

MATHEMATICAL SCIENCES

DIVISION OF MATHEMATICAL AND PHYSICAL SCIENCES

Lecture List for Hilary Term 2009

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 25 November 2008

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

<i>Subject</i>	<i>Lecturer</i>	<i>Time*</i>	<i>Place</i>
GRADUATE SEMINARS			
Algebra	Prof M J Collins, Prof Rouquier and Prof D Segal	T.5	Mathematical Institute, L2
Algebraic and Symplectic Geometry	Prof Joyce	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	Th.11-12.30	Mathematical Institute, DHSR3
Combinatorial Theory	Prof McDiarmid and Prof Scott	T. 2.30 – 3.45 [L3], T. 4.30 [SR1]	Mathematical Institute, L3, SR 1.
Computational Mathematics & Applications	Prof Trefethen and Dr Dollar (RAL)	Th.2	Computing Laboratory
Computing Laboratory Seminar	Prof Gottlob	T.4.30	Computing Laboratory
Differential Equations and Applications	Prof Howison, Prof J Ockendon and Prof Chapman	Th.4.30[DHSR1] (wks 1, 2, 4, 5, 6, 8) Th.4.30[Gibson Building 2nd floor Common Room] (wks 3, 7)	Mathematical Institute, DHSR1, Gibson Building
Functional Analysis	Prof Batty	T.5	Mathematical Institute, L3
Geometry and Analysis	Prof Hitchin	M.2.15	Mathematical Institute, L3
Geophysical and Nonlinear Fluid Dynamics	Prof Read and Dr Moroz	T.4.30	Atmospheric Physics, Dobson Room
Junior Applied Mathematics	Mr Wood	F. 4.30 (<i>weeks 2,4,6,8</i>)	Mathematical Institute, DHSR3
Junior Number Theory	Prof Heath-Brown	M.4	Mathematical Institute, SR1
Junior Geometry and	Mr Rayan	Th.12-2	Mathematical Institute, SR1

Topology Seminar			
Junior Logic	Mr Solanki	M. 3	Mathematical Institute, SR1
Logic	Prof Zilber, Dr Koenigsmann and Dr Kirby	Th.5	Mathematical Institute, L3
Mathematical Behavioural Finance	Prof Zhou	W.3	Oxford-Man Institute of Quantitative Finance, Blue Boar Court.
Mathematical Biology	Prof Maini, Dr Baker and Dr Gaffney	F.2	Mathematical Institute, L3
Nomura Seminar Series (Mathematical Finance)	Prof Zhou	F.2.15-3.30 [DHSR1] (wks 1, 2, 4, 5, 6, 8) F.2.15-3.30 [DHSR3] (wks 3, 7)	Mathematical Institute, DHSR1, DHSR3
Mathematical Genetics and Bioinformatics	Dr Spencer	T.4.30	Oxford Centre for Gene Function, Seminar Room
Mathematical Geoscience	Dr Fowler & Dr Norbury	F.2.30 (<i>wks 2,4,6,8</i>)	Mathematical Institute, DHSR3
String theory discussion seminar	Dr de la Ossa	W.12	Mathematical Institute, F20
Number Theory	Prof Heath-Brown	Th.4	Mathematical Institute, L3
Oxford Advanced Seminar on Informatic Structures (OASIS)	Dr Sadrzadeh	F.2	Computing Laboratory
Partial Differential Equations	Dr Capdeboscq	M.5	Gibson Seminar Room
Quantum Field Theory	Dr Hannabuss and Dr Tsou	T.12	Mathematical Institute, L3
Relativity	Prof Chrusciel	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 (<i>weeks 1,3,4,5,6</i>)	Statistics Department
Statistics Graduate Seminar	Prof Reinert and Prof Sir David Cox	Th.3.45 (<i>weeks 1,3,4,5,6</i>)	Statistics Department
Statistics General Seminar	t.b.c.	Th.2.15 (<i>weeks 2,8</i>)	Statistics Department
Statistics Graduate Student Presentations	Dr Clifford	Th. 2.15 (<i>week 7</i>)	Statistics Department
Stochastic Analysis	Prof Lyons	M.2.15-3.45, 3.45-5.00	Oxford-Man Institute of Quantitative Finance, Blue Boar Court.
Stochastic Analysis Working Seminar	Prof Lyons	T. 11-1	Oxford-Man Institute of Quantitative Finance, Blue Boar Court.

String Theory	Prof Candelas and Dr de la Ossa	M.12	Mathematical Institute, L3
Topology	Prof Tillmann and Prof Lackenby	M.3.45	Mathematical Institute, L3

WORKSHOPS			
Industrial and Interdisciplinary Workshops	Dr Breward, Dr Gower	F.9-2 (<i>exact times vary</i>)	Mathematical Institute, DHSR1 (wks 1, 2, 4, 5, 6, 8) DHSR3 (wks 3, 7)
ADVANCED CLASSES			
Algebra	Dr Craven	T.3-430	Mathematical Institute, SR1
Logic	Prof Zilber	Th.11	Mathematical Institute, SR1
Representation Theory	Prof Rouquier	W.5	Mathematical Institute, L2
GRADUATE LECTURES			
Topics in Group Theory	Prof D. Segal	W. 2-4	Mathematical Institute, SR1
Quantum Field Theory	Prof G. Segal	W.Th.10	Mathematical Institute, SR1
Scientific computing for DPhil Students	Prof Trefethen	T.F.12	Computing Laboratory
Double Affine Hecke Algebras	Prof Rouquier	F. 2-4	Mathematical Institute, L2
Computing with Finitely Presented Groups	Prof Vaughan-Lee	T.10, W.11	Mathematical Institute, L3
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			
Further Statistical Methods	Prof Snijders	M. 3-5 (wks 2, 4), T. 9-11 (wk 6), Th. 9-11 (wks 4, 6)	Statistics Department
Combinatorial Optimisation	Prof McDiarmid	M.W.10 (wks 1-6)	Statistics Department
Time Series	Prof Reinert	M.F.11 (wks 1-4)	Statistics Department
Computer Intensive Studies	Dr Clifford	F.10 (wks 1-6)	Statistics Department

M.Sc. MATHEMATICAL AND COMPUTATIONAL FINANCE			
Levy Processes and Finance	Dr Winkel	M.T.10	Mathematical Institute, L2
Stochastic Calculus and Fixed Income Markets	Dr Hambly	M.W. 11	Dartington House, DHSR1 (wks 1, 2, 4, 5, 6, 8), DHSR3 (wks 3, 7)
Financial Derivatives 2	Dr Obloj	T.Th.11 (wks 1-6,8) T.11, Th. 10 (wk 7)	Dartington House, DHSR1 (wks 1, 2, 4, 5, 6, 8), DHSR3 (wks 3, 7)
Numerical Methods 1	Dr Reisinger	T.Th. 2 (wks 5-8)	Dartington House, DHSR1 (wks 5, 6, 8), DHSR3 (wk 7)
Numerical Methods 2	Prof Giles	T.Th. 2 (wks 1-4)	Dartington House, DHSR1 (wks 1, 2, 4), DHSR3 (wk 3)
Stochastic Control and Dynamic Asset Allocation	Prof Zhou	M.Th. 9	Dartington House, DHSR1 (wks 1, 2, 4, 5, 6, 8), DHSR3 (wks 3, 7)
M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING			
CORE			
A2 Applied Partial Differential Equations	Dr Norbury	M.12, Th. 5	Mathematical Institute, L2
A2 Further Applied Partial Differential Equations	Dr Porter	M.2, T.3 [SR2] (wks 4-5) M.2 [SR2], T.3[L2] (wk 6) M.2, T.3 [L2] (wk 7)	Mathematical Institute, SR2, L2
B2 Finite Element Methods for Partial Differential Equations	Dr Wathen	T.12, Th. 9	Computing Laboratory
Case Studies in Mathematical Modelling	Dr Oliver	Th. 3-5	Mathematical Institute, SR2
Case Studies in Scientific Computing	Dr K. Gillow	T.10, F.9	Computing Laboratory
SPECIAL TOPICS			
Waves and Compressible Flow	Dr Whittaker	T.9, W.4	Mathematical Institute, L2
Nonlinear Systems	Dr Moroz	T.Th. 2	Mathematical Institute, L1
Mathematical Models of Financial Derivatives	Dr Jin	M.5[L1], W.12[L2]	Mathematical Institute, L1, L2
Numerical Solution of Differential Equations II	Dr Sobey	W.9, Th.12	Computing Laboratory

Elasticity and Plasticity	Dr Majumdar	T.4[L1], F.4[L3]	Mathematical Institute, L1, L3
Applied Complex Variables	Prof Chapman	Th.11, F.2	Mathematical Institute, L1
Mathematical Physiology	Prof Maini	M.3, F.10	Mathematical Institute, L2
Continuous Optimisation	Dr Ortner	T.11, Th.10	Computing Laboratory
Mathematical Methods for Signal Processing	Dr Orphanidou, Dr Drobnjak	M.4, F.3 (wks 1-6)	Mathematical Institute, L1
Solution of Large Sparse Equations	Prof Duff, Dr Scott	F.11-1 (wks 1-6)	Computing Laboratory
M.Sc IN COMPUTER SCIENCE			
Compilers	Prof Kwiatkowska	M.11(wks 1, 2, 3, 4, 6, 7, 8) W. 11(wks 1, 2, 4, 5, 6, 7, 8) F.11 (wks 1, 3)	Computing Laboratory
Concurrent Programming	Prof Lowe	M.12, T.Th.10 (wks 1, 2) T.Th.10 (wks 3-7)	Computing Laboratory
Lambda Calculus and Types	Dr Ker	M.3, W.F.5 (wks 2,3) M.3, W.5 (wks 4-8)	Computing Laboratory
Intelligent Systems II	Dr Baltag	T.Th.2	Computing Laboratory
Logic of Multi-Agent Information Flow	Dr Sadrzadeh	T.Th.3	Computing Laboratory
Machine Learning	Dr Palade	F. 2-4	Computing Laboratory
Automata, Logic and Games	Prof Ong	M.W.4	Computing Laboratory
Categories, Proofs and Processes	Dr Blute	T.9 (wks 1-4), W.10, F.11	Computing Laboratory
Computer Animation	Dr Cameron	M.2 (wks 1-5), T.3, Th.3 (wks 2-8)	Computing Laboratory
Database System Implementation	Dr Olteanu	M.10 (wks 3-6), W.F. 12	Computing Laboratory
Game Semantics	Dr Murawski	M.T.12	Computing Laboratory
Program Analysis	Prof de Moor	T.Th.11, F.10	Computing Laboratory
Quantum Computer Science	Dr Coecke	M.Th.5, F.9	Computing Laboratory
Software Verification	Dr Kroening	W.2, Th.12	Computing Laboratory
Theory of Data and Knowledge Bases	Prof Gottlob	Th.F.4	Computing Laboratory

M.Sc IN MATHEMATICS AND THE FOUNDATIONS OF COMPUTER SCIENCE			
Section A: Mathematical Foundations			
<i>Schedule I</i>			
Algebraic Number Theory	Prof Heath-Brown	M.9, T.4	Mathematical Institute, L2
Axiomatic Set Theory	Prof Zilber	T.5[L1], Th.10[L2]	Mathematical Institute, L1, L2
Group Theory	Dr Grabowski	W.3, Th.9	Mathematical Institute, L2
Lambda Calculus and Types	Dr Ker	M.3, W.F.5 (wks 2,3) M.3, W.5 (wks 4-8)	Computing Laboratory
Model Theory	Dr Koenigsmann	W.9, F.10	Mathematical Institute, L3
<i>Schedule II</i>			
Representation Theory of Symmetric Groups	Dr Erdmann	W.12, Th.11	Mathematical Institute, L3
Section B: Applicable Theories			
<i>Schedule I</i>			
Categories, Proofs and Processes	Dr Blute	T.9 (wks 1-4), W.10, F.11	Computing Laboratory
Logic of Multi-Agent Information Flow	Dr Sadrzadeh	T.Th.3	Computing Laboratory
<i>Schedule II</i>			
Automata, Logic and Games	Prof Ong	M.W.4	Computing Laboratory
Computing with Finitely Presented Groups	Prof Vaughan-Lee	T.10, W.11	Mathematical Institute, L3
Elliptic Curves	Prof Flynn	M.T.2	Mathematical Institute, SR1
Game Semantics	Dr Murawski	M.T.12	Computing Laboratory
Probabilistic Combinatorics	Prof Riordan	Th.F.12	Mathematical Institute, L2
Quantum Computer Science	Dr Coecke	M.Th.5, F.9	Computing Laboratory
Theory of Data and Knowledge Bases	Prof Gottlob	Th.F.4	Computing Laboratory

MATHEMATICS			
Moderations			
A: Linear Algebra	Dr Curnock	W.12, F.11 (wks 1-4)	University Museum
A: An Introduction to Groups, Rings and Fields	Prof Priestley	W.12, F.11 (wks 5-8)	University Museum
B: Analysis II:	Dr Stewart	M.11, Th.12	University Museum
C: Probability	Dr Marchini	T.12, Th.11 (wks 1-4)	University Museum
D: Fourier Series and Two Variable Calculus	Dr Capdeboscq	M.12, W.11	University Museum
D: Partial Differential Equations in Two Dimensions and Applications	Dr Day	T.11, F.12	University Museum
D: Statistics	Prof Donnelly	T.12, Th.11 (wks 5-8)	University Museum
MAPLE	Dr Wilkins	M.2 (wk 1 only)	University Museum
Part A			
Group Theory	Dr Collins	M.W. 9 (wks 5-8)	Mathematical Institute, L1
Introduction to Fields	Dr Collins	M.W. 9 (wks 1-4)	Mathematical Institute, L1
Integration	Prof Batty	Th.F. 12	Mathematical Institute, L1
Topology	Dr Drutu	T.Th.2	Mathematical Institute, L2
Calculus of Variations	Prof Tod	T.Th.3 (wks 1-4)	Mathematical Institute, L1
Classical Mechanics	Prof Chrusciel	T.Th.3 (wks 5-8)	Mathematical Institute, L1
Electromagnetism	Dr Sparks	W.2	Mathematical Institute, L1
Fluid Dynamics and Waves	Dr Sobey	Th.9, F.11	Mathematical Institute, L1
Probability	Dr Laws	T.W.12	Mathematical Institute, L1
Statistics	Dr Myers	M.2, Th.10 (wk 1) M.2, Th.4 (wks 2-8)	Mathematical Institute, L1
Numerical Analysis	Prof Süli	T.F.9	Computing Laboratory
Part B			
B1b Set Theory	Dr Knight	T.12, W.10	Mathematical Institute, L2
B2b Group Theory	Dr Grabowski	W.3, Th.9	Mathematical Institute, L2
B3b Algebraic Curves	Prof Hitchin	T.F.11	Mathematical Institute, L2

B4b Hilbert Spaces	Prof Joyce	Th.4 [L2], F.4[L1] (wks 1-5, 7, 8) W.2[L2], Th.4[L2], F.4[L1] (wks 5, 7)	Mathematical Institute, L1, L2
B5b Applied Partial Differential Equations	Dr Norbury	M.12, Th.5	Mathematical Institute, L2
B6b Waves and Compressible Flow	Dr Whittaker	T.9, W.4	Mathematical Institute, L2
C7.1b Quantum Theory and Quantum Computers	Dr Hannabuss	M.W.11	Mathematical Institute, L1
C7.2b General Relativity I	Prof Chrusciel	M.T.10	Mathematical Institute, L1
B8b Nonlinear Systems	Dr Moroz	T.Th.2	Mathematical Institute, L1
B9b Algebraic Number Theory	Prof Heath-Brown	M.9, T.4	Mathematical Institute, L2
B10b Mathematical Models of Financial Derivatives	Dr Jin	M.5, W.12	Mathematical Institute, L2
B21b Numerical Solutions of Differential Equations II	Dr Sobey	W.9, Th.12	Computing Laboratory
B22a Integer Programming	Dr Hauser	M.2, F.11	Computing Laboratory
C3.1b Algebraic Topology	Prof Tillmann	Th.F.1	Mathematical Institute, L3
OBS1b Applied Statistics	Dr Meinshausen	T.10, Th.12 (wks 1-5)	Statistics Department
OBS2b Further Statistical Inference	Prof Lauritzen	Th.F.10	Statistics Department
OBS3b Statistical Lifetime-Models	Dr Steinsaltz	W.10, F.9	Mathematical Institute, L1
OBS4b Actuarial Science II	Mr Clarke	T.11[L1], W.9[L2]	Mathematical Institute, L1, L2
OCS1b Design and Analysis of Algorithms	Prof Ong	T.9, Th.10	Computing Laboratory
OCS3a Lambda Calculus and Types	Dr Ker	M.3, W.F.5 (wks 2,3) M.3, W.5 (wks 4-8)	Computing Laboratory
N101: History of Philosophy: Spinoza and Leibniz	Dr Walker	F.10	Exam Schools
Projects: Some points and reminders about writing mathematics	Prof Heath-Brown	F.9 (wk 4)	Mathematical Institute, L2

Part C			
C1.1b Model Theory	Dr Koenigsmann	W.9, F.10	Mathematical Institute, L3
C1.2b Axiomatic Set Theory	Prof Zilber	T.5[L1], Th.10 [L2]	Mathematical Institute, L1, L2
C2.1b Representation Theory of Symmetric Groups	Dr Erdmann	W.12, Th.11	Mathematical Institute, L3
C3.1b Algebraic Topology	Prof Tillmann	Th.F.1	Mathematical Institute, L3
C4.1b Banach and C*-Algebras	Dr Edwards	M.12[L1], T.11[L3]	Mathematical Institute, L1, L3
C5.1b Fixed Point Methods for Nonlinear PDEs	Prof Niethammer	M.4, T.9	Mathematical Institute, SR2
C5.2b Calculus of Variations	Prof Seregin	Th.2, F.9	Mathematical Institute, SR1
C6.2b Elasticity and Plasticity	Dr Majumdar	T.4[L1], F.4[L3]	Mathematical Institute, L1, L3
C6.3b Applied Complex Variables	Prof Chapman	Th.11, F.2	Mathematical Institute, L1
C7.1b Quantum Theory and Quantum Computers	Dr Hannabuss	M.W.11	Mathematical Institute, L1
C7.2b General Relativity I	Prof Chrusciel	M.T.10	Mathematical Institute, L1
C7.4b Theoretical Physics II	Prof Chalker	M.9, W.10	Physics Department
C8.1b Mathematical Physiology	Prof Maini	M.3, F.10	Mathematical Institute, L2
C9.1b Elliptic Curves	Prof Flynn	M.T.2	Mathematical Institute, SR1
C10.1b Brownian Motion in Complex Analysis	Dr Cass	Th.4, F.3	Mathematical Institute, SR1
C11.1b Probabilistic Combinatorics	Prof Riordan	Th.F.12	Mathematical Institute, L2
C12.1b Continuous Optimisation	Dr Ortner	T.11, Th.10	Computing Laboratory
C12.2b Finite Element Methods for Partial Differential Equations	Dr Wathen	T.12, Th.9	Computing Laboratory
MS1b Statistical Data Mining	Dr Meinshausen	T.2, W.12	Statistics Department
MS2b Stochastic Models in Mathematical Genetics	Prof Griffiths, Dr Taylor	M.5, T.3 (wks 1-4) M.W.2 (wks 5-8)	Statistics Department

MS3b Levy Processes and Finance	Dr Winkel	M.T.10	Mathematical Institute, L2
CCS1a Categories, Proofs and Processes	Dr Blute	T.9 (wks 1-4), W.10, F.11	Computing Laboratory
CCS3b Quantum Computer Science	Dr Coecke	M.Th.5, F.9	Computing Laboratory
CCS4b Automata, Logics and Games	Prof Ong	M.W.4	Computing Laboratory
Rise of Modern Logic	Dr Isaacson	W.11-1	10 Merton St, Lecture Room
Projects: Some points and reminders about writing mathematics	Prof Heath-Brown	F.9 (wk 4)	Mathematical Institute, L2
COMPUTER SCIENCE			
Moderations			
CS1 Design and Analysis of Algorithms	Prof Ong	T.9, Th.10	Computing Laboratory
CS2 Imperative Programming I	Dr Spivey	M.W.10	Computing Laboratory
CS3 Linear Algebra	Dr Kay	F. 9-11 (wks 1-4)	Computing Laboratory
CS4 Logic and Proof	Dr Kreutzer	M.12, Th. 9 (wks 1-4, 5-8) W.11, Th.9 (wk 5)	Computing Laboratory
Probability	Dr Marchini	T.12, Th.11 (wks 1-4)	University Museum
MATHEMATICS AND COMPUTER SCIENCE			
Moderations			
CS1 Design and Analysis of Algorithms	Prof Ong	T.9, Th.10	Computing Laboratory
CS2 Imperative Programming I	Dr Spivey	M.W.10	Computing Laboratory
Linear Algebra	Dr Curnock	W.12, F.11 (wks 1-4)	University Museum
Probability	Dr Marchini	T.12, Th.11 (wks 1-4)	University Museum
An Introduction to Groups, Rings and Fields	Prof Priestley	W.12, F.11 (wks 5-8)	University Museum
Analysis II	Dr Stewart	M.11, Th.12	University Museum
COMPUTER SCIENCE			
Part A			
Advanced Data Structures and Algorithms	Dr Worrell	W.F.12	Computing Laboratory

Compilers	Prof Kwiatkowska	M.11(wks 1, 2, 3, 4, 6, 7, 8) W. 11(wks 1, 2, 4, 5, 6, 7, 8) F.11 (wks 1, 3)	Computing Laboratory
Concurrent Programming	Prof Lowe	M.12, T.Th.10 (wks 1, 2) T.Th.10 (wks 3-7)	Computing Laboratory
Networks and Operating Systems	Dr Olteanu	M.10 (wks 1,2), T.Th.11 (wks 1-7)	Computing Laboratory
Numerical Analysis	Prof Süli	T.F.9	Computing Laboratory
MATHEMATICS & COMPUTER SCIENCE			
Part A			
CS4 Logic and Proof	Dr Kreutzer	M.12, Th. 9 (wks 1-4, 5-8) W.11, Th.9 (wk 5)	Computing Laboratory
Numerical Analysis	Prof Süli	T.F.9	Computing Laboratory
[In addition, the lectures above for Mathematics Part A are applicable.]			
COMPUTER SCIENCE, MATHEMATICS & COMPUTER SCIENCE			
Part B			
<i>Schedule B1</i>			
Advanced Data Structures and Algorithms	Dr Worrell	W.F.12	Computing Laboratory
Compilers	Prof Kwiatkowska	M.11(wks 1, 2, 3, 4, 6, 7, 8) W. 11(wks 1, 2, 4, 5, 6, 7, 8) F.11 (wks 1, 3)	Computing Laboratory
Concurrent Programming	Prof Lowe	M.12, T.Th.10 (wks 1, 2) T.Th.10 (wks 3-7)	Computing Laboratory
Networks and Operating Systems	Dr Olteanu	M.10 (wks 1,2), T.Th.11 (wks 1-7)	Computing Laboratory
Numerical Analysis	Prof Süli	T.F.9	Computing Laboratory
<i>Schedule B2</i>			
Numerical Solution of Differential Equations II	Dr Sobey	W. 9, Th. 12	Computing Laboratory
Integer Programming	Dr Hauser	M.2, F.11	Computing Laboratory
Lambda Calculus and Types	Dr Ker	M.3, W.F.5 (wks 2,3) M.3, W.5 (wks 4-8)	Computing Laboratory
Intelligent Systems II	Dr Baltag	T.Th.2	Computing Laboratory

Logic of Multi-Agent Information Flow	Dr Sadrzadeh	T.Th.3	Computing Laboratory
Machine Learning	Dr Palade	F. 2-4	Computing Laboratory
Schedule B3			
Lectures under Mathematics Part B: B1, B2, B4, B5, and 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			
Automata, Logic and Games	Prof Ong	M.W.4	Computing Laboratory
Categories, Proofs and Processes	Dr Blute	T.9 (wks 1-4), W.10, F.11	Computing Laboratory
Computer Animation	Dr Cameron	M.2 (wks 1-5), T.3, Th.3 (wks 2-8)	Computing Laboratory
Database System Implementation	Dr Olteanu	M.10 (wks 3-6), W.F.12	Computing Laboratory
Game Semantics	Dr Murawski	M.T.12	Computing Laboratory
Program Analysis	Prof de Moor	T.Th.11, F.10	Computing Laboratory
Software Verification	Dr Kroening	W.2, Th.12	Computing Laboratory
Theory of Data and Knowledge Bases	Prof Gottlob	Th.F.4	Computing Laboratory
Mathematics and Computer Science Part C: Lectures under Mathematics Part C are applicable in addition to those listed above.			
MATHEMATICS AND PHILOSOPHY			
Moderations			
Mathematics:			
A: Linear Algebra	Dr Curnock	W.12, F.11 (wks 1-4)	University Museum
A: An Introduction to Groups, Rings and Fields	Prof Priestley	W.12, F.11 (wks 5-8)	University Museum
B: Analysis II:	Dr Stewart	M.11, Th.12	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 Allen, Dr Spencer	M.12	Exam Schools
Introduction to Logic	Dr Eagle	T.12	Exam Schools
Part A Mathematics:			
Group Theory	Dr Collins	M.W. 9 (wks 5-8)	Mathematical Institute, L1
Introduction to Fields	Dr Collins	M.W. 9 (wks 1-4)	Mathematical Institute, L1

Integration	Prof Batty	Th.F. 12	Mathematical Institute, L1
Topology	Dr Drutu	T.Th.2	Mathematical Institute, L2
Graph Theory	Prof Griffiths	M. 3[L1], W.11[L2] (wks 1-4)	Mathematical Institute, L1, L2
Part B Mathematics			
B1b Set Theory	Dr Knight	T.12, W.10	Mathematical Institute, L2
[These lectures are for the compulsory subject "Foundations". Other courses listed under Mathematics Part B can be taken.]			
Part B Philosophy:			
N101: History of Philosophy: Spinoza and Leibniz	Dr Walker	F.10	Exam Schools
[For further Philosophy lectures, please consult the Philosophy lecture list]			
Part C Mathematics: Logic			
C1.1b Model Theory	Dr Koenigsmann	W.9, F.10	Mathematical Institute, L3
C1.2b Axiomatic Set Theory	Prof Zilber	T.5[L1], Th.10 [L2]	Mathematical Institute, L1, L2
[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	Prof Griffiths	M. 3[L1], W.11 {L2} (wks 1-4)	Mathematical Institute, L1, L2
In addition, the lectures above for Mathematics Part A apply.			
Part B			
BS1b Applied Statistics	Dr Meinshausen	T.10, Th.12 (wks 1-5)	Statistics Department
BS2b Further Statistical Inference	Prof Lauritzen	Th.F.10	Statistics Department
BS3b Statistical Lifetime-Models	Dr Steinsaltz	W.10, F.9	Mathematical Institute, L1
BS4b Actuarial Science II	Mr Clarke	T.11[L1], W.9[L2]	Mathematical Institute, L1, L2
[Other courses listed under Mathematics Part B can be taken.]			
Part C			
MS1b Statistical Data Mining	Dr Meinshausen	T.2, W.12	Statistics Department
MS2b Stochastic Models in Mathematical Genetics	Prof Griffiths, Dr Taylor	M.5, T.3 (wks 1-4) M.W.2 (wks 5-8)	Statistics Department

MS3b Levy Processes and Finance	Dr Winkel	M.T.10	Mathematical Institute, L2
[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, 18 January), unless otherwise stated in this column. Events take place every Week of Full Term (Weeks 1-8) unless otherwise stated.