MATHEMATICAL SCIENCES
DIVISION OF MATHEMATICAL AND PHYSICAL SCIENCES
Lecture List for Michaelmas Term 2026

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

This version was updated on **October 9, 2026**

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

Subject	*Organiser/Lecturer*	*Time**	*Place*
GRADUATE SEMINARS			
Algebra Seminar	Prof. Dan Ciubotaru	Tue. 2-3	L6, Mathematical Institute
Algebraic Geometry Seminar	Prof. Lukas Brantner, Prof. Dominic Joyce, Prof. Alexander Ritter	Tue. 3:30–5	L4, Mathematical Institute
Applied Topology Seminar	Gill Grindstaff Vukasin Stojisavljevic	Fri. 3-4	L5, Mathematical Institute
Arithmetic Geometry Seminar	James Newton	Wed	L6, Mathematical Institute
Combinatorics Seminar	Prof. Alex Scott	Thu. 2-3:30	L4/L5, Mathematical Institute
Computational Mathematics and Applications	Prof. Yuji Nakatsukasa Prof. Patrick Farrell	Thu. 2-3	L3, Mathematical Institute
Colloquium	Prof. Philip Maini	Fri. 4-5	L1, Mathematical Institute
Functional Analysis	Prof. Stuart White Prof. Mehrdad Kalantar	Tue. 4-5	L4/L5, Mathematical Institute
Geometry and Analysis	Prof Dominic Joyce, Prof Andrew Dancer, Prof Jason Lotay	Mon. 2.15–3.15	L4, Mathematical Institute
Geometric Group Theory	Prof. Dawid Kielak	Tue. 3-4	L6, Mathematical Institute
History of Maths	Chris Hollings	TBC	
Junior Algebra & Representation Theory seminar	Mario Marcos Losada	Fri. 12-1	Quillen Room, Mathematical Institute
Junior Functional Analysis Seminar	Josep Fontana McNally Joseph Gondek	Mon 1.30	C1, Mathematical Institute
Junior Geometry Seminar	Joseph Duthie Nicholas Campen	Wed 10 (Week 1 only) Fri 1.30 (Weeks 2-8)	C6, Mathematical Institute
Junior Topology and Group Seminar	Ojas Mittal Tejas Mittal	Wed. 4-5	C5 (Weeks 1-7)/C4 (Week 8 only), Mathematical Institute
Junior Number Theory Seminar	Michael Cheng, Vishal Gupta, Charlotte Clare-Hunt	Mon 4-5	C5, Mathematical Institute
Logic	Prof. Jonathan Pila, Prof Ehud. Hrushovski, Prof. Jochen Koenigsmann Martin Bays	Thu 11-12 (Week 1 only) Thu. 5-6 (Weeks 2-7)	C6 (Week 1 only)/L3 (Weeks 2-7), Mathematical Institute

Mathematical and Computational Finance Seminar	Dr Jonathan Tam	Thu. 4-5	L5, Mathematical Institute
Networks Seminar	Erik Hormann	Tue. 2-3	C4, Mathematical Institute
Numerical Analysis Internal Seminar	Prof. Mike Giles	Thu. 12-12.30	L4, Mathematical Institute
Number Theory	Hanneke Wiersema, Ben Green	Thu. 4-5	L4, Mathematical Institute

OCIAM	Nicola Kirkham, Marc Sune, Andrea Giudici	Thu 12-1	L3, Mathematical Institute
Oxford Partial Differential Equations Seminar	Prof. Ana Djurdjevac and Prof. Qian Wang	Mon. 4.30-5:30	L4, Mathematical Institute
OxPDE lunchtime seminar	Prof. Mattia Magnabosco	Thu. 12-1	C5, Mathematical Institute
Probability	Prof. Christina Goldschmidt	Mon. 2-3	L5, Mathematical Institute
Quantum Field Theory/Relativity/Amplitudes	Prof. Lionel Mason and Prof. Chris Beem	Fri. 12–1:30	L6, Mathematical Institute
Random Matrix Theory Seminar	Prof Jon Keating	Tue. 4-5	L6, Mathematical Institute
Stochastic Analysis Seminar	Prof. Massimiliano Gubinelli	Wed. 11-1	L4, Mathematical Institute
Stochastic Analysis and Mathematical Finance Seminar	Prof. Rama Cont and Prof. Massimiliano Gubinelli	Mon. 3:30-4:30	L3, Mathematical Institute
String Theory	Prof. Sakura Schafer-Nameki	Tue. 1-2:30	L2, Mathematical Institute
Topology Seminar	Cameron Rudd, Rhuaidi Burke, Jan Steinbrummer	Mon. 3:30-4:30	L5, Mathematical Institute
Wolfson Centre for Mathematical Biology Seminar	Prof. Philip Maini	Fri 11-12	L4/L5, Mathematical Institute
Wolfson Centre for Mathematical Biology Group Meetings	Prof. Philip Maini	Mon. 12-1	L4, Mathematical Institute
GRADUATE WORKSHOPS			
WORKSHOPS			
ADVANCED CLASSES			
Topology	Prof André Henriques and Dr. Lukas Brantner	Mon. 11–12:30	C1, Mathematical Institute
GRADUATE LECTURES			
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 https://www.maths.ox.ac.uk/groups/tcc			
EPSRC CDT in MATHEMATICS OF RANDOM SYSTEMS			

C6.5 Theories of Deep Learning	Prof. Jared Tanner	Wed. 11-13	Mathematical Institute, L2
M.Sc IN MATHEMATICAL AND COMPUTATIONAL FINANCE			
Financial Computing with C++	Dr Greg Gyurko	Wed. 10-12	Mathematical Institute, L3
Financial Derivatives	Dr. Leandro Sanchez-Betancourt	Tue. 09-11	Mathematical Institute, L3
Numerical Methods	Prof. Mike Giles	Mon. 11-12 Tue. 11-12	Mathematical Institute, L3
Statistics and Financial Data Analysis	Prof. Blanka Horvath	Thur. 10-12	Mathematical Institute, L3
Stochastic Calculus	Prof. Michael Monoyios	Mon. 09-11	Mathematical Institute, L3
M.Sc IN MATHEMATICAL AND THEORETICAL PHYSICS			
Anyons and Topological Field Theory	Prof. Steve Simon	Tue. 14-15 (weeks 1-2 only) Fri. 10-12 (weeks 1-7 only)	Department of Physics, Lindemann / DWB Fisher Room
C3.4 Algebraic Geometry	Prof. Dominic Joyce	Wed 12-13 Fri. 11-12	Mathematical Institute, L6/L5
C3.1 Algebraic Topology	Prof. Andras Juhasz	Wed 10-12	Mathematical Institute, L5
C3.3 Differentiable Manifolds	Prof. Jason Lotay	Mon 10-11 Wed. 16-17	Mathematical Institute, L6
C7.5 General Relativity I	Prof. Chris Couzens	Wed. 15-16 Fri 15-16	Mathematical Institute, L2/L1
C6 Quantum Matter 1	Prof. Steve Simon	Mon. 09-10 Thu 10-11	Department of Physics, Dennis Sciama
Groups and Representations	Prof. Andre Lukas	Tue. 10-12 Thur. 14-15	Department of Physics, Lindemann
Kinetic Theory	Prof. Paul Dellar, Prof. Alex Schekochihin, Dr Chris Hamilton	Mon. 10-11:30 (except week 2) Mon. 15-17 (weeks 1,2,3,7,8) Tue. 12-13	Department of Physics, Lindemann
C6.1 Numerical Linear Algebra	Prof. Yuji Nakatsukasa	Tue. 14-15 Thu. 16-17	Mathematical Institute, L1/L2
C6 Quantum Field Theory	Prof. John Wheater	Mon. 14-15 Tue. 15-16 Fri 16-17	Department of Physics, Lindemann
Quantum Processes in Plasmas	Prof. Peter Norreys	Tue. 14-16	Department of Physics, DWB Seminar Room 501
C5.6 Applied Complex Variables	Prof. James Oliver	Wed 9-10 Fri 12-13	Mathematical Institute, L5/L1
Advanced Philosophy of Physics	Prof Sam Fletcher Dr Jack Johnson (MT)	Thu 11-13	Department of Physics Schwarzman Centre, L1 (10.300)
Machine Learning Fundamentals: Foundations	Prof Andrei Comstantin	Thu 15-17	Dept of Physics, Dennis Sciama

M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING			
CORE			
B5.2 Applied PDEs	Prof. Peter Howell	Wed. 11-12 Thu. 14-15	Mathematical Institute, L2
B6.1 Numerical Solution of Partial Differential Equations	Prof Endre Süli	Tue. 12-13 Wed. 12-13	Mathematical Institute, L2
C6.1 Numerical Linear Algebra	Prof. Yuji Nakatsukasa	Tue. 14-15 Thu. 17-18	Mathematical Institute, L1/L2

Additional Skills	Dr Kathryn Gillow	Thu. 16-17	Mathematical Institute, L2
Practical Numerical Analysis	Dr Kathryn Gillow	Mon. 16-17 Fri. 9-10 (week 3) Fri, 10-11	Mathematical Institute, L2/L3
SPECIAL TOPICS			
B5.5 Further Mathematical Biology	Prof. Philip Maini	Mon. 09-10 Tue. 11-12	Mathematical Institute, L4/L5
B6.3 Integer Programming	Dr. Jari Fowkes	Wed. 15-16 Fri. 16-17	Mathematical Institute, L1/L2
C5.1 Solid Mechanics	Prof. Derek Moulton	Wed. 10-11 Thu. 10-11	Mathematical Institute, L4/6
C5.6 Applied Complex Variables	Prof. James Oliver	Wed. 09-10 Fri. 12-13	Mathematical Institute, L5
C5.9 Mathematical Mechanical Biology	Prof. Alain Goriely	Mon. 14-16	Mathematical Institute, L2
C5.11 Mathematical Geoscience	Prof. Ian Hewitt	Tues. 09-10 Thu. 09-10	Mathematical Institute, L5
C5.12 Mathematical Physiology	Prof. Carles Falco I Gandia and Dr Jesse Taylor-West Ian Griffiths	Wed. 16-17 Fri. 16-17	Mathematical Institute, L2/L3
C6.5 Theories of Deep Learning	Prof. Jared Tanner	Thu. 11-13	Mathematical Institute, L2
C5.7 Topics in Fluid Mechanics	Prof. Eamonn Gaffney	Thu. 15-16 Fri. 15-16	Mathematical Institute, L4/L5
B5.3 Viscous Flow	Prof. Chris Breward	Mon. 10-11 Tue. 10-11	Mathematical Institute, L5
M.Sc IN MATHEMATICAL SCIENCES			
The lectures below for MATHEMATICS Part C/OMMS all apply.			
M.Sc IN MATHEMATICS AND THE FOUNDATIONS OF COMPUTER SCIENCE			
Fridays@2	Prof. Chris Hollings	Fri 14-15	Mathematical Institute, L1
Schedule I			
C3.1 Algebraic Topology	Prof. Andras Juhasz	Wed. 10-12	Mathematical Institute, L5
C2.7 Category Theory	Prof. Andre Henriques	Tue. 11-12 Thu. 14-15	Mathematical Institute, L5/L4
B3.5 Topology and Groups	Prof. Andre Henriques	Mon 10-11 Thu. 10-11	Mathematical Institute, L4/L5

Categories, Proofs and Processes	Prof. Bartek Klin	Wed. 12-13	Department of Computer Science, Tony Hoare Room (RHB)
C1.2 Godel's Incompleteness Theorems	Prof. Robin Knight	Mon 9-10 Fri 9-10	Mathematical Institute, L6
B8.4 Information Theory	Prof. Ben Hambly	Tue. 16-17 Fri. 12-13	Mathematical Institute, L1/L2
B6.3 Integer Programming	Dr. Jari Fowkes	Wed. 15-16 Fri. 16-17	Mathematical Institute, L1/L2
C3.8 Analytic Number Theory	Prof. Tom Sanders	Mon 11-12 Thu 10-11	Mathematical Institute, L5
Quantum Processes and Computation	Prof. Aleks Kissinger	Mon 14-15 Wed 14-15 Fri 14-15	Department of Computer Science, The Bill Roscoe Lecture Theatre
C1.3 Analytic Topology	Dr Rolf Suabedissen	Tue 11-12 Thu 11-12	Mathematical Institute, L6
Combinatorial Optimisation	Prof. Standa Živný	Tue 11-12.30 (weeks 1-4 only) Tue 11-12 (weeks 5-8 only) Thu 11-12.30 (weeks 1-4 only) Thu 11-12 (weeks 5-8 only)	Department of Computer Science, 051
Computer-Aided Formal Verification	Prof. David Parker	Wed 11-12 Thu 11-12	Department of Computer Science, The Bill Roscoe Lecture Theatre
Schedule II			
C3.4 Algebraic Geometry	Prof. Dominic Joyce	Wed. 12-13 Fri. 11-12	Mathematical Institute, L6/L5
C2.2 Homological Algebra	Prof. Pierrick Bousseau	Thu. 11-12 Fri. 10-11	Mathematical Institute, L5/L6
C2.4 Infinite Groups	Prof. Panos Papazoglou	Tue. 10-11 Wed. 12-13	Mathematical Institute, L6/L5
Distributed Processes, Types and Programming	Prof. Nobuko Yoshida	Mon 9-11 (weeks 1-6 only) Wed 9-11 (weeks 1-6 only)	Department of Computer Science, Tony Hoare Room (RHB)
C8.3 Combinatorics	Prof. Alex Scott	Tue. 11-13	Mathematical Institute, L1
C3.10 Additive Number Theory	Prof. James Maynard	Mon 15-16 Wed 15-16	Mathematical Institute, L6/L5
Computational Game Theory	Prof. Michael Wooldridge	Wed 9-11	Department of Computer Science, LTA
MATHEMATICS			
Prelims			

Introduction to University Mathematics	Dr. James Munro	Mon. 09-10 (week 1 only) Tue. 09-10 (week 1 only)	Mathematical Institute, L1
Introduction to Complex Numbers	Dr. Luciana Bonatto	Tue. 10-11 (week 1 only) Wed. 10-11 (week 1 only)	Mathematical Institute, L1
Linear Algebra I	Dr. Luciana Bonatto	Tue. 09-10 (week 2 onwards) Wed. 10-11 (week 2 onwards)	Mathematical Institute, L1
Geometry	Prof. Alain Goriely	Mon. 10-11 Tue. 10-11 (week 2 onwards)	Mathematical Institute, L1
Analysis I	Dr. Richard Earl	Mon. 09-10 (week 2 onwards) Thu. 09-10	Mathematical Institute, L1
Introductory Calculus	Prof. Helen Byrne	Thu. 10-11 Fri. 10-11	Mathematical Institute, L1
Probability	Prof. Matthias Winkel	Wed. 09-10 Fri. 09-10	Mathematical Institute, L1
Computational Mathematics	Prof. Patrick Farrell	Wed. 11-12 (weeks 1 and 2 only)	Mathematical Institute, L1
Fridays@11	Prof. Chris Hollings	Fri. 11-12	Mathematical Institute, L1
Fridays@2	Prof. Chris Hollings	Fri. 14-15	Mathematical Institute, L1
Part A			
A0 Linear Algebra	Prof. Alexander Ritter	Mon. 09-10 Tue. 09-10	Mathematical Institute, L2
A1 Differential Equations I	Prof. Philip Maini	Thu. 09-10 Fri. 09-10	Mathematical Institute, L2
A2.1 Metric Spaces	Prof. Alan Lauder	Tue. 10-11 Wed. 09-10	Mathematical Institute, L2
A2.2 Complex Analysis	Prof. Dmitry Belyaev	Mon. 11-12 Tue. 11-12	Mathematical Institute, L2
A8 Probability	Prof. James Martin	Mon. 10-11 Thu. 10-11	Mathematical Institute, L2
A11 Quantum Theory	Prof. James Spark	Wed. 10-11 Fri. 10-11	Mathematical Institute, L2
Fridays@2	Prof. Chris Hollings	Fri. 14-15	Mathematical Institute, L1
Part B			
B1.1 Logic	Prof. Martin Bays	Thu. 15-16 Fri. 15-16	Mathematical Institute, L1
B2.1 Introduction to Representation Theory	Prof. Konstantin Ardakov	Mon. 14-15 Thu. 11-12	Mathematical Institute, L1/L2
B3.2 Geometry of Surfaces	Prof. Hulya Arguz	Tue. 09-10 Fri. 16-17	Mathematical Institute, L5
B3.5 Topology and Groups	Prof. Andre Henriques	Tue. 14-15 Thu. 14-15	Mathematical Institute, L1

B4.1 Functional Analysis I	Prof. Stuart White	Tue. 12-13 (except week 7) Thu. 12-13 (except week 7) Wed. 16-17 (weeks 6&8 only)	Mathematical Institute, L2/L1
B5.2 Applied PDEs	Prof. Peter Howell	Mon. 12-13 Thu. 14-15	Mathematical Institute, L1/ L2
B5.3 Viscous Flow	Prof. Chris Breward	Mon. 10-11 Tue. 10-11	Mathematical Institute, L5/ L4
B5.5 Further Mathematical Biology	Prof. Philip Maini	Tue. 09-10 Thu. 09-10	Mathematical Institute, L4
B6.1 Numerical Solution of Partial Differential Equations	Prof Endre Süli	Tue. 12-13 Fri. 12-13	Mathematical Institute, L3/L2
B6.3 Integer Programming	Dr. Jari Fowkes	Wed. 16-17 Fri. 16-17	Mathematical Institute, L2
B7.1 Classical Mechanics	Prof. Lionel Mason	Mon. 11-12 Tue. 11-12	Mathematical Institute, L5/L6
B8.1 Probability, Measure and Martingales	Prof. Harald Oberhauser	Mon. 16-17 Wed. 12-13	Mathematical Institute, L1
B8.4 Information Theory	Prof. Sam Cohen	Tue. 15-16 Fri. 12-13	Mathematical Institute, L1
B8.5 Graph Theory	Prof. Oliver Riordan	Tue. 16-17 Fri. 11-12	Mathematical Institute, L2
BO1.1 History of Mathematics	Dr Christopher Hollings	Wed. 14-16	Mathematical Institute, L6
BSP Structured Projects	Dr Cath Wilkins	Mon. 14-16 (week 1 only)	Mathematical Institute, L5
SB1.1 Applied Statistics	Dr Neil Laws & Prof. François Caron	Mon. 09-10 (weeks 1-7 only) Tue. 14-15 (weeks 1-6 only)	Department of Statistics
SB2.1 Foundations of Statistical Inference	Prof. Anastasia Ignatieva	Mon. 11-12 Wed. 09-10	Department of Statistics
101 Early Modern Philosophy: Descartes	Prof. Paul Lodge	Tue. 10-11	Examination Schools (Room 6/1)
101 Early Modern Philosophy: Hume	Prof Peter Millican	Wed. 10-11	Examination Schools (Room 6)
122 Philosophy of Mathematics	Prof. Beau Mount	Mon. 12-13	Schwarzman Centre (Lecture Theatre)
Fridays@2	Prof. Chris Hollings	Fri. 14-15	Mathematical Institute, L1
Part C / OMMS			
C1.1 Model Theory	Dr. Jamshid Derakhshan	Mon. 09-10 Wed. 12-13	Mathematical Institute, L6
C1.4 Axiomatic Set Theory	Dr. Robin Knight	Tue. 10-11 Fri. 09-10	Mathematical Institute, L5/L6

C2.2 Homological Algebra	Prof. Kobi Kremnitzer	Wed. 09-10 Fri. 15-16	Mathematical Institute, L4
C2.4 Infinite Groups	Prof. Panos Papazoglou	Mon. 10-11 Wed. 10-11	Mathematical Institute, L6
C2.7 Category Theory	Prof. Andre Henriques	Tue. 11-12 Thu. 11-12	Mathematical Institute, L5/L1
C3.1 Algebraic Topology	Prof. Andras Juhasz	Mon. 11-12 Tue. 12-13	Mathematical Institute, L1/L5
C3.3 Differentiable Manifolds	Prof. Dominic Joyce	Thu. 11-12 Fri. 12-13	Mathematical Institute, L4/L5
C3.4 Algebraic Geometry	Prof. Damian Rössler	Thu. 10-11 Fri. 10-11	Mathematical Institute, L4
C3.7 Elliptic Curves	Prof. James Newton	Tue. 15-16 Thu. 09-10	Mathematical Institute, L2/ L6
C3.8 Analytic Number Theory	Prof. Ben Green	Mon. 12-13 (except week 4) Wed. 10-11 (except week 4) Fri. 09-10 (weeks 3&5 only)	Mathematical Institute, L4/L5
C4.1 Further Functional Analysis	Prof. Jan Kristensen	Tue. 09-10 Thu. 10-11	Mathematical Institute, L6
C4.3 Functional Analytic Methods for PDEs	Prof. Andrea Mondino	Mon. 11-13 (week 1 only) Fri. 15-16	Mathematical Institute, L6
C5.2 Elasticity and Plasticity	Prof. Jim Oliver	Wed. 09-10 Fri. 11-12	Mathematical Institute, L6
C5.5 Perturbation Methods	Prof. Ruth Baker	Mon. 11-12 Tue. 11-12	Mathematical Institute, L4
C5.7 Topics in Fluid Mechanics	Prof. Eamonn Gaffney	Tue. 14-15 Thu. 15-16	Mathematical Institute, L5/L6
C5.11 Mathematical Geoscience	Prof. Ian Hewitt	Mon. 09-10 Wed. 11-12	Mathematical Institute, L5/6
C5.12 Mathematical Physiology	Prof. Ian Griffiths	Wed. 12-13 Thu. 11-12	Mathematical Institute, L4/L5
C6.1 Numerical Linear Algebra	Prof. Yuji Nakatsukasa	Tue. 16-17 Thu. 16-17	Mathematical Institute, L1/L2
C6.5 Theories of Deep Learning	Prof. Jared Tanner	Wed. 11-13	Mathematical Institute, L2
C7.5 General Relativity I	Prof. Chris Couzens	Mon. 15-16 Wed. 15-16	Mathematical Institute, L1
C8.1 Stochastic Differential Equations	Prof. Massimiliano Gubinelli	Tue. 16-18	Mathematical Institute, L5
C8.3 Combinatorics	Prof. Alex Scott	Tue. 11-13	Mathematical Institute, L1
CCS2 Quantum Processes and	Prof. Aleks Kissinger	TBD	Department of Computer Science, LTA

Computation			
SC1 Stochastic Models in Mathematical Genetics	Prof. Simon Myers	Mon. 16-17 (Weeks 1-8) Wed. 14-15 (Weeks 1 & 3-8) Fri. 11-12 (Week 2 only)	Department of Statistics
SC2 Probability and Statistics for Network Analysis	Prof. Gesine Reinert	Mon 15-16 (Weeks 1-7 only) Fri. 12-13 (Weeks 1-7 only) Practical - Wed. 15-16 (Weeks 2 & 6 only)	Department of Statistics
SC6 Graphical Models	Prof. Robin Evans	Tue. 16-17 Thu. 16-17	Department of Statistics
SC7 Bayes Methods	Prof. Geoff Nicholls	Tue. 15-16 (except week 4) Wed. 15-16 (week 4 only) Thu. 15-16	Department of Statistics
SC9 Probability on Graphs and Lattices	Prof. Christina Goldschmidt/ Dr Joost Jorritsma	Tue. 09-10 Wed. 10-11	Department of Statistics
SC10 Algorithmic Foundations of Learning	Prof. David Janz	Mon. 14-15 Thu. 14-15	Department of Statistics
Fridays@2	Prof. Chris Hollings	Fri. 14-15	Mathematical Institute, L1
COMPUTER SCIENCE			
Prelims			
Functional Programming	Prof. Andrzej Murawski	Mon. 10-11 Wed. 10-11	Department of Computer Science, LTA
Discrete Mathematics	Prof. Andreas Galanis	Tue. 10-11 Thur. 10-11	Department of Computer Science, LTA
Linear Algebra	Prof. Stefan Kiefer	Tue. 09-10 Thur. 09-10	Department of Computer Science, LTA
Probability	Prof. Matthias Winkel	Wed. 09-10 Fri. 10-11	Mathematical Institute, L1
MATHEMATICS AND COMPUTER SCIENCE			
Prelims			
Functional Programming	Prof. Andrzej Murawski	Mon. 10-11 Wed. 10-11	Department of Computer Science, LTA
Introduction to University Mathematics	Dr. James Munro	Mon. 09-10 (week 1 only) Tue. 09-10 (week 1 only)	Mathematical Institute, L1
Introduction to Complex Numbers	Dr. Luciana Bonatto	Tue. 10-11 Fri. 09-10	Mathematical Institute, L1
Analysis I	Dr. Richard Earl	Mon. 09-10 (week 2 onwards) Thu. 09-10	Mathematical Institute, L1
Linear Algebra I	Dr. Luciana Bonatto	Tue. 09-10 (week 2 onwards) Fri. 09-10 (week 2 onwards)	Mathematical Institute, L1
Probability	Prof. Matthias Winkel	Wed. 09-10 Fri. 10-11	Mathematical Institute, L1

COMPUTER SCIENCE

Part A			
Core			
Concurrent Programming	Prof. Vincent Cheval	Tue. 12-13 Thur. 12-13	Department of Computer Science, LTA
Models of Computation	Prof Bernardo Cuenca Grau	Mon. 12-13 Wed. 12-13	Department of Computer Science, LTA
Part A / Part B			
Schedule S1			
Combinatorial Optimisation	Prof. Standa Živný	Mon. 10-11 (10-11:30 weeks 1-4) Wed 10-11 (10-11:30 weeks 1-4)	Department of Computer Science, 051
Computer Graphics	Prof. Irina Voiculescu	Mon. 14-15 (except week 1) Tue. 10-11 (week 1 only) Wed. 10-11 (week 1 only) Thur. 14-15 (except week 2)	Department of Computer Science, LTB
Computer-Aided Formal Verification	Prof. David Parker	Mon. 11-12 Wed. 11-12	Department of Computer Science, LTA
Concurrency	Prof. Bill Roscoe	Wed. 14-15 Fri. 14-15	Department of Computer Science, LTB
Databases	Prof. Sergii Strelchuk	Tue. 09-10 Thur. 09-10	Department of Computer Science, LTB
Geometric Modelling	Prof. Joe Pitt-Francis	Mon. 11-12 (except week 8) Wed. 11-12 (except week 8) Fri. 11-12 (weeks 1&2 only)	Department of Computer Science, LTB
Machine Learning	Dr Seth Flaxman	Tue. 14-16 (weeks 1-4 only) Tue. 15-16 (weeks 5-8 only) Wed. 15-16	Department of Computer Science, LTA
Principles of Programming Languages	Dr Sam Staton	Thur. 15-16 Fri. 10-11	Department of Computer Science, LTB/LTA
Quantum Information	Prof. Jonathan Barrett	Tue. 11-12 Thur. 11-12	Department of Computer Science, LTA
Scientific Computing	Prof. Jonathan Whiteley	Mon. 09-10 Wed. 09-10	Department of Computer Science, LTA
Schedule S2			
Lectures under Mathematics Part B: B8.4, B6.3 are applicable.			
Part C			
Schedule C1			
Categories, Proofs and Processes	Prof. Bartek Klin	Mon. 11-12 Wed. 11-12 Fri. 11-12 (weeks 1-4 only)	Department of Computer Science, Tony Hoare Room (RHB)
Combinatorial Optimisation	Prof. Standa Živný	Mon. 10-11 (10-11:30 weeks 1-4) Wed 10-11 (10-11:30 weeks 1-4)	Department of Computer Science, 051
Computational Biology	Prof. Peter Minary	Tue. 09-10 Thur. 09-10 Fri. 09-10 (weeks 1-4 only)	Department of Computer Science, Tony Hoare Room (RHB)

Computational Game Theory	Prof. Elias Koutsoupias / Prof Michael Wooldridge	Thur. 14-16 (weeks 1-4 only) Thur. 15-16 (weeks 5-8 only) Fri. 15-16	Department of Computer Science, LTA
Computer Vision	Prof. Christian Rupprecht	Mon. 14-15 Tue. 16-17 Fri. 14-15 (weeks 1-4 only)	Department of Computer Science, LTA
Concurrent Algorithms and Data Structures	Dr Hanno Nickau	Mon. 12-13 (except week 8) Wed. 12-13 (except week 8) Fri. 12-13 (weeks 1-6 only)	Department of Computer Science, LTB
Distributed Processes, Types and Programming	Prof. Nobuko Yoshida	Mon. 09-11 (weeks 1-6) Wed. 09-11 (weeks 3-6)	Department of Computer Science, Tony Hoare Room (RHB)
Law and Computer Science	Prof. Rebecca Williams/Prof. Tom Melham	Tue. 11-13	Department of Computer Science, Law Faculty, Strachey/RHB

Probabilistic Model Checking	Prof. Marta Kwiatkowska	Thur. 10-12 (weeks 1-6 only) Thur. 10-11 (week 8 only) Fri. 10-11 (except week 8)	Department of Computer Science, LTB
Uncertainty in Deep Learning	Prof. Yarin Gal	Tues. 14-16 (weeks 1-4) Thur. 12-13 (weeks 1-4) Thur. 12-14 (weeks 5-8)	Department of Computer Science, LTB
MATHEMATICS & COMPUTER SCIENCE			
Part A			
Core			
Models of Computation	Prof Bernardo Cuenca Grau	Mon. 12-13 Wed. 12-13	Department of Computer Science, LTA
[In addition, the lectures under Mathematics Part A, except Differential Equations I, are applicable.]			
Part A / Part B			
Schedule S1(M&CS)			
Combinatorial Optimisation	Prof. Standa Živný	Mon. 10-11:30 (weeks 1-4) Mon. 10-11(weeks 5-8) Wed. 10-11:30 (weeks 1-4) Wed. 10-11(weeks 5-8)	Department of Computer Science, 051
Concurrent Programming	Prof. Vincent Cheval	Tue. 12-13 Thur. 12-13	Department of Computer Science, LTA
Geometric Modelling	Prof. Joe Pitt-Francis	Mon. 11-12 (except week 8) Wed. 11-12 (except week 8) Fri. 11-12 (weeks 1&2 only)	Department of Computer Science, LTB
Machine Learning	Dr Seth Flaxman	Tue. 14-16 (weeks 1-4 only) Tue. 15-16 (weeks 5-8 only) Wed. 15-16	Department of Computer Science, LTA
Principles of Programming Languages	Dr Sam Staton	Thur. 15-16 Fri. 10-11	Department of Computer Science, LTB/LTA
Schedule S2(M&CS)			
Lectures under Mathematics Part B: B1.1- B8.5, are applicable. In addition you may apply to take other topics from the full list of Mathematics Department courses			
Part C			

Schedule C1 applies. Mathematics Part C lectures all apply under Schedule C2. See the handbook for recommended Mathematics options.			
MATHEMATICS AND PHILOSOPHY			
Prelims			
Mathematics:			
Introduction to University Mathematics	Dr. James Munro	Mon. 09-10 (week 1 only) Tue. 09-10 (week 1 only)	Mathematical Institute, L1
Introduction to Complex Numbers	Dr. Luciana Bonatto	Tue. 10-11 Fri. 09-10	Mathematical Institute, L1
Linear Algebra I	Dr. Luciana Bonatto	Tue. 09-10 (week 2 onwards) Fri. 09-10 (week 2 onwards)	Mathematical Institute, L1
Probability	Prof. Matthias Winkel	Wed. 09-10 Fri. 10-11	Mathematical Institute, L1
Analysis I	Dr. Richard Earl	Mon. 09-10 (week 2 onwards) Thu. 09-10	Mathematical Institute, L1
Introductory Calculus	Prof. Emmanuel Breuillard	Wed. 10-11 Thu. 10-11	Mathematical Institute, L1
Philosophy:			
General Philosophy	Prof. Alex Kaiserman	Fri. 12-13	Examination Schools (South School)
Introduction to Logic	Dr. Marco Grossi	Mon. 12-13	Examination Schools (South School)
Part A Mathematics:			
A0 Linear Algebra	Prof. Alexander Ritter	Mon. 09-10 (except week 2) Tue. 09-10 (week 2 only) Thu. 09-10	Mathematical Institute, L2
A2.1 Metric Spaces	Prof. Alan Lauder	Mon. 09-10 (week 2 only) Tue. 09-10 (except week 2) Wed. 09-10	Mathematical Institute, L2
A2.2 Complex Analysis	Prof. Dmitry Belyaev	Tue. 11-12 Fri. 10-11	Mathematical Institute, L2
[These lectures are for compulsory subjects]			
Part B Mathematics			
B1.1 Logic	Prof. Martin Bays	Thu. 15-16 Fri. 15-16	Mathematical Institute, L1
[These lectures are for the compulsory subject “Foundations”. Other courses listed under mathematics Part B can be taken: see the Mathematics & Philosophy schedule of units.]			
Part B Philosophy:			
101 Early Modern Philosophy: Descartes	Prof. Paul Lodge	Tue. 10-11	Examination Schools (Room 6/1)
101 Early Modern Philosophy: Hume	Prof Peter Millican	Wed. 10-11	Examination Schools (Room 6)
122 Philosophy of Mathematics	Prof. Beau Mount	Mon. 12-13	Schwarzman Centre (Lecture Theatre)

[For further Philosophy lectures, please consult the Philosophy lecture list]			
Part C Mathematics: Logic			
C1.1 Model Theory	Dr. Jamshid Derakhshan	Mon. 09-10 Wed. 12-13	Mathematical Institute, L6
C1.4 Axiomatic Set Theory	Dr. Robin Knight	Tue. 10-11 Fri. 09-10	Mathematical Institute, L5/L6
[See Philosophy list for Philosophy subjects which may be offered.]			
MATHEMATICS AND STATISTICS			
Prelims			

The lectures above for MATHEMATICS Prelims 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			
SB1.1 Applied Statistics	Dr Neil Laws & Prof. François Caron	Mon. 09-10 (weeks 1-7 only) Tue. 14-15 (weeks 1-6 only)	Department of Statistics
SB2.1 Foundations of Statistical Inference	Prof. Anastasia Ignatieva	Mon. 11-12 Wed. 09-10	Department of Statistics
[Other courses listed under Mathematics Part B can be taken: B1, B2, B3, B4, B5, B6, B7, B8]			
Part C			
SC1 Stochastic Models in Mathematical Genetics	Prof. Simon Myers	Mon. 16-17 (Weeks 1-8) Wed. 14-15 (Weeks 1 & 3-8) Fri. 11-12 (Week 2 only)	Department of Statistics
SC2 Probability and Statistics for Network Analysis	Prof. Gesine Reinert	Mon 15-16 (Weeks 1-7 only) Fri. 12-13 (Weeks 1-7 only) Practical - Wed. 15-16 (Weeks 2 & 6 only)	Department of Statistics
SC6 Graphical Models	Prof. Robin Evans	Tue. 16-17 Thu. 16-17	Department of Statistics
SC7 Bayes Methods	Prof. Geoff Nicholls	Tue. 15-16 (except week 4) Wed. 15-16 (week 4 only) Thu. 15-16	Department of Statistics
SC9 Probability on Graphs and Lattices	Prof. Christina Goldschmidt/ Dr Joost Jorritsma	Tue. 09-10 Wed. 10-11	Department of Statistics
SC10 Algorithmic Foundations of Learning	Prof. David Janz	Mon. 14-15 Thu. 14-15	Department of Statistics
[Other courses under Mathematics Part C can also be taken.]			