.]			
<b>MATHEMATICS AND STATISTICS</b>			
<b>Moderations</b>			
The Lectures above for MATHEMATICS Moderations all apply.			
<b>Part A</b>			
The lectures above for Mathematics Part A, on the compulsory subjects of Algebra, Analysis, and Differential Equations, all apply.			
<b>Part B</b>			
BS1a Applied Statistics I	Dr Laws	M.9, Th.11	Department of Statistics
BS2a Foundations of Statistical Inference	Dr Nicholls	M.11, W.9	Department of Statistics
BS3a Applied Probability	Dr Laws	W.5 [L2] F.12[L1]	Mathematical Institute, L2 & L1
BS4a Actuarial Mathematics	Dr Winkel	T. 3, F.2 [week 1 only L2] M.12 [weeks2-8]	Mathematical Institute, L1 & L2
[Other courses listed under Mathematics Part B can be taken: B1, B2, B3, B4, B5, B6, B7.1, B7.2, B8, B9, B10, B11, C3.1, and C5.1.]			
<b>Part C</b>			
MS1a Graphical Models and Inference	Prof. Lauritzen	T, Th. 12	Department of Statistics
MS2a Bioinformatics and Computational Biology	Prof. Hein	M.5, W.3	Department of Statistics

[Other courses under Mathematics Part C can also be taken.]

***FOOTNOTE REFERENCES***

- \* Lectures begin on the first day possible after the beginning of Full Term (Sunday, 9 October), unless otherwise stated in this column.  
Events take place every Week of Full Term (Weeks 1-8) unless otherwise stated.