

MATHEMATICAL SCIENCES

DIVISION OF MATHEMATICAL AND PHYSICAL SCIENCES

Lecture List for Michaelmas 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 29 October 2009

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 Graduate 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 Maths 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 T.4.30[SR2]	Mathematical Institute, L3, SR2
Computational Mathematics and 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	Mathematical Institute, DHSR1
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	Mr C Yates	F.4:30 (even weeks)	Mathematical Institute, DHSR1 [wk 8 DHSR3]
Junior Geometry and Topology Seminar	Mr D. Schlueter	Th.12-1.30	Mathematical Institute, SR1
Junior Logic	Mr W Anscombe	M.3	Mathematical Institute, SR2
Junior Number Theory	T.B.C	M.4	Mathematical Institute, SR1
Logic	Dr Koenigsmann	Th.5[Wk 1 L2] Th.5[Wk 2-8 L3]	Mathematical Institute, L2, 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, L3
Mathematical Finance	Prof Zhou	F.2:15	Mathematical Institute, DHSR1
Mathematical Genetics and Bioinformatics	Dr Myers	T.4.30	Oxford Centre for Gene Function, Seminar Room
Mathematical Geoscience	Dr Fowler & Dr Norbury	F.2:30 (even Weeks)	Mathematical Institute, DHSR3
Number Theory	Prof Heath-Brown	Th.4 [Wk 1 L2] Th.4[Wk 2-8 L3]	Mathematical Institute, L2, L3
Statistics Graduate Seminar	TBC	Th.3:45(Weeks 1.3.4.5.6)	Statistics
Stochastic Analysis	Prof Lyons	M.3:45-5	Oxford-Man Institute of Quantitative Finance, Eagle House, Walton Well Road
Topology	Prof Tillmann and Prof Lackenby	M.3:45	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
Stochastic Analysis	Prof Lyons	M.2:15-3:45	Oxford-Man Institute of Quantitative Finance, Blue Boar Court.
Representation Theory	Dr Erdmann and Dr Henke	Th.2:30 [in SR1 in Wk 1]	Mathematical Institute, L3
Statistics Applied Probability and Operational Research	TBC	Th.2:15 (Weeks 1.3.4.5.6)	Statistics Department
Statistics General Seminar	Prof Reinert and Prof Sir David Cox	Th.2:15 (Weeks 2 & 8)	Statistics Department
Statistics Graduate Student Presentations	Dr Clifford	Th.2:15 (Week 7)	Statistics Department
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
Quantum Field Theory/Relativity	Dr Hannabuss and Dr Tsou	T.12	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 Breward	F.9-2	Mathematical Institute, DHSR1
ADVANCED CLASSES			
Algebra	Dr Craven	T.2 (Odd Weeks)	Mathematical Institute, SR1 (Odd Weeks)
Logic	Prof Zilber	Th.11	Mathematical Institute, SR2
Representation Theory	Prof Rouquier	T. 2	Mathematical Institute, L2
Junior Representation Theory	Dr Craven	W.4	Mathematical Institute, SR1
GRADUATE LECTURES[]			
Local Group Theory	Professor M Collins	M.2 T.2 F.4 (Weeks 2-8)	Mathematical Institute, SR1
*BE/OE Extended Essay: <i>An Introduction to LaTeX</i>	Dr I. Schlackow	W. 10 (Week 6)	Mathematical Institute, L2
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
Financial Derivatives	Prof Howison	M.W.11	Mathematical Institute, DHSR1
Practical Stochastic Calculus	Dr Zariphopoulou	T.Th.11 (Weeks 1-4)	Mathematical Institute, DHSR1
Numerical Methods for Finance	Dr Reisinger and Prof Giles	T.Th.2	Mathematical Institute, DHSR1
Stochastic Differential Equations	Prof Lyons	M, F.5	Mathematical Institute L3
M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING[]			
CORE			
Introduction to Applied Mathematics	Dr Moroz	M.11, T.11, W. 11, Th.3, F.12, F. 3 (Week 1)	Mathematical Institute, L1
A1 Mathematical Methods	Dr P Howell	W. 11 F. 4 (Weeks 5-8)	Mathematical Institute, L3
A1 Mathematical Methods	Dr. Muench	Th.3, F.3 (Week 2-8)	Mathematical Institute, L1
B1 Numerical Linear Algebra	Prof Trefethen	M.2, W.2 (Weeks 1-4)	Computing Laboratory

B2 Numerical Linear Algebra	Prof Trefethen	M.2, W.2 (Weeks 5-8)	Computing Laboratory
B1 Numerical Solution of Differential Equations I	Prof Suli	T.2, F.2	Computing Laboratory
Mathematical Modelling	Dr Oliver	M.9-11 (Week 1) M.10-12 (Weeks 2-8) Th. 1.30-2.30 (Weeks 1-8)	Mathematical Institute, L3
Additional Skills	Dr Gillow	T. 10-12 (Weeks 1-8)	TBC
Practical Numerical Analysis	Dr Platte	M. 3-4 W. 10-11 (Weeks 1-8)	TBC
SPECIAL TOPICS[]			
Approximation of Functions	Dr Sobey	T. 9, Th.9	Computing Laboratory Fox Room
Mathematics and the Environment	Dr Sander, Dr Hewitt & Dr Granberg	T.12, F.12	Mathematical Institute, L1
Perturbation Methods	Dr Porter	M.12, Th.12	Mathematical Institute, L2
Martingales Through Measure Theory	Dr Tarres	W.9, F.9	Mathematical Institute, L1
Solid Mechanics	Dr Ortner	T.3, Th.11	Mathematical Institute, L2
Methods of Functional Analysis for PDEs	Dr Kristensen	W.5[L2], Th.5 [L1]	Mathematical Institute, L2, L1
Stochastic Differential Equations	Prof Lyons	M,F.5	Mathematical Institute, L3
Viscous Flow	Dr Oliver	M.9, Th.10 (Weeks 2-8)	Mathematical Institute, L1
Mathematical Ecology and Biology	Dr Baker	T.4[L1], F.11[L2]	Mathematical Institute, L1, L2
Topics in Fluid Mechanics	Prof Chapman and Dr Peppin	M.4[L2], F.10[L3]	Mathematical Institute, L2, L3
M.Sc IN COMPUTER SCIENCE			
Schedule A			
Functional Programming	Professor Jeavons	M, W.12	Computing Laboratory
Introduction to Specification	Dr Calinescu	Th.10 F.12	Computing Laboratory
Object Oriented Programming	Dr Motik	T.9 Th.9	Computing Laboratory
Principles of Programming Languages	Dr Spivey	T,Th.11	Computing Laboratory
Foundations of Computer Science	Prof Benedikt	T.10, F.10	Computing Laboratory
Schedule B			
Lambda Calculus and Types	Professor Ong	M, Th.4	Computing Laboratory

Bioinformatics and Computational Biology	Dr Hein	W.9, Th.2	Computing Laboratory
Databases	Prof Benedikt	M, W.12	Computing Laboratory
Intelligent Systems I	Dr Motik	T, Th. 12	Computing Laboratory
Schedule C			
Computational Linguistics	Prof Pulman	M, W.2	Computing Laboratory
Computer Aided Formal Verification	Dr Kroening	M.10 (Weeks 1,3,4,5,8) W.10 (Weeks 1,3,5,6,7) F.5 (Weeks 1,2,3,4,6,7)	Computing Laboratory
Probabilistic Model Checking	Dr Parker	M, W.3 (Weeks 1-8) Th.3 (Weeks 1-4)	Computing Laboratory
Games Semantics	Dr Murawski	W,F.4	Computing Laboratory
Computer Animation	Dr Cameron	M, W.11 (Weeks 1-8) F.11 (Weeks 1-4)	Computing Laboratory
Program Analysis	Professor de Moor	M, W.5 , F.2	Computing Laboratory
Categories Proofs and Processes	TBC	Th.10, F.9 (Weeks 1-8) T.12 (Weeks 1-4)	Computing Laboratory
M.Sc IN MATHEMATICS AND THE FOUNDATIONS OF COMPUTER SCIENCE			
Section A: Mathematical Foundations			
Schedule I			
Analytic Number Theory	Dr Bui	M.10 [DHSR1], F.12[L1]	Mathematical Institute, DHSR1, L1
Analytic Topology	Dr Suabedissen	T.9[L3], T.5[L1]	Mathematical Institute, L3, L1
Gödel's Incompleteness Theorems	Dr Isaacson	T.12.15, W.12.15	Lecture Room, 10 Merton Street
Introduction to Representation Theory	Dr Henke	T.9, Th.4	Mathematical Institute, L1
Lie Algebras	Prof J Wilson	T.11, 4	Mathematical Institute, SR1
Lambda Calculus and Types	Professor Ong	M, Th.4	Computing Laboratory
Schedule II			
Local Group Theory	Professor Collins	M.2 T.2 F.4 (Weeks 2-8)	Mathematical Institute, SRI
Section B: Applicable Theories			
Schedule I			
Applied Probability	Dr Hammond	T.12[L2], Th.12[L1]	Mathematical Institute, L2, L1

Communication Theory	Dr Stirzaker	W.2, Th.2	Mathematical Institute, L1
Graph Theory	Prof Scott	M.9, F.3	Mathematical Institute, L2
Categories Proofs and Processes	TBC	Th.10, F.9 (Weeks 1-8) T.12 (Weeks 1-4)	Computing Laboratory
Foundations of Computer Science	Prof Benedikt	T.10, F.10	Computing Laboratory
Schedule II			
Computer Aided Formal Verification	Dr Kroening	M.10 (Weeks 1,3,4,5,8) W.10 (Weeks 1,3,5,6,7) F.5 (Weeks 1,2,3,4,6,7)	Computing Laboratory
Game Semantics	Dr Murawski	W,F,4	Computing Laboratory
MATHEMATICS			
Moderations			
A&B: Introduction to Pure Mathematics	Prof Vaughan-Lee	T.11, W. 3, Th.11-1, F.11 (Week 1)	University Museum
A&B: Reasoning and Proofs	Dr Knight	W.3, Th.3, F.2 (Week 2)	University Museum
B: Introduction to Complex Numbers	Dr Szendroi	M.2, T.12 (Week 1)	University Museum
A: Linear Algebra I	Dr Erdmann	T.11, Th.11 (Weeks 2-8)	University Museum
A: Geometry I	Dr Szendroi	Th.12 (Weeks 2-4), F.12 (Weeks 1-4)	University Museum
B: Analysis I	Dr Earl	T.12, F.11 (Weeks 2-8)	University Museum
C: Calculus of One Variable	Dr Gaffney	M.11, W.11 (Weeks 1-3)	University Museum
C: Calculus of Two or more Variables	Dr Gaffney	M.11, W.11 (Weeks 4-8)	University Museum
C: Dynamics	Dr Acheson	M.12, W.12	University Museum
C: Probability I	Dr Laws	Th.12, F.12 (Weeks 5-8)	University Museum
Mathematics with Maple	Dr Wilkins	M.2 (Week2)	University Museum
Part A			
Algebra	Dr Stewart and Dr Papazoglou	M.3, T.3, F.9 (Week 7) Dr Stewart F.9 (Weeks 1-6 & 8) Dr Papazoglou	University Museum
Analysis	Dr Qian	T.10, W.9, F.10	University Museum
Differential Equations	Prof Mason	M.4, T.4, Th.2	University Museum
Part B			
B1a Logic	Dr Koenigsmann	W.12 (Week 1), W.11 (Weeks 2-8), Th.9	Mathematical Institute, L2

B2a Introduction to Representation Theory	Dr Wemyss	T.9, Th.4	Mathematical Institute, L1
B3a Geometry of Surfaces	Dr Dancer	T.4, Th.10	Mathematical Institute, L2
B4a Banach Spaces	Prof. Chrusciel	M.9 (Week 1 only), T. 10, T.3(Weeks 2-8)	Mathematical Institute, L1
B568 Introduction to Applied Mathematics	Dr Moroz	M.11, T.11, W. 11, Th.3, F.12, F. 3 (Week 1)	Mathematical Institute, L1
B5a Techniques of Applied Mathematics	Dr. Muench	Th.3, F.3 (Week 2-8)	Mathematical Institute, L1
B6a Viscous Flow	Dr Oliver	M.9, Th.10 (Weeks 2-8)	Mathematical Institute, L1
B7.1a Quantum Mechanics	Prof. Tod	M.12, F.10	Mathematical Institute, L1
B7.2a Special Relativity and Electromagnetism	Dr de la Ossa	M.10, W.10	Mathematical Institute, L1
B8a Mathematical Ecology and Biology	Dr Baker	T.4[Weeks 2-8 L1], F.11[Weeks 2-8 L2]	Mathematical Institute, L1, L2
B9a Galois Theory	Prof. Kirwan	W.4, F.11	Mathematical Institute, L1
B10a Martingales Through Measure Theory	Dr Tarres	W.9, F.9	Mathematical Institute, L1
B11a Communication Theory	Dr Stirzaker	W.2, Th.2	Mathematical Institute, L1
B12a Applied Probability	Dr Hammond	T.12[L2], Th.12[L1]	Mathematical Institute, L2, L1
B21a Numerical Solution of Differential Equations I	Prof Suli	T.2, F.2	Computing Laboratory
B22 Integer Programming	Dr Hauser	M.3 (Weeks 1-8), W.3 (Week 1 only) Th.3 (Weeks 2-8)	Computing Laboratory
O1 History of Mathematics	Dr Stedall	M.2-4	Queen's College, Lecture Room B
OCS1a Functional Programming	Prof Jeavons	M.12, W.12	Computing Laboratory
Introduction to LaTeX	Dr I. Schlackow	W.10 (week 6)	Mathematical Institute, L2
Part C			
C1.1a Gödel's Incompleteness Theorems	Dr Isaacson	T.12.15, W.12.15	Lecture Room, 10 Merton Street
C1.2a Analytic Topology	Dr Suabedissen	T.9[L3], T.5[L1]	Mathematical Institute, L3, L1
C2.1a Lie Algebras	Prof Wilson	T.11, 4	Mathematical Institute, SR1
C3.1a Topology and Groups	Dr Coward	Th.12 [Week 1 SR2, weeks 2-8 L3], F.2 [L2]	Mathematical Institute, SR2, L3, L2
C3.2a Lie Groups	Prof Tillmann	T.10, W.9	Mathematical Institute, L3
C3.3a Abelian, Nilpotent and Solvable Groups	Dr Drutu	T.3 Th.11	Mathematical Institute, SR1

C4.1a Functional Analysis	Prof Haydon	T.2[L1], Th.2[L2]	Mathematical Institute, L1, L2
C5.1a Methods of Functional Analysis for PDEs	Dr Kristensen	W.5[L2], Th.5[L1]	Mathematical Institute, L2, L1
C6.1 Solid Mechanics	Dr Ortner	T.3, Th.11	Mathematical Institute
C6.3a Perturbation Methods	Dr Porter	M.12, Th.12	Mathematical Institute, L2
C6.4 Topics in Fluid Mechanics	Prof Chapman and Dr Peppin	M.4[L2], F.10[L3]	Mathematical Institute, L2, L3
C7.4 Theoretical Physics	Professor Chalker and Dr Lukas		
C8.1a Mathematics and the Environment	Dr Sander, Dr Hewitt & Dr Granberg	T.12 [L1], F.12 [L2]	Mathematical Institute, L1 & L2
C9.1a Analytic Number Theory	Dr Bui	M.10 [DHSR1], F.12[L1]	Mathematical Institute, DHSR1, L1
C10.1a Stochastic Differential Equations	Prof Lyons	M,F.5	Mathematical Institute, L3
C11.1a Graph Theory	Prof Scott	M.9, F.3	Mathematical Institute, L2
C12.1a Numerical Linear Algebra	Prof Trefethen	M.2, W.2	Computing Laboratory
C12.2a Approximation of Functions	Dr Sobey	T.9, Th.9	Computing Laboratory: Fox Room
MS2a Bioinformatics and Computational Biology	Dr Hein	W.9, Th.2	Computing Laboratory
*Dissertation: <i>Week 1 'Presenting an Application'; Week 7 'Presenting a Thesis'</i>	Prof R Heath-Brown	M.11 Week1 [L3] M.11 Week 7 [L1]	Mathematical Institute, L3 & L1
Introduction to LaTeX	Dr I. Schlackow	W.10 (week 6)	Mathematical Institute, L2
*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	Dr Jeavons	M.12, W.12	Computing Laboratory
CS3 Discrete Mathematics	Dr Ker	T.11, Th.11	Computing Laboratory
CS3 Linear Algebra	Dr Kay	T.9, F.9	Computing Laboratory
MATHEMATICS AND COMPUTER SCIENCE			
Moderations			
CS1 Functional Programming	Dr Jeavons	M.12, W.12	Computing Laboratory

COMPUTER SCIENCE			
Part A			
Object Oriented Programming	Dr Motik	T.9, Th.9	Computing Laboratory
Computer Graphics	Dr Pitt-Francis	W.9 (Week 1) F.12 (Weeks 2-8) M.11 (Weeks 1-8)	Computing Laboratory
Formal Program Design I	Dr Jones	M,W,F.10	Computing Laboratory
Principles of Programming Languages	Dr Spivey	T.11, Th.11	Computing Laboratory
MATHEMATICS & COMPUTER SCIENCE			
Part A			
Object Oriented Programming	Dr Motik	T.9, Th.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>			
Computer Graphics	Dr Pitt-Francis	W.9 (Week 1) F.12 (Weeks 2-7) M.11 (Weeks 1-8)	Computing Laboratory
Formal Program Design	Dr Jones	M,W,F.10	Computing Laboratory
Principles of Programming Languages	Dr Spivey	T.11, Th.11	Computing Laboratory
Networks & Operating Systems	Dr Olteanu	W.11, Th.10	Computing Laboratory
<i>Schedule B2</i>			
Databases	Prof Benedikt	M, W.12	Computing Laboratory
Integer Programming	Dr Hauser	M.3 (Weeks 1-8), W.3 (Week 1 only) Th.3 (Weeks 2-8)	Computing Laboratory
Lambda Calculus and Types	Professor Ong	M,Th.4	Computing Laboratory
Intelligent Systems I	Prof Motik	T,Th.12	Computing Laboratory
Numerical Solution of Differential Equations I	Prof Suli	T.2, F.2	Computing Laboratory
<i>Schedule B3</i>			
Lectures under Mathematics Part B: B1, B2, B4, B5, B9 and B11a 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>			
Computer Animation	Dr Cameron	M,W.11 F.11 (Weeks 1-4)	Computing Laboratory
Computational Linguistics	Prof Pulman	M, W.2	Computing Laboratory

Computer Aided Formal Verification	Dr Kroening	M.10 (Weeks 1,3,4,5,8) W.10 (Weeks 1,3,5,6,7) F.5 (Weeks 1,2,3,4,6,7)	Computing Laboratory
Games Semantics	Dr Murawski	W,F.4	Computing Laboratory
Program Analysis	Professor de Moor	M,W.5 F.2	Computing Laboratory
Probabilistic Model Checking	Dr Parker	M,W.3 (Weeks 1-8) Th.3 (Weeks 1-4)	Computing Laboratory
Categories Proofs and Processes	TBC	Th.10 F.9 (Weeks 1-8) T.12 (Weeks 1-4)	Computing Laboratory

MATHEMATICS AND PHILOSOPHY			
Moderations			
Mathematics:			
A&B: Introduction to Pure Mathematics	Professor Vaughan-Lee	T.11, W. 3, Th.11-1, F.11 (Week 1)	University Museum
A&B: Reasoning and General Proofs	Dr Knight	W.3, Th.3, F.2 (Week 2)	University Museum
B: Introduction to Complex Numbers	Dr Szendroi	M.2, T.12 (Week 1)	University Museum
A: Linear Algebra I	Dr Erdmann	T.11, Th.11 (Weeks 2-8)	University Museum
A: Geometry I	Dr Szendroi	Th.12 (Week 2-4), F.12 (Weeks 1-4)	University Museum
B: Analysis I	Dr Earl	T.12, 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 P Millican	W.12	Exam Schools
Introduction to Logic	Dr Halbach	M.12	Exams Schools
Part A Mathematics:			
Algebra	Dr Stewart and Dr Papazoglou	M.3, T.3 F.9 (Week 1 & 8): Dr Stewart, F.9 (Weeks 2-7): Dr Papazoglou	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 Koenigsman	W.12 (Week 1) Th.9, F. 4,W.11 (Weeks 2-8)	Mathematical Institute, L2
[These lectures are for the compulsory subject “Foundations”. Other courses listed under mathematics Part B can be taken: B2, B3, B4, B568, B5, B6, B7.1, B7.2, B8, B9, B10, B11, B21, B22, O1.]			
Part B Philosophy:			
101 History of Philosophy: Leibniz Spinoza	Dr Mander	W.10	10 Merton Street
101 History of Philosophy: Hume	Dr Kail	M.10	Exams Schools
102 Knowledge and Reality: Epistemology	Professor Hawthorne	W.2	Exams Schools
102 Knowledge and Reality:	Dr Dorr	T.2	Exams Schools

Metaphysics			
[For further Philosophy lectures, please consult the Philosophy lecture list]			
Part C Mathematics: Logic			
C1.1a Gödel's Incompleteness Theorems	Dr Isaacson	T.12.15, W.12.15	Lecture Room, 10 Merton Street
C1.2a Analytic Topology	Dr Suabedissen	T.9[L3], 5[L1]	Mathematical Institute, L3, 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			
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.2 W.12	Statistics
BS2a Foundations of Statistical Inference	Professor Griffiths	M.3 W.10	Statistics
BS3a Applied Probability	Dr Hammond	T.12[L2], Th.12[L1]	Mathematical Institute, L2, L1
BS4a Actuarial Science	Dr Winkel	M.10 Th.11	Mathematical Institute, L2 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	Professor Lauritzen	W.11 F.11	Statistics
MS2a Bioinformatics and Computational Biology	Dr Hein	W.9, Th.2	Computing Laboratory
MS6a Analysis of Biological Networks	Professor Hein	M.4 T.11	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, 12 October), unless otherwise stated in this column. Events take place every Week of Full Term (Weeks 1-8) unless otherwise stated.