MATHEMATICAL SCIENCES

DIVISION OF MATHEMATICAL AND PHYSICAL SCIENCES

Lecture List for Hilary 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 1 February 2011

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

Subject	*Lecturer*	*Time**	*Place*
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
Applied Dynamical Systems and Inverse Problems	Dr Moroz	T.11-12.30 (weeks 2–8)	Mathematical Institute, DHSR3
Aspects of Mathematical Foundations of Physics	Prof. Zilber	F.4	Mathematical Institute L3 [week 7, DHSR2]
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, Ground Floor Seminar Room, Gibson Building
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 7, Gibson Building Ground Floor Seminar Room]
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
Junior Geometric Group Theory	Mr Hume	W.4	Mathematical Institute, SGSR2
Junior Geometry and Topology Seminar	Miss Buzano	Th.1-2.30	Mathematical Institute, SGSR1
Junior Logic	Mr Anscombe	T.2	Mathematical Institute, Higman Room [week 3], T14 [weeks 4–8]

Junior Number Theory	Prof. Heath-Brown	M.4	Mathematical Institute, SGSR1
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, L2
Mathematical Finance Internal Seminar	Various	Th.1	Mathematical Institute, DHSR1 [week 7, L2]
Mathematical Finance Nomura	Various	F.2.15	Mathematical Institute, DHSR1 [week 7, 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	RI1.28
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 7, DHSR3]

ADVANCED CLASSES			
Algebra	Dr Craven	T.2.30-4.30	Mathematical Institute, SGSR2
Logic	Prof. Zilber	Th.11	Mathematical Institute, SGSR2
Topology	Prof. Tillmann	T.10 [SGSR1] M.11-1 (week 7 only) [SGSR2]	Mathematical Institute, SGSR1, SGSR2
GRADUATE LECTURES			
Computational Algebraic Topology	Prof. Tillmann	Th.1 (weeks 3-8)	Mathematical Institute, L3
Nonlinear Partial Differential Equations	Prof. Chen	T.4–6	Mathematical Institute. First Floor Seminar Room, Gibson Building
Schur Algebras and Related Algebras	Dr Erdmann	M.Th.10	Mathematical Institute, SGSR2
Scientific Computing for DPhil Students	Prof. Trefethen	T. F.12 (weeks 1–6)	Mathematical Institute, L2
Spectral Sequences	Dr Douglas	T.Th.11	Mathematical Institute, SGSR1
Topics in Group Theory	Prof. Segal	W.2–4	Mathematical Institute, SGSR2
An Introduction to LaTeX	Dr Schlackow	F.5 (week 1 only)	Mathematical Institute, L1
TAUGHT COURSE CENTRE[]			
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/			
M.Sc. MATHEMATICAL AND COMPUTATIONAL FINANCE[]			
C++	Dr Gyruko	T.12 [weeks 1–6, 8, DHSR1; week 7, L2] Th.10 [weeks 1–6, DHSR1; week 7, RI.0.48]	Mathematical Institute, DHSR1, L2, RI.0.48
Financial Derivatives 2	Dr Obloj	M.11 [weeks 1–6, 8, DHSR1; week 7, L3] Th.11 [weeks 1, 3–6, 8, DHSR1; week 7, RI.0.48] F.10 [week 1 only, L3]	Mathematical Institute, DHSR1, L3, RI.0.48
Numerical Methods 1	Prof. Giles	T.11 [weeks 5–6, 8, DHSR1; week 7, L2] Th.2 [DHSR1] Th.3 [week 7 only, RI.0.48] W.2 [week 8 only, DHSR1]	Mathematical Institute, DHSR1, L2, RI.0.48
Numerical Methods 2	Dr Gyruko	T.11, Th.2 (weeks 1–4)	Mathematical Institute, DHSR1
Stochastic Calculus and Fixed Income Markets	Dr Obloj	M.12 [weeks 1,3–6, 8, DHSR1; week 7, L2] M.10 [week 2 only, DHSR1] Th.12 [weeks 1, 3–6, 8, DHSR1, week 7, RI.0.48] F.11 [week 1 only, L3]	Mathematical Institute, DHSR1, L2, L3, RI.0.48.
Stochastic Control and Dynamic Asset Allocation	Prof. Zariphopoulou and Dr Monoyois	M.9 [weeks 1–6, 8 DHSR1; week 7, RI.0.48] W.9 [weeks 1–6, 8 DHSR1; week 7, L2]	Mathematical Institute, DHSR1, L2, RI.0.48
M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING[]			

CORE			
A2 Applied Partial Differential Equations	Dr Howell	M.12, T.11	Mathematical Institute, L1
A2 Further Applied Partial Differential Equations	Dr Moroz	W.12	Mathematical Institute, L3
B2 Finite Element Methods for Partial Differential Equations	Dr Wathen	T.Th.4	Mathematical Institute, L1
Case Studies in Mathematical Modelling	Dr Muench	W.2 (week 1 only) W.2–4 (weeks 7–8)	Mathematical Institute, L3
Case Studies in Scientific Computing	Dr Gillow	T.2 (week 1only)	Mathematical Institute, DHSR3
An Introduction to LaTeX	Dr Schlackow	F.5 (week 1 only)	Mathematical Institute, L1
SPECIAL TOPICS[]			
Applied Complex Variables	Dr Oliver	T.10 [L3] Th11. [L1]	Mathematical Institute, L3, L1
Continuous Optimisation	Dr Hauser	M.4, W.10	Mathematical Institute, L1
Elasticity and Plasticity	Prof. Goriely	T.F.3	Mathematical Institue, L1
Mathematical Models of Financial Derivatives	Dr Jin	M.10, T.9	Mathematical Institute, L1
Mathematical Physiology	Prof. Maini	M.Th.9	Mathematical Institute, L1
Nonlinear Systems	Dr Porter	M.W.11	Mathematical Institute, L1
Numerical Solution of Differential Equations II	Dr Wathen	Th.10, F.2	Mathematical Institute, L1
Stochastic Modelling of Biological Processes	Dr Erban	M.Th.3 (weeks 1–6)	Mathematical Institute, DHSR3
Waves and Compressible Flow	Dr Shipley	M. 2, F.9	Mathematical Institute, L2
M.Sc IN COMPUTER SCIENCE			
Schedule A			
Compilers	Dr Spivey	M.W.10	Computing Laboratory
Concurrency	Prof. Roscoe	M.12 (weeks 2–8) M. 2 (week 1 only) Th.11	Computing Laboratory
Concurrent Programming	Dr Lowe	T.F.12(weeks 1–7) Th.12 (weeks 1 & 2)	Computing Laboratory
Schedule B			
Computational Complexity	Dr Kreutzer	M.3 (week 2 only) T.9 (weeks1–4, 6–8) Th.3 (week 6 only) F.10 (weeks 1–2, 4–8)	Computing Laboratory
Computer Security	Dr Baltag	M.W.3 (weeks1, 3–8) F.2 (weeks 4 & 5)	Computing Laboratory
Knowledge Representation & Reasoning	Dr Cuenca Grau	T.11, Th.9	Computing Laboratory
Machine Learning	Dr Blunsom	W.2, F.11	Computing Laboratory

Reasoning about Information Update	Dr Sadrzadeh	M.4–6	Computing Laboratory
Schedule C			
Automata, Logic and Games	Prof. Ong	T.Th.2 W. 11 (weeks 1 & 3) W.11–1 (week 2 only)	Computing Laboratory
Database System Implementation	Dr Olteanu	T.10 (weeks 1–3) W.12 (weeks 1–5, 7–8) Th.10 (weeks 1–5, 7–8) F.2 (weeks 1–3)	Computing Laboratory
Information Retrieval	Mr Harrington	Th.3 (weeks 1–4) F.3–5	Computing Laboratory
Quantum Computer Science	Dr Doering	W.4–6, F.5	Computing Laboratory
Requirements	Dr Jirotka	W.11 Th.4–6	Computing Laboratory
Software Verification	Ms Alglave	T.Th.12	Computing Laboratory
Theory of Data and Knowledge Basis	Dr Lukasiewicz	T.3, W.9	Computing Laboratory
M.Sc IN MATHEMATICS AND THE FOUNDATIONS OF COMPUTER SCIENCE			
Section A: Mathematical Foundations			
Schedule I			
Algebraic Number Theory	Prof. Flynn	M.2, T.5	Mathematical Institute, L1
Axiomatic Set Theory	Prof. Zilber	M.W.3	Mathematical Institute, L1
Group Theory	Prof. Collins	W.9, F.12	Mathematical Institute, L1
Model Theory	Dr Koenigsmann	W.10 [SGSR1] F.9 [L3]	Mathematical Institute, SGSR1, L3
Schedule II			
Building Infinite Groups	Prof. Wilson	T.9, T4.	Mathematical Institute, SGSR1
Section B: Applicable Theories			
Schedule I			
Computational Complexity	Dr Kreutzer	M.3 (week 2 only) T.9 (weeks1–4, 6–8) Th.3 (week 6 only) F.10 (weeks 1–2, 4–8)	Computing Laboratory
Concurrency	Prof. Roscoe	M.12 (weeks 2–8) M. 2 (week 1 only) Th.11	Computing Laboratory
Reasoning about Information Update	Dr Sadrzadeh	M.4–6	Computing Laboratory
Schedule II			
Automata, Logic and Games	Prof. Ong	T.Th.2 W. 11 (weeks 1 & 3) W.11–1 (week 2 only)	Computing Laboratory
Elliptic Curves	Prof. Heath-Brown	M.10, Th.9	Mathematical Institute, L3
Probabilistic Combinatorics	Prof. Riordan	Th.3, F.11	Mathematical Institute, L1
Quantum Computer Science	Dr Doering	W.4–6, F.5	Computing Laboratory

Representation Theory of Symmetric Groups	Dr Danz	M.Th.11	Mathematical Institute, L3 [M.11 week 7- SGSR1]
MATHEMATICS			
Moderations			
A: Linear Algebra	Dr Neumann	T.Th.11 (weeks 1–4)	University Museum
A: An Introduction to Groups, Rings and Fields	Prof. Priestley	M.12,T.11 (weeks 5–8)	University Museum
B: Analysis II:	Dr Dyson	Th.F.12	University Museum
C: Probability	Dr Marchini	M.T.12 (weeks 1–4)	University Museum
D: Fourier Series and Two Variable Calculus	Dr Baker	M.11, W.12	University Museum
D: Partial Differential Equations in Two Dimensions and Applications	Dr Day	W.F.11	University Museum
D: Statistics	Prof. Donnelly	T.12, Th.11 (weeks 5–8)	University Museum
MuPAD	Dr Wilkins	M.2 (weeks 1 & 3)	University Museum
Part A			
Introduction to Fields	Dr Kremnizer	T.11, W.9 (weeks 1–4)	Mathematical Institute, L2
Group Theory	Dr Szendroi	Th.2 [L2], F.4 [L1] (weeks 5–8)	Mathematical Institute, L2, L1
Integration	Prof. Etheridge	W.F.11	Mathematical Institute, L2
Topology	Prof. Lackenby	T.Th.3	Mathematical Institute, L2
Calculus of Variations	Prof. Tod	M.W.10 (weeks 1–4)	Mathematical Institute, L2
Classical Mechanics	Prof. Tod	M.W.10 (weeks 5–8)	Mathematical Institute, L2
Quantum Theory	Dr Sparks	Th.12	Mathematical Institute, L2
Fluid Dynamics and Waves	Dr Howell	M.4, T.2	Mathematical Institute, L2
Probability	Dr Steinsaltz	T.Th.10	Mathematical Institute, L2
Statistics	Dr Laws	M.W.3	Mathematical Institute, L2
Numerical Analysis	Prof. Süli	T.Th.9	Mathematical Institute, L2
Careers in Maths	Careers Service	M.4–6 (week 4 only)	Mathematical Institute, L1
Part B			
B1b Set Theory	Dr Pila	M.11, W.12	Mathematical Institute, L2
B2b Group Theory	Prof. Collins	W.9, F.12	Mathematical Institute, L1
B3b Algebraic Curves	Prof. Joyce	W.10 [L3] Th.11 [L2]	Mathematical Institute, L2, L3
B4b Hilbert Spaces	Prof. Batty	T.Th.12	Mathematical Institute, L1
B5b Applied Partial Differential Equations	Dr Howell	M.12, T.11	Mathematical Institute, L1

B6b Waves and Compressible Flow	Dr Shipley	M. 2, F.9	Mathematical Institute, L2
B7.2b Special Relativity and Electromagnetism	Dr de la Ossa	M.9, Th.10	Mathematical Institute, L3
C7.1b Quantum Theory and Quantum Computers	Dr Hannabuss	T.Th.2	Mathematical Institute, L1
B8b Nonlinear Systems	Dr Porter	M.W.11	Mathematical Institute, L1
B9b Algebraic Number Theory	Prof. Flynn	M.2, T.5	Mathematical Institute, L1
B10b Mathematical Models of Financial Derivatives	Dr Jin	M.10, T.9	Mathematical Institute, L1
B21b Numerical Solutions of Differential Equations II	Dr Wathen	Th.10, F.2	Mathematical Institute, L1
O1 History of Mathematics	Dr Stedall	M.3-5	Mathematical Institute, SGSR2
OBS1b Applied Statistics	Dr Meinshausen	Th.F.11 (weeks 1–5)	Department of Statistics
OBS3b Statistical Lifetime-Models	Dr Burke	T.4 [L2] W.2 [L1]	Mathematical Institute, L1, L2
OBS4b Actuarial Science II	Dr Winkel	M.9 [L2] T.10 [L1]	Mathematical Institute, L1, L2
OCS1b Design and Analysis of Algorithms	Dr Nickau	T.F.10	Computing Laboratory
N101: History of Philosophy: Locke and Berkeley	Dr Avramides	T.10	Examination Schools
N101: History of Philosophy: Spinoza and Leibniz	Dr Mander	M.10	Faculty of Philsophy, 10 Merton Street
*An Introduction to LaTeX	Dr Schlackow	F.5 (week 1 only)	Mathematical Institute, L1
*Projects: Some points and reminders about writing mathematics	Prof. Heath-Brown	F.10 (week 4 only)	Mathematical Institute, L1
Careers in Maths	Careers Service	M.4–6 (week 4 only)	Mathematical Institute, L1
*These lectures will be useful to students offering an Extended Essay or Dissertation.			
Part C			
C1.1b Model Theory	Dr Koenigsmann	W.10 [SGSR1] F.9 [L3]	Mathematical Institute, SGSR1, L3
C1.2b Axiomatic Set Theory	Prof. Zilber	M.W.3	Mathematical Institute, L1
C2.2 Building Infinite Groups	Prof. Wilson	T.9, T4.	Mathematical Institute, SGSR1
C3.1b Algebraic Topology	Prof. Lackenby	T.11, Th.12	Mathematical Institute, L3
C4.1b Banach and C*-algebras	Dr Edwards	W.12 [L1] F.12 [L3]	Mathematical Institute, L1, L3
C5.1b Fixed Point Methods for Nonlinear PDEs	Prof. Niethammer	M.T.12	Mathematical Institute, SGSR1
C5.2b Calculus of Variations	Prof. Seregin	M.2 [SGSR1] W.9 [L3]	Mathematical Institute, SGSR1, L3

C6.1b Elasticity and Plasticity	Prof. Goriely	T.F.3	Mathematical Institue, L1
C6.3b Applied Complex Variables	Dr Oliver	T.10 [L3] Th11. [L1]	Mathematical Institute, L3, L1
C7.1b Quantum Theory and Quantum Computers	Dr Hannabuss	T.Th.2	Mathematical Institute, L1
C7.4b Theoretical Physics II	Prof. Chalker, Prof. Essler & Prof. Lucas	M.9, W.10 Th. 10 (weeks 1–2)	Department of Physics
C8.1b Mathematical Physiology	Prof. Maini	M.Th.9	Mathematical Institute, L1
C9.1b Elliptic Curves	Prof. Heath-Brown	M.10, Th.9	Mathematical Institute, L3
C10.1b Brownian Motion in Complex Analysis	Dr Cass	Th.10, F.2	Mathematical Institute, SGSR1
C11.1b Probabilistic Combinatorics	Prof. Riordan	Th.3, F.11	Mathematical Institute, L1
C12.1b Continuous Optimisation	Dr Hauser	M.4, W.10	Mathematical Institute, L1
C12.2b Finite Element Methods for Partial Differential Equations	Dr Wathen	T.Th.4	Mathematical Institute, L1
MS1b Statistical Data Mining	Dr Meinshausen	M.T.11	Department of Statistics
MS2b Stochastic Models in Mathematical Genetics	Dr Myers	M.3, W.11	Department of Statitics
CCS3b Quantum Computer Science	Dr Doering	W.4–6, F.5	Computing Laboratory
CCS4b Automata, Logics and Games	Prof. Ong	T.Th.2 W. 11 (weeks 1 & 3) W.11–1 (week 2 only)	Computing Laboratory
The Original Authorities for the Rise of Modern Logic	Dr Isaacson	T.10, W.10	Faculty of Philosophy, 10 Merton Street
*An Introduction to LaTeX	Dr Schlackow	F.5 (week 1 only)	Mathematical Institute, L1
*Projects: Some points and reminders about writing mathematics	Prof. Heath-Brown	F.10 (week 4 only)	Mathematical Institute, L1
Careers in Maths	Careers Service	M.4–6 (week 4 only)	Mathematical Institute, L1
*These lectures will be useful to students offering an Extended Essay or Dissertation.			
"Extra" Part C subjects			
C2.1b Representation Theory of Symmetric Groups	Dr Danz	M.Th.11	Mathematical Institute, L3
COMPUTER SCIENCE			
Moderations			
CS1 Design and Analysis of Algorithms	Dr Nickau	T.F.10	Computing Laboratory
CS2 Imperative Programming I	Dr Spivey	T.Th.9	Computing Laboratory
CS3 Linear Algebra	Dr Kay	M.W.10 (weeks 1–4)	Computing Laboratory

CS4 Logic and Proof	Dr Kreutzer	M.9 (weeks 1–3, 5–8) Th. 4 (week 2 only) F.9	Computing Laboratory
CS4 Digital Systems	Dr Jones	M.W.10 (weeks 5–8)	Computing Laboratory
Probability	Dr Marchini	M.T.12 (weeks 1–4)	University Museum
MATHEMATICS AND COMPUTER SCIENCE			
Moderations			
CS1 Design and Analysis of Algorithms	Dr Nickau	T.F.10	Computing Laboratory
CS2 Imperative Programming I	Dr Spivey	T.Th.9	Computing Laboratory
Linear Algebra	Dr Neumann	T.Th.11 (weeks 1–4)	University Museum
Probability	Dr Marchini	M.T.12 (weeks 1–4)	University Museum
An Introduction to Groups, Rings and Fields	Prof. Priestley	M.12,T.11 (weeks 5–8)	University Museum
Analysis II	Dr Dyson	Th.F.12	University Museum
COMPUTER SCIENCE			
Part A			
Advanced Data Structures and Algorithms	Dr Worrell	T.Th.10	Computing Laboratory
Compilers	Dr Spivey	M.W.10	Computing Laboratory
Concurrency	Prof. Roscoe	M.12 (weeks 2–8) M. 2 (week 1 only) Th.11	Computing Laboratory
Concurrent Programming	Dr Lowe	T.F.12(weeks 1–7) Th.12 (weeks 1 & 2)	Computing Laboratory
Group Project Briefings	Prof. Jeavons	W.12 (weeks 4–8)	Computing Laboratory
MATHEMATICS & COMPUTER SCIENCE			
Part A			
Concurrency	Prof. Roscoe	M.12 (weeks 2–8) M. 2 (week 1 only) Th.11	Computing Laboratory
Logic and Proof	Dr Kreutzer	M.9 (weeks 1–3, 5–8) Th. 4 (week 2 only) F.9	Computing Laboratory
Group Project Briefings	Prof. Jeavons	W.12 (weeks 4–8)	Computing Laboratory
[In addition, the lectures above for Mathematics Part A are applicable.]			
COMPUTER SCIENCE, MATHEMATICS & COMPUTER SCIENCE			
Part B			
Schedule B1			
Advanced Data Structures and Algorithms	Dr Worrell	T.Th.10	Computing Laboratory
Compilers	Dr Spivey	M.W.10	Computing Laboratory

Concurrent Programming	Dr Lowe	T.F.12(weeks 1–7) Th.12 (weeks 1 & 2)	Computing Laboratory
Schedule B2			
Computational Complexity	Dr Kreutzer	M.3 (week 2 only) T.9 (weeks1–4, 6–8) Th.3 (week 6 only) F.10 (weeks 1–2, 4–8)	Computing Laboratory
Computer Security	Dr Baltag	M.W.3 (weeks1, 3–8) F.2 (weeks 4 & 5)	Computing Laboratory
Knowledge Representation & Reasoning	Dr Cuenca Grau	T.11, Th.9	Computing Laboratory
Machine Learning	Dr Blunsom	W.2, F.11	Computing Laboratory
Reasoning about Information Update	Dr Sadrzadeh	M.4–6	Computing Laboratory
Schedule B3			
Lectures under Mathematics Part B: B1, B2, B4, B5, B9 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			
Schedule C1			
Automata, Logic and Games	Prof. Ong	T.Th.2 W. 11 (weeks 1 & 3) W.11–1 (week 2 only)	Computing Laboratory
Database System Implementation	Dr Olteanu	T.10 (weeks 1–3) W.12 (weeks 1–5, 7–8) Th.10 (weeks 1–5, 7–8) F.2 (weeks 1–3)	Computing Laboratory
Information Retrieval	Mr Harrington	Th.3 (weeks 1–4) F.3–5	Computing Laboratory
Quantum Computer Science	Dr Doering	W.4–6, F.5	Computing Laboratory
Requirements	Dr Jirotka	W.11 Th.4–6	Computing Laboratory
Software Verification	Ms Alglave	T.Th.12	Computing Laboratory
Theory of Data and Knowledge Bases	Dr Lukasiewicz	T.3, W.9	Computing Laboratory
MATHEMATICS AND PHILOSOPHY			
Moderations			
Mathematics:			
A: Linear Algebra II	Dr Neumann	T.Th.11 (weeks 1–4)	University Museum
A: An Introduction to Groups, Rings and Fields	Prof. Priestley	M.12, T.11 (weeks 5–8)	University Museum
B: Analysis II:	Dr Dyson	Th.F.12	University Museum
[Papers A and B are compulsory papers for Honour Moderations in Mathematics and Philosophy.]			
Philosophy:			
General Philosophy	Dr Spener	W.12	Examination Schools

Elements of Deductive Logic	Dr Crivelli	T.12	Faculty of Philosophy, 10 Merton Street
Part A Mathematics:			
Introduction to Fields	Dr Kremnizer	T.11, W.9 (weeks 1–4)	Mathematical Institute, L2
Group Theory	Dr Szendroi	Th.2 [L2], F.4 [L1] (weeks 5–8)	Mathematical Institute, L2, L1
Integration	Prof. Etheridge	W.F.11	Mathematical Institute, L2
Topology	Prof. Lackenby	T.Th.3	Mathematical Institute, L2
Part B Mathematics			
B1b Set Theory	Dr Pila	M.11, W.12	Mathematical Institute, L2
[These lectures are for the compulsory subject "Foundations". Other courses listed under mathematics Part B can be taken: B2, B3, B4, B9, N1, O1.]			
Part B Philosophy:			
N101: History of Philosophy: Locke and Berkeley	Dr Avramides	T.10	Examination Schools
N101: History of Philosophy: Spinoza and Leibniz	Dr Mander	M.10	Faculty of Philosophy, 10 Merton Street
[For further Philosophy lectures, please consult the Philosophy lecture list]			
Part C Mathematics: Logic			
C1.1b Model Theory	Dr Koenigsmann	W.10 [SGSR1] F.9 [L3]	Mathematical Institute, SGSR1, L3
C1.2b Axiomatic Set Theory	Prof. Zilber	M.W.3	Mathematical Institute, L1
[See Philosophy list for Philosophy subjects which may be offered.]			
MATHEMATICS AND STATISTICS			
Moderations			
The Lectures above for MATHEMATICS Moderations all apply.			
Part A			
Graph Theory	Dr Massa	W.2, F.10 (weeks 1–4)	Mathematical Institute, L2
Statistical Programming	Dr Marchini	F.2-4 (weeks 3–8)	Oxford University Computing Service, Banbury Road
In addition, the lectures above for Mathematics Part A apply			
Part B			
BS1b Applied Statistics	Dr Meinshausen	Th.F.11 (weeks 1–5)	Department of Statistics
BS3b Statistical Lifetime-Models	Dr Burke	T.4 [L2] W.2 [L1]	Mathematical Institute, L1, L2
BS4b Actuarial Science II	Dr Winkel	M.9 [L2] T.10 [L1]	Mathematical Institute, L1, L2
[Other courses listed under Mathematics Part B can be taken: B1, B2, B3, B4, B5, B6, B7.2, B8, B9, B10, B21.]			

Part C			
MS1b Statistical Data Mining	Dr Meinshausen	M.T.11	Department of Statistics
MS2b Stochastic Models in Mathematical Genetics	Dr Myers	M.3, W.11	Department of Statitics
[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, 16 January), unless otherwise stated in this column. Events take place every week of Full Term (Weeks 1-8) unless otherwise stated.