

MATHEMATICAL SCIENCES

DIVISION OF MATHEMATICAL AND PHYSICAL SCIENCES

Lecture List for Michaelmas Term 2010

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 20 October 2010

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>
GRADUATE SEMINARS			
Algebra Seminar	Prof M J Collins, Prof Rouquier and Prof D Segal	T.5	Mathematical Institute, L2
Algebraic and Symplectic Geometry	Prof Joyce and Dr Szendroi	T.3.45	Mathematical Institute, L3
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 [week 2, SGSR1]
Applied Dynamical Systems and Inverse Problems	Dr Moroz	Th.11-12:30	Mathematical Institute, DHSR3
Aspects of Mathematical Foundations of Physics	Prof. Zilber	W.4	Mathematical Institute Weeks 1,2 - SGSR2 Week 3,4,5,7- SGSR1 Week 6, 8 - L1
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 Dollar (RAL)	Th.2	Mathematical Institute, Seminar Room, 3 Worcester Street
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 [week 1, L2; week 8, RI.0.48]
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
Junior Applied Mathematics	Ms Cominetti	T.1 (even weeks)	Mathematical Institute, DHSR1 (weeks 2,6), Computing Laboratory (week 4), Gibson Building (week 8)
Junior Geometric Group Theory	Mr Hume	T.4	Mathematical Institute, DHSR3
Junior Geometry and Topology Seminar	Miss Buzano	Th.12-1.30	Mathematical Institute, SGSR1

Junior Logic	Mr Anscombe	M.3	Mathematical Institute, SGSR1
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	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 Myers	T.4.30	Oxford Centre for Gene Function, Seminar Room
Mathematical Geoscience	Dr Ellis & Dr Peppin	F.2:30 (even weeks)	Mathematical Institute, DHSR3
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
Representation Theory	Dr Erdmann and Dr Henke	Th.2:30	Mathematical Institute, L3
Statistics Applied Probability and Operational Research	Dr Steinsaltz	Th.2:15 (weeks 1.3.4.5.6)	Department of Statistics
Statistics General Seminar	Dr Steinsaltz	Th.2:15 (weeks 2 & 8)	Department of Statistics
Statistics Graduate Seminar	Prof. Reinert and Prof. Sir David Cox	Th.3:45(weeks 1.3.4.5.6)	Department of Statistics
Statistics Graduate Student Presentations	Dr Clifford	Th.2:15 (week 7)	Department of Statistics
Stochastic Analysis	Prof. Lyons	M.2.15-3.45, 3.45-5.00	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
GRADUATE WORKSHOPS			
Stochastic Analysis	Prof Lyons	T.11-1	Oxford-Man Institute of Quantitative Finance, Eagle House, Walton Well Road.

WORKSHOPS			
Industrial and Interdisciplinary Workshops	Dr Gower and Dr Breward	F.9-2	Mathematical Institute, DHSR1 [week 8, DHSR3]
ADVANCED CLASSES			
Algebra	Dr Craven	T.3-4.30	Mathematical Institute, SGSR2
Logic	Prof Zilber	Th.11	Mathematical Institute, SGSR2
Representation Theory	Prof Rouquier	T.12	Mathematical Institute, SGSR2
GRADUATE LECTURES			
Cobordism Theory: Old and New	Prof. Tillmann	T.11 (week 1, 4-9) T.10 (week 2, L3)	Mathematical Institute, SGSR2 (week 2, L3)
Elements of Geometric Model Theory	Prof. Zilber	W.11-1	Mathematical Institute, SGSR2 [week 6,8 – DHSR2]
Scientific Computing for DPhil Students	Prof Trefethen	T. F. 12 (weeks 1-6)	Mathematical Institute, L2
An Introduction to LaTeX	Dr Schlackow	Th.5 (week 5 only)	Mathematical Institute, L1
TAUGHT COURSE CENTRE[]			
<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 http://tcc.maths.ox.ac.uk/</p>			
M.Sc. AND DIPLOMA IN APPLIED STATISTICS[]			
<i>Details to follow</i>			
M.Sc. MATHEMATICAL AND COMPUTATIONAL FINANCE[]			
Asset Pricing	Dr Monoyios	T.Th.11 (weeks 5-8)	Mathematical Institute, DHSR1 [week 8 – T. 11, RI.0.48; Th.11, L3]
Financial Derivatives	Prof. Howison	T.10, W.11	Mathematical Institute, DHSR1 [week 8 - T.10, L3; W.11, L3]
Practical Stochastic Calculus	Prof. Zariphopoulou	T.Th.11 (weeks 1-4)	Mathematical Institute DHSR1
Numerical Methods for Finance	Prof. Giles & Dr Gyurko	T.Th.2	Mathematical Institute DHSR1[week 8 – T.2, L1; Th. 2, L2,]
Stochastic Differential Equations	Prof. Lyons	M.T.5	Mathematical Institute, L1
M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING[]			
CORE			
Introduction to Applied Mathematics	Dr Moroz	M.11, M.12, T.11, W.11, Th.12, Th.3 (week 1 only)	Mathematical Institute, L1

A1 Mathematical Methods	Dr Muench	Th.F.3 (weeks 2–8)	Mathematical Institute, L1
A1 Mathematical Methods	Dr Ockendon	Th.2 (weeks 2-9)	Mathematical Institute, SGSR2
B1 Numerical Linear Algebra	Prof. Wendland	Th.10-12 (weeks 1–4)	Mathematical Institute, L2
B2 Numerical Linear Algebra	Prof. Wendland	Th.10-12 (weeks 5–8)	Mathematical Institute, L2
B1 Numerical Solution of Differential Equations I	Prof. Suli	W.Th.9	Mathematical Institute, L3
Mathematical Modelling	Dr Muench	W.11-1 (12-1, week 1)[L2] F.1 [L3]	Mathematical Institute, L2, L3
Additional Skills	Dr K Gillow	Th.4-6	Mathematical Institute, L2 [week 1, SGSR1]
Practical Numerical Analysis	Dr Gonnet	T.12 (week 1) [DHSR3] T. 11 (weeks 2-8)[L2] W.3 [L1]	Mathematical Institute, DHSR3, L2, L1
SPECIAL TOPICS[]			
Approximation of Functions	Dr Sobey	M.W.10	Mathematical Institute, L2
Dynamics and Energy Minimization	Prof. Sir Ball	T.F.10	Mathematical Institute, L1
Mathematics and the Environment	Prof. Sander & Dr Fowler	M.F.9	Mathematical Institute, L2,
Mathematical Ecology and Biology	Dr Baker	M.12, T.9 (weeks 2–8)	Mathematical Institute, L1
Perturbation Methods	Prof. Maini	M.T.3	Mathematical Institute, L2
Solid Mechanics	Dr Ortner	W.2 [L3], Th.4 [L1]	Mathematical Institute, L3 [week 2 – W.2, L2] Mathematical Institute L1 [week 1 Th.4, DHSR1]
Stochastic Differential Equations	Prof. Lyons	M.T.5	Mathematical Institute, L1
Topics in Fluid Mechanics	Dr Gaffney & Dr Peppin	T.W.4	Mathematical Institute, L2
Viscous Flow	Dr Oliver	T.11, W.11 (weeks 2–8)	Mathematical Institute, L1
M.Sc IN COMPUTER SCIENCE			
Schedule A			
Functional Programming	Prof. Jeavons	M.W.12 (weeks 1-6, 8) F.10 (week 7 only)	Computing Laboratory
Object Oriented Programming	Dr Motik	T.Th. 9 (weeks 1, 3, 4, 6–8) M.5, T.9, Th.9, F.9 (week 2 only)	Computing Laboratory
Foundations of Computer Science	Prof. Benedikit	W.F.11	Computing Laboratory
Schedule B			
Lambda Calculus and Types	Dr Tzevelekos	M.3, W. 5	Computing Laboratory
Bioinformatics and	Prof. Hein	T.11, W.9	Computing Laboratory

Computational Biology			
Databases	Prof. Benedikit	T.3 Th.11	Computing Laboratory
Intelligent Systems	Dr Motik	T.Th.10 (weeks 1, 3, 4, 6–8) T.10,Th.10, Th.5, F.5 (week 2 only)	Computing Laboratory
Schedule C			
Computational Linguistics	Prof. Pulman	M.Th.4	Computing Laboratory
Computer Aided Formal Verification	Prof. Melham	T.11–1 (weeks 1-4 and 6–8) F.3–5 (week 5 only)	Computing Laboratory
Probabilistic Model Checking	Dr Parker	T.W.2 W.3 (weeks 1–4)	Computing laboratory
Probability and Computing	Dr Worrell	M.2, W.F.4 (F.4 in weeks 2, 4, 6, 8)	Computing Laboratory
Computer Animation	Dr Cameron	T.Th.3 F.3 (weeks 1–4)	Computing Laboratory
Program Analysis	Prof. de Moor	T.Th.3, F.2	Computing Laboratory
Categories Proofs and Processes	Dr Doering	T.4–6, Th.12	Computing Laboratory
M.Sc IN MATHEMATICS AND THE FOUNDATIONS OF COMPUTER SCIENCE			
Section A: Mathematical Foundations			
Schedule I			
Analytic Number Theory	Prof. Heath-Brown	W.10 [L3] F.10[L2]	Mathematical Institute, L2, L3
Analytic Topology	Dr Suabedissen	M.T.9	Mathematical Institute, L3
Gödel's Incompleteness Theorems	Dr Isaacson	T.W.12	Philosophy Faculty
Introduction to Representation Theory	Dr Henke	Th.10, F.9	Mathematical Institute, L1
Lambda Calculus and Types	Dr Tzevelekos	M.3, W. 5	Computing Laboratory
Lie Algebras	Dr Williamson	M.T.10	Mathematical Institute, SGSR1
Schedule II			
Algebraic Geometry	Dr Berczi	M.T.11	Mathematical Institute, L3
Section B: Applicable Theories			
Schedule I			
Applied Probability	Dr Laws	M.4, W.2	Mathematical Institute, L1
Categories Proofs and Processes	Dr Doering	T.4–6, Th.12	Computing Laboratory
Communication Theory	Dr Stirzaker	W.3, F.2	Mathematical Institute, L2

Foundations of Computer Science	Prof. Benedikit	W.F.11	Computing Laboratory
Graph Theory	Prof. McDiarmid	W.Th.9	Mathematical Institute, L2
Schedule II			
Computer Aided Formal Verification	Prof. Melham	T.11–1 (weeks 1-4 and 6–8) F.3–5 (week 5 only)	Computing Laboratory
Probability and Computing	Dr Worrell	M.2, W.F.4 (F.4 in weeks 2, 4, 6, 8)	Computing Laboratory
MATHEMATICS			
Moderations			
A&B: Introduction to Pure Mathematics (Week 1)	Dr Knight	M.11, T.12, T.3, W.2, F.12 (week 1 only)	University Museum
A&B: Introduction to Pure Mathematics (Week 2)	Dr Knight	Th.4, F.9, F.3 (week 2 only)	University Museum
B: Introduction to Complex Numbers	Dr Szendroi	Th.F.11 (week 1 only)	University Museum
A: Linear Algebra I	Dr Erdmann	M.11, F.12 (weeks 2–8)	University Museum
A: Geometry I	Dr Szendroi	T.12 (weeks 2–4) Th.12 (weeks 1–4)	University Museum
B: Analysis I	Dr Earl	Th.F.11 (weeks 2–8)	University Museum
C: Calculus of One Variable	Prof. Maini	T.W.11 (weeks 1–3)	University Museum
C: Calculus of Two or more Variables	Prof. Maini	T.W.11 (weeks 4–8)	University Museum
C: Dynamics	Dr Acheson	M.W.12	University Museum
C: Probability I	Dr Laws	T.Th.12 (weeks 5–8)	University Museum
Mathematics with MuPAD	Dr Wilkins	T.3 (week 2 only)	University Museum
Part A			
Algebra	Dr Papazoglou & Dr Stewart	M.3, T.4, Th.2	University Museum
Analysis	Dr Qian	T.10, W.9, F.10	University Museum
Differential Equations	Prof. Mason	M.2, Th.10, F.2	University Museum
Part B			
B1a Logic	Dr Koenigsmann	W.11[L2], Th.9[L1]	Mathematical Institute, L2 Mathematical Institute, L1
B2a Introduction to Representation Theory	Dr Henke	Th.10, F.9	Mathematical Institute, L1
B3a Geometry of Surfaces	Prof. Hitchin	M.10 [L3] T.9 [L2]	Mathematical Institute, L2, L3
B3.1a Topology and Groups	Dr Papazoglou	M.5, [L2] Th.2 [L1]	Mathematical Institute, L1, L2
B4a Banach Spaces	Prof. Kirchheim	T.3, Th.11	Mathematical Institute, L1

B568 Introduction to Applied Mathematics	Dr Moroz	M.11, M.12, W.11, Th.12, Th.3 (week 1 only)	Mathematical Institute, L1
B5a Techniques of Applied Mathematics	Dr Muench	Th.F.3 (weeks 2–8)	Mathematical Institute, L1
B5.1a Dynamics and Energy Minimization	Prof. Sir Ball	T.F.10	Mathematical Institute, L1
B6a Viscous Flow	Dr Oliver	T.11, W.11 (weeks 2–8)	Mathematical Institute, L1
B7.1a Quantum Mechanics	Prof. Tod	T.4, F.12	Mathematical Institute, L1
B8a Mathematical Ecology and Biology	Dr Baker	M.12, T.9 (weeks 2–8)	Mathematical Institute, L1
B9a Galois Theory	Prof. Kirwan	M.9, T.2 [week 5] F.4 [weeks 1-4 & 6-8]	Mathematical Institute, L1
B10a Martingales Through Measure Theory	Prof. Etheridge	W.12, F.11	Mathematical Institute, L1
B11a Communication Theory	Dr Stirzaker	W.3, F.2	Mathematical Institute, L2
B12a Applied Probability	Dr Laws	M.4, W.2	Mathematical Institute, L1
B21a Numerical Solution of Differential Equations I	Prof. Suli	W.Th.9	Mathematical Institute, L3
B22 Integer Programming	Dr Hauser	T.4 [SGSR1] F.12 [SGSR2]	Mathematical Institute, SGSR1, SGSR2
N1a Mathematics Education	Prof. Watson	Th.4-6	Mathematical Institute, SGSR1
O1 History of Mathematics	Dr Stedall	M.2–4	Mathematical Institute, SGSR2
OBS1a Applied Statistics I	Dr Nicholls	M.3 T.11 (weeks 2–8) T.4 (week 1 only)	Department of Statistics
OBS2a Foundations of Statistical Inference	Prof. Griffiths	M.W.11	Department of Statistics
OBS4a Actuarial Science	Mr Clarke	T.12 [L1] W.5 [L2]	Mathematical Institute, L1 Mathematical Institute L2
OCS1a Functional Programming	Prof. Jeavons	M.W.12 (weeks 1-6, 8) F.10 (week 7 only)	Computing Laboratory
OCS3a Lambda Calculus and Types	Dr Tzevelekos	M.3, W. 5	Computing Laboratory
101 History of Philosophy: Descartes	Dr Mander	M.10	10 Merton Street
101 History of Philosophy: Hume	Dr Millican	Th.10	Examination Schools
102 Knowledge and Reality: Epistemology	Prof. Hawthorne	W.2	Examination Schools
102 Knowledge and Reality: Metaphysics	Dr Dorr	T.2	Examination Schools

122 Philosophy of Mathematics	Dr Paseau	W.10	10 Merton Street
*Dissertation: 'Presenting a Thesis'	Professor R Heath-Brown	M.11 (week 7 only)	Mathematical Institute, L1
Introduction to LaTeX	Dr Schlackow	Th.5 (week 5 only)	Mathematical Institute, L1
Part C			
C1.1a Gödel's Incompleteness Theorems	Dr Isaacson	T.W.12	Philosophy Faculty
C1.2a Analytic Topology	Dr Suabedissen	M.T.9	Mathematical Institute, L3
C2.1a Lie Algebras	Dr Williamson	M.T.10	Mathematical Institute, SGSR1
C2.2a Finite Group Theory	Dr Craven	M.3 [L1] W.5 (weeks 1-6,8) [L1] F.4 (week 7) [L3]	Mathematical Institute, L1, L3
C3.1a Algebraic Geometry	Dr Berczi	M.T.11	Mathematical Institute, L3
C4.1a Functional Analysis	Prof. Haydon	W.11 [weeks 1 & 3-- L3, week 2 & 8 SR1-] F.11 [L2]	Mathematical Institute, L2, L3, SR1
C5.1a Methods of Functional Analysis for PDEs	Dr Kristensen	T.2 Th.2	Mathematical Institute, L2 [week 8 - Th.2, SGSR1]
C6.1a Solid Mechanics	Dr Ortner	W.2,[L3] Th.4[L1]	Mathematical Institute, L3 [week 2 - W.2, L2] Mathematical Institute L1 [week 1 Th.4, DHSR1]
C6.3a Perturbation Methods	Prof. Maini	M.T.3	Mathematical Institute, L2
C6.4 Topics in Fluid Mechanics	Dr Gaffney & Dr Peppin	T.W.4	Mathematical Institute, L2
C7.2a General Relativity	Dr Reid-Edwards	M.Th.12	Mathematical Institute, SGSR2
C7.4 Theoretical Physics	Prof. Chalker, Prof. Essler & Prof. Lucas	M.9, W.10, Th.9	Department of Physics
C8.1a Mathematics and the Environment	Prof. Sander & Dr Fowler	M.F.9	Mathematical Institute, L2,
C9.1a Analytic Number Theory	Prof. Heath-Brown	W.10 [L3] F.10 [L2]	Mathematical Institute, L2, L3
C10.1a Stochastic Differential Equations	Prof. Lyons	M.T.5	Mathematical Institute, L1
C11.1a Graph Theory	Prof. McDiarmid	W.Th.9	Mathematical Institute, L2
C12.1a Numerical Linear Algebra	Prof. Wendland	Th.10-12	Mathematical Institute, L2
C12.2a Approximation of Functions	Dr Sobey	M.W.10	Mathematical Institute, L2
CCS1a Categories, Proofs and Processes	Dr Doering	T.4-6, Th.12	Computing Laboratory
MS1a Graphical Models and Inference	Prof. Lauritzen	W.12, F.11	Department of Statistics
MS2a Bioinformatics and Computational Biology	Prof. Hein	T.11, W.9	Computing Laboratory

*Dissertation: <i>'Presenting a Thesis'</i>	Professor R Heath-Brown	M.11 (week 7 only)	Mathematical Institute, L1
Introduction to LaTeX	Dr Schlackow	Th.5 (week 5 only)	Mathematical Institute, L1
*These lectures will be useful to students offering an Extended Essay or Dissertation.			
"Extra" Part C subjects			
[Note: No "Extra" Part C subjects are planned for MT 2009.]			
COMPUTER SCIENCE			
Moderations			
CS1 Functional Programming	Prof. Jeavons	M.W.12 (weeks 1-6, 8) F.10 (week 7 only)	Computing Laboratory
CS3 Discrete Mathematics	Dr Ker	T.Th.10	Computing Laboratory
CS3 Linear Algebra	Dr Kay	M.W.10	Computing Laboratory
MATHEMATICS AND COMPUTER SCIENCE			
Moderations			
CS1 Functional Programming	Prof. Jeavons	M.W.12 (weeks 1-6, 8) F.10 (week 7 only)	Computing Laboratory
COMPUTER SCIENCE			
Part A			
Computer Graphics	Dr Cameron	M.W.11	Computing Laboratory
Databases	Prof. Benedikit	T.3 Th.11	Computing Laboratory
Formal Program Design	Dr Jones	M.W.F.10	Computing Laboratory
Models of Computation	Dr Hunter	W.F.12	Computing Laboratory
Object Oriented Programming	Dr Motik	T.Th. 9 (weeks 1, 3, 4, 6-8) M.5, T.9, Th.9, F.9 (week 2 only)	Computing Laboratory
MATHEMATICS & COMPUTER SCIENCE			
Part A			
Computer Graphics	Dr Cameron	M.W.11	Computing Laboratory
Databases	Prof. Benedikit	T.3 Th.11	Computing Laboratory
Formal Program Design	Dr Jones	M.W.F.10	Computing Laboratory
Models of Computation	Dr Hunter	W.F.12	Computing Laboratory
Object Oriented Programming	Dr Motik	T.Th. 9 (weeks 1, 3, 4, 6-8) M.5, T.9, Th.9, F.9 (week 2 only)	Computing Laboratory

[In addition, the lectures above for Mathematics Part A are applicable.]			
COMPUTER SCIENCE, MATHEMATICS & COMPUTER SCIENCE			
Part B			
<i>Schedule B1</i>			
Computer Graphics	Dr Cameron	M.W.11	Computing Laboratory
Databases	Prof. Benedikit	T.3 Th.11	Computing Laboratory
Formal Program Design	Dr Jones	M.W.F.10	Computing Laboratory
<i>Schedule B2</i>			
Computer Aided Formal Verification	Prof. Melham	T.11–1 (weeks 1-4 and 6–8) F.3–5 (week 5 only)	Computing Laboratory
Geometric Modelling	Dr Pitt-Francis	M.2, Th.12	Computing Laboratory
Intelligent Systems I	Dr Motik	T.Th.10 (weeks 1, 3, 4, 6–8) T.10,Th.10, Th.5, F.5 (week 2 only)	Computing Laboratory
Lambda Calculus and Types	Dr Tzevelekos	M.3, W. 5	Computing Laboratory
<i>Schedule B3</i>			
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.			
Part C			
<i>Schedule C1</i>			
Categories Proofs and Processes	Dr Doering	T.4–6, Th.12	Computing Laboratory
Computational Linguistics	Prof. Pulman	M.Th.4	Computing Laboratory
Computer Animation	Dr Cameron	T.Th.3 F.3 (weeks 1–4)	Computing Laboratory
Probabilistic Model Checking	Dr Parker	T.W.2 W.3 (weeks 1–4)	Computing laboratory
Probability and Computing	Dr Worrell	M.2, W.F.4 (F.4 in weeks 2, 4, 6, 8)	Computing Laboratory
Program Analysis	Prof. de Moor	T.Th.3, F.2	Computing Laboratory
MATHEMATICS AND PHILOSOPHY			
Moderations			
Mathematics:			
A&B: Introduction to Pure Mathematics (Week 1)	Dr Knight	M.11, T.12, T.3, W.2, F.12 (week 1 only)	University Museum
A&B: Introduction to Pure Mathematics (Week 2)	Dr Knight	Th.4, F.9, F.3 (week 2 only)	University Museum
B: Introduction to Complex Numbers	Dr Szendroi	Th.F.11 (week 1 only)	University Museum

A: Linear Algebra I	Dr Erdmann	M.11, F.12 (weeks 2–8)	University Museum
A: Geometry I	Dr Szendroi	T.12 (weeks 2–4) Th.12 (weeks 1–4)	University Museum
B: Analysis I	Dr Earl	Th.F.11 (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.]			
Philosophy:			
General Philosophy	Dr Millican	W.12	Examination Schools
Introduction to Logic	Dr Halbach	M.12	Examination Schools
Part A Mathematics:			
Algebra	Dr Papazoglou & Dr Stewart	M.3, T.4, Th.2	University Museum
Analysis	Dr Qian	T.10, W.9, F.10	University Museum
[These lectures are for compulsory subjects]			
Part B Mathematics			
B1a Logic	Dr Koenigsmann	W.11 [L2].Th.9[L1]	Mathematical Institute, L2 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.]			
Part B Philosophy:			
101 History of Philosophy: Descartes	Dr Mander	M.10	10 Merton Street
101 History of Philosophy: Hume	Dr Millican	Th.10	Examination Schools
102 Knowledge and Reality: Epistemology	Prof. Hawthorne	W.2	Examination Schools
102 Knowledge and Reality: Metaphysics	Dr Dorr	T.2	Examination Schools
122 Philosophy of Mathematics	Dr Paseau	W.10	10 Merton Street
[For further Philosophy lectures, please consult the Philosophy lecture list]			
Part C Mathematics: Logic			
C1.1a Gödel’s Incompleteness Theorems	Dr Isaacson	T.W.12	Philosophy Faculty
C1.2a Analytic Topology	Dr Suabedissen	M.T.9	Mathematical Institute, L3
[See Philosophy list for Philosophy subjects which may be offered.]			
MATHEMATICS AND STATISTICS			
Moderations			
The Lectures above for MATHEMATICS Moderations all apply.			
Part A			

The lectures above for Mathematics Part A, on the compulsory subjects of Algebra, Analysis, and Differential Equations, all apply.			
Part B			
BS1a Applied Statistics I	Dr Nicholls	M.3 T.11 (weeks 2–8) T.4 (week 1 only)	Department of Statistics
BS2a Foundations of Statistical Inference	Prof. Griffiths	M.W.11	Department of Statistics
BS3a Applied Probability	Dr Laws	M.4,W.2	Mathematical Institute, L1
BS4a Actuarial Science	Mr Clarke	T.12. W.5	Mathematical Institute, L1
[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, C5.1.]			
Part C			
MS1a Graphical Models and Inference	Prof. Lauritzen	W.12, F. 11	Department of Statistics
MS2a Bioinformatics and Computational Biology	Prof. Hein	T.11, W.9	Computing Laboratory
[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, 12 October), unless otherwise stated in this column. Events take place every Week of Full Term (Weeks 1-8) unless otherwise stated.