MATHEMATICAL SCIENCES
DIVISION OF MATHEMATICAL AND PHYSICAL LIFE SCIENCES
Lecture List for Hilary Term 2024

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 updated **19 January 2024**
Events shown on this list are generally one hour long unless stated otherwise.

Subject	*Lecturer*	*Time**	*Place*
GRADUATE SEMINARS			
Algebra Seminar	Prof. Dan Ciubotaru	Tu. 2	L5, Mathematical Institute
Algebraic Geometry Seminar	Prof. Frances Kirwan	Tu. 3:30–5	C3, Mathematical Institute
Applied Topology Seminar		F.3	L5, Mathematical Institute
Combinatorics Seminar	Prof. Alex Scott	T. 2-3:30	L4, Mathematical Institute
Computational Mathematics and Applications	Prof. Patrick Farrell, Prof. Yuji Nakatsukasa, Prof. Nick Trefethen	Th. 2	L3, Mathematical Institute
Fridays@4		F. 4	L1, Mathematical Institute
Functional Analysis	Prof. Stuart White	Tu. 4	C2, Mathematical Institute
Geometric Group Theory	Prof. Dawid Kielak	Tu. 3	L6, Mathematical Institute
Geometry and Analysis	Prof Frances Kirwan and Prof. Guillem Cazassus	M. 2–3.30	L4, Mathematical Institute
Industrial and Applied Mathematics		Th. 12	L3, Mathematical Institute
Junior Algebra & Representation Theory seminar	Jonas Antor, Mick Gielen	F. 12	N3.12, Mathematical Institute
Junior Combinatorics seminar	Jane Tan, Freddie Illingworth	F. 1-2:30	C4, Mathematical Institute
Junior Geometry Seminar	George Cooper, Andres Ibanez Nunez, Gilles Englebert	Th. 3 (even weeks)	L3, Mathematical Institute
Junior Topology and Group Seminar	Adele Jackson	W. 4	L6, Mathematical Institute
Logic	Prof. Jonathan Pila, Prof Ehud. Hrushovski, Prof. Jochen Koenigsmann	Th. 5	L3, Mathematical Institute
Mathematical and Computational Biology	Prof. Philip Maini, Dr Peter Minary	F. 2	L3, Mathematical Institute
Mathematical and Computational Finance Seminar	Prof. Rama Cont and Dr Anran Hu	Th. 4	L3, Mathematical Institute
Mathematical Geoscience	Prof Ian Hewitt	F. 2 (even weeks)	L4, Mathematical Institute
Networks Seminar	Erik Hormann	Tu. 2	C4, Mathematical Institute
Nonlinear PDE	Prof. Gui-Qiang Chen	Th. 3:15–5:45	C5, Mathematical Institute
Number Theory	Aleksander Horawa and Lasse Grimmelt	Th. 4	L4, Mathematical Institute
Numerical Analysis Internal Seminar	Prof. Patrick Farrell, Prof. Yuji Nakatsukasa, Dr Charles Parker	Tu. 2	L6, Mathematical Institute
Oxford Data Science Seminar	Prof. Melanie Weber	M. 2	L3, Mathematical Institute
Partial Differential Equations Seminar	Prof. Andrea Modino and Prof. Qian Wang	M. 4.30	L5, Mathematical Institute

OxPDE lunchtime seminar	Dr Ben Fehrman and Eliana Fausti	Th. 12	L6, Mathematical Institute
Probability	Prof. Christina Goldschmidt	M. 2	L5, Mathematical Institute
Quantum Field Theory/Relativity/Amplitudes	Prof. Lionel Mason and Prof. Chris Beem	F. 12–1:30	L3, Mathematical Institute
Random Matrix Theory Seminar	Prof Jon Keating	Tu. 4	L6, Mathematical Institute
Stochastic Analysis Internal Seminar	Prof. Massimiliano Gubinelli	Tu. 11	L5, Mathematical Institute
Stochastic Analysis and Mathematical Finance Seminar	Prof. Rama Cont and Prof. Massimiliano Gubinelli	M. 3:30	L5, Mathematical Institute
String Theory		T. 1	L2, Mathematical Institute
Topology Seminar	Prof. André Henriques and Prof. Panos Papazoglou	M. 3:30-5	L4, Mathematical Institute
Wolfson Centre for Mathematical Biology Journal Club	Prof. Philip Maini	M. 12	L4, Mathematical Institute
WORKSHOPS			
Industrial and Interdisciplinary Workshops	Prof. Chris Breward and Yixuan Sun	F.9.45-11.15	Mathematical Institute, L6
ADVANCED CLASSES			
Logic	Prof Ehud Hrushovski	Th. 11	C3, Mathematical Institute
Topology	Prof André Henriques and Dr. Lukas Brantner	M. 11-12:30	C3, 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			
C4.9 Optimal Transport and PDEs	Prof. José Carrillo De La Plata	Tu. 11-1	L6, Mathematical Institute
C6.2 Continuous Optimisation	Prof. Coralia Cartis	W. 2-4 [Week 6 in L3]	L2/L3, Mathematical Institute
C7.7 Random Matrix Theory	Prof. Louis-Pierre Arguin	M. 11 Tu. 11	L4, Mathematical Institute
C8.2 Stochastic Analysis and PDEs	Prof. Harald Oberhauser	W. 11 F. 11	L4/L5, Mathematical Institute
C8.4 Probabilistic Combinatorics	Prof. Oliver Riordan	Tu. 9 W. 9	L4, Mathematical Institute
SC4 Advanced Topics in Statistical Machine Learning	Dr Tom Rainforth	M. 12 W. 12	Department of Statistics
See also the permitted electives offered by Imperial College London			
M.Sc IN MATHEMATICAL AND COMPUTATIONAL FINANCE			
Core Courses			
Stochastic Control	Prof. Michael Monoyios	M. 12 (Weeks 1-4) Tu. 12 (Weeks 1-4)	L3, Mathematical Institute
Fixed Income and Credit	Dr Leandro Sánchez-Betancourt	M. 9-11 (Weeks 1-5) Tu. 11-1 (Weeks 6-8)	L3, Mathematical Institute
Quantitative Risk Management	Prof. Rama Cont	T. 10-12 (Weeks 1-3) Tu. 11-1 (Week 5)	L3, Mathematical Institute
Deep Learning	Prof. Justin Sirignano	M. 11	L3, Mathematical Institute

		W. 11	
Elective Courses			
Advanced Monte Carlo Methods	Prof. Christoph Reisinger	Th. 9-11 (Weeks 1-4)	L3, Mathematical Institute
Advanced Numerical Methods	Prof. Christoph Reisinger	F. 11-1 (Weeks 1-4)	L3, Mathematical Institute
Advanced Volatility Modelling	Prof. Rama Cont (Weeks 5-8)	M. 12 [L3] W. 12 [L4]	L3/L4, Mathematical Institute
Asset Pricing		F. 9-11 (Weeks 1-4)	L4, Mathematical Institute
Decentralised Finance	Dr Katia Babbar	W. 12 [L4] (Weeks 1-3) W. 10 [L5] (Week 2) Th. 11-1 [L3] (Weeks 6-7)	L3/L4/L5, Mathematical Institute
Market Microstructure and Algorithmic Trading	Dr Faycal Drissi	Tu. 9 (Weeks 1-4) Th. 11 (Weeks 1-4)	L3, Mathematical Institute
Computer Programming			
Financial Computing with C++ II	Prof. Dmitry Kramkov	M. 9-11 (Weeks 6-8) Tu. 9-11 (Weeks 6-7) W. 9-11 (Weeks 6-8) Th. 9-11 (Weeks 6-7) F. 9-11 (Weeks 6-7)	L3, Mathematical Institute
M.Sc IN MATHEMATICAL AND THEORETICAL PHYSICS			
Advanced Fluid Dynamics	Prof Paul Dellar and Dr Andy Mummery	M. 10 Tu. 12	Dept of Physics, Lindemann
Advanced Quantum Field Theory	Dr Prateek Argawal	M. 12-1:30 Th. 2-3:30	Dept of Physics, Lindemann
C5.6 Applied Complex Variables	Prof. Jon Chapman	Th. 9 [Weeks 6-7 in L5] F. 9	L3/L5, Mathematical Institute
Collisionless Plasma Physics	Prof Plamen Ivanov	Th. 10 (Weeks 4-5 and 7-8) F. 3 (Weeks 4-5 and 7-8)	Dept of Physics, Fisher Room
Cosmology	Prof David Alonso	W. 11-1	Dept of Physics, Fisher Room
Galactic and Planetary Dynamics	Prof John Magorrian	Tu. 2-4	Dept of Physics, 501
C7.6 General Relativity II	Prof. Christopher Couzens	Th. 5 F. 3	L1, Mathematical Institute
C3.2 Geometric Group Theory	Prof. Cornelia Drutu	Tu. 10 F. 12	L5, Mathematical Institute
Geophysical Fluid Dynamics	Prof Tim Woollings	Tu. 10 (Weeks 1-3) F. 10 (Weeks 1-3)	Dept of Physics, Dennis Sciama
C7.4 Introduction to Quantum Information	Prof. Artur Ekert	Tu. 5 W. 5	L3, Mathematical Institute
Nonequilibrium Statistical Physics	Prof. Ramin Golestanian	W. 3-5 (Weeks 2-5) Th. 4-6 (Weeks 2-5)	Dept of Physics, Lindemann
Radiative processes and High Energy Astrophysics		TBC	Dept Physics, Dennis Sciama
Soft Matter Physics	Prof. Ard Louis	F. 11-1	Dept of Physics, Fisher Room
String Theory I	Prof. Xenia de la Ossa	M. 10 W. 9	L5, Mathematical Institute
Supersymmetry and Supergravity	Dr Michèle Levi	Tu. 3 Th. 12	L5, Mathematical Institute
M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING			
CORE			
A2 Nonlinear Dynamics, Bifurcations and Chaos	Prof. Radek Erban	Tu. 11 [L2] W. 11 [L1] (Week 6 only) Th.11 [L2] (except Week 7)	L1/L2, Mathematical Institute

A2 Further Mathematical Methods	Prof. Pete Grindrod	W. 3 [L6] (Weeks 5-8) F. 3 [L3] (Weeks 5-8)	L3/L6, Mathematical Institute
A2 Further Partial Differential Equations	Prof. Ian Griffiths	W. 11	L6, Mathematical Institute
B2 Continuous Optimisation	Prof. Coralia Cartis	W. 2-4 [Week 6 in L3]	L2/L3, Mathematical Institute
Case Studies in Mathematical Modelling	Prof. Peter Howell	M. 11-1 (Weeks 1 and 8) M. 2 (Week 8)	L6, Mathematical Institute
Case Studies in Scientific Computing	Dr Kathryn Gillow	Tu. 9 (Week 1)	L6, Mathematical Institute
SPECIAL TOPICS			
Applied Complex Variables	Prof. Jon Chapman	Th. 9 [Weeks 6-7 in L5] F. 9	L3/L5, Mathematical Institute
Computational Algebraic Topology	Prof. Vidit Nanda	Tu. 4 Th. 4	L2, Mathematical Institute
Mathematical Mechanical Biology	Prof. Derek Moulton	M. 10 Th. 10	L4, Mathematical Institute
Mathematical Models of Financial Derivatives	Prof. Alvaro Cartea	M. 3-5	L3, Mathematical Institute
Optimisation for Data Science	Prof. Raphael Hauser and Prof. Coralia Cartis	Tu. 12 F. 12	L2, Mathematical Institute
Stochastic Modelling of Biological Processes	Dr Murad Banaij	W. 12 F. 11	L3, Mathematical Institute
Waves and Compressible Flow	Prof. Peter Howell	M. 9 [L5] Th. 9 [L4]	L4/L5, Mathematical Institute
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			
Section A: Mathematical Foundations			
Schedule I			
Algebraic Number Theory	Prof. Ben Green	M. 12 [L2] W. 3 [L1]	L1/L2, Mathematical Institute
Commutative Algebra	Prof. Damian Rössler	Tu. 10 [L4] W. 10 [L3, Weeks 6-8 in L5]	L3/L4/L5, Mathematical Institute
C1.2 Gödel's Incompleteness Theorems	Prof. Robin Knight	M. 4 [L6] F. 4 [L4]	L4/L6, Mathematical Institute
Lambda Calculus and Types	Prof. Bartek Klin	M. 4 M. 2 (Week 2 only) W. 4 (except Week 2)	See Department of Computer Science for arrangements
Schedule II			
Axiomatic Set Theory	Prof. Robin Knight	M. 5 [L6] F. 3 [L4]	L4/L6, Mathematical Institute
Geometric Group Theory	Prof. Cornelia Drutu	Tu. 10 F. 12	L5, Mathematical Institute
Introduction to Schemes	Dr Maria Yakerson	W. 3 Th. 12	L4, Mathematical Institute
Non-Commutative Rings	Prof. Nikolay Nikolov	W. 2 Th. 11	L4, Mathematical Institute
Representation Theory of Semisimple Lie Algebras	Prof. André Henriques	W. 10 [L4] F. 10 [L5]	L4/L5, Mathematical Institute
Section B: Applicable Theories			
Schedule I			
Computational Complexity	Prof. Rahul Santhanam	M. 2 Th. 2	See Department of Computer Science for arrangements
Schedule II			

Computational Algebraic Topology	Prof. Vidit Nanda	Tu. 4 Th. 4	L2, Mathematical Institute
Elliptic Curves	Prof. James Newton	M. 3 Tu. 3	L2, Mathematical Institute
Probabilistic Combinatorics	Prof. Oliver Riordan	Tu. 9 W. 9	L4, Mathematical Institute
Quantum Software	Prof. Aleks Kissinger and Dr Stefano Gogioso	Tu. 4 Th. 4 F. 4	See Department of Computer Science for arrangements
Quantum compositional distributional meaning	Prof. Bob Coecke	TBC	17 Beaumont Street
MATHEMATICS			
Prelims			
I: Linear Algebra II	Dr Richard Earl	Tu. 10 (Weeks 1-4) F. 10 (Weeks 1-4)	L1, Mathematical Institute
I: Groups and Group Actions	Prof. Nikolay Nikolov	Tu. 10 (Weeks 5-8) F. 10 (Weeks 5-8)	L1, Mathematical Institute
II: Analysis II	Prof. Paul Balister	M. 9 F. 9	L1, Mathematical Institute
IV: Dynamics	Prof. Eamonn Gaffney	W. 10 Th. 10	L1, Mathematical Institute
V: Multivariable Calculus	Prof. Sarah Waters	Tu. 9 W. 9	L1, Mathematical Institute
V: Fourier Series and PDEs	Prof. Philip Maini	M. 10 Th. 9	L1, Mathematical Institute
Computational Mathematics	Prof. Patrick Farrell	W. 11 (Weeks 1-2)	L1, Mathematical Institute
Fridays@2		F. 2	L1, Mathematical Institute
Part A			
A3: Rings and Modules	Prof. Andrew Dancer	W. 9 Th. 9	L2, Mathematical Institute
A4: Integration	Prof. Stuart White	Tu. 10 Th. 10	L2, Mathematical Institute
A5: Topology	Prof. Panagiotis Papazoglou	M. 12 Tu. 11	L1, Mathematical Institute
A6: Differential Equations II	Prof. Ian Hewitt	M. 9 Tu. 9	L2, Mathematical Institute
A7: Numerical Analysis	Prof. Yuji Nakatsukasa	W. 11 F. 11	L2, Mathematical Institute
A9: Statistics	Prof. Neil Laws	M. 11 Th. 11	L1, Mathematical Institute
A10: Waves and Fluids	Prof. Dominic Vella	M. 10 W. 10	L2, Mathematical Institute
ASO: Integral Transforms	Prof. Andreas Muench	F. 9-11 (Weeks 1-4)	L2, Mathematical Institute
Fridays@2		F. 2	L1, Mathematical Institute
Part B			
B1.2 Set Theory	Dr Martin Bays	Th. 3 F. 3	L2, Mathematical Institute
B2.2 Commutative Algebra	Prof. Damian Rössler	Tu. 10 [L4] W. 10 [L3, Weeks 6-8 in L5]	L3/L4/L5, Mathematical Institute
B2.3 Lie Algebras	Prof. Kevin McGerty	Th. 2 [L4] F. 4 [L5]	L4/L5, Mathematical Institute
B3.3 Algebraic Curves	Prof. Dominic Joyce	W. 11 Th. 11	L5, Mathematical Institute
B3.4 Algebraic Number Theory	Prof. Ben Green	M. 12 [L2] W. 3 [L1]	L1/L2, Mathematical Institute
B4.2 Functional Analysis II	Prof. Melanie Rupflin	Tu. 4	L3, Mathematical Institute

		F. 4	
B4.4: Fourier Analysis	Prof. Jan Kristensen	W. 4-6	L4, Mathematical Institute
B5.1 Stochastic Modelling of Biological Processes	Dr Murad Banaij	W. 12 F. 11	L3, Mathematical Institute
B5.4 Waves and Compressible Flow	Prof. Peter Howell	M. 9 [L5] Th. 9 [L4]	L4/L5, Mathematical Institute
B5.6 Nonlinear Dynamics, Bifurcations and Chaos	Prof. Radek Erban	Tu. 11 [L2] W. 11 [L1] (Week 6 only) Th.11 [L2] (except Week 7)	L1/L2, Mathematical Institute
B6.2 Optimisation for Data Science	Prof. Raphael Hauser and Prof. Coralia Cartis	Tu. 12 F. 12	L2, Mathematical Institute
B7.2 Electromagnetism	Dr Erik Panzer	Tu. 2 W. 2	L1, Mathematical Institute
B7.3 Further Quantum Theory	Prof. Chris Beem	Tu. 3 (except Week 7) Tu. 3-5 (Weeks 3 and 6 only) Th. 4 (except Week 3)	L1, Mathematical Institute
B8.2 Continuous Martingales and Stochastic Calculus	Prof. Ben Hambly	M. 11 Th. 12	L2, Mathematical Institute
B8.3 Mathematical Models of Financial Derivatives	Prof. Alvaro Cartea	M. 3-5	L3, Mathematical Institute
BO1.1 History of Maths	Prof. Christopher Hollings	F. 9-10:30 (Class 1) F. 10:30-12 (Class 2)	C2, Mathematical Institute
BSP Structured Projects	Dr Cath Wilkins	M. 2 (Week 1 only)	L6, Mathematical Institute
SB1.2 Computational Statistics	Prof. Frank Windmeijer and Dr Rob Cornish	M. 10 (Weeks 1-7) Tu. 10 (Weeks 1-6)	Department of Statistics
SB1.2 Computational Statistics Practical	Prof. Frank Windmeijer and Dr Rob Cornish	W. 2-3:30 (Weeks 4 and 8)	Department of Statistics
SB2.2 Statistical Machine Learning	Prof. François Caron	M. 9 Th. 9	Department of Statistics
SB3.1 Applied Probability	Prof. Julien Berestycki	Tu. 9 (Week 4 only) W. 9 Th. 10 (except Week 4)	Department of Statistics
Lambda Calculus and Types	Prof. Bartek Klin	M. 4 M. 2 (Week 2 only) W. 4 (except Week 2)	See Department of Computer Science for arrangements
Computational Complexity	Prof. Rahul Santhanam	M. 2 Th. 2	See Department of Computer Science for arrangements
101 Early Modern Philosophy: Spinoza	Dr Hannah Laurens	Th. 10	Exam Schools (Room 2)
101 Early Modern Philosophy: Locke	Prof. Paul Lodge	T. 10	Exam Schools (Room 6)
101 Early Modern Philosophy: Berkeley	Prof. Peter Kail	W. 10	Exam Schools (Room 6)
101 Early Modern Philosophy: Leibniz	Prof. Gonzalo Rodriguez-Pereyra	Tu. 11	Exam Schools (Room 9)
102 Knowledge and Reality: Metaphysics	Prof. Nicholas Jones	F. 10 (not in Week 2)	Schools (North School)
Fridays@2		F. 2	L1, Mathematical Institute
Part C/OMMS			
C1.2 Gödel's Incompleteness Theorems	Prof. Robin Knight	M. 4 [L6] F. 4 [L4]	L4/L6, Mathematical Institute
C1.4 Axiomatic Set Theory	Prof. Robin Knight	M. 5 [L6] F. 3 [L4]	L4/L6, Mathematical Institute
C2.3 Representation Theory of Semisimple Lie Algebras	Prof. André Henriques	W. 10 [L4] F. 10 [L5]	L4/L5, Mathematical Institute

C2.5 Non-Commutative Rings	Prof. Nikolay Nikolov	W. 2 Th. 11	L4, Mathematical Institute
C2.6 Introduction to Schemes	Dr Maria Yakerson	W. 3 Th. 12	L4, Mathematical Institute
C3.2 Geometric Group Theory	Prof. Cornelia Drutu	Tu. 10 F. 12	L5, Mathematical Institute
C3.7 Elliptic Curves	Prof. James Newton	M. 3 Tu. 3	L2, Mathematical Institute
C3.8 Analytic Number Theory	Prof. James Maynard	M. 2 Tu. 2	L2, Mathematical Institute
C3.9 Computational Algebraic Topology	Prof. Vidit Nanda	Tu. 4 Th. 4	L2, Mathematical Institute
C3.11 Riemannian Geometry	Prof. Jason Lotay	M. 9 [L4] Tu. 9 [L5]	L4/L5, Mathematical Institute
C3.12 Low-Dimensional Topology and Knot Theory	Prof. Andras Juhasz	Tu. 12 W. 12	L5, Mathematical Institute
C4.4 Hyperbolic Equations	Prof. Gui-Qiang Chen	Tu. 4 W. 4	L5, Mathematical Institute
C4.6 Fixed Point Methods for Nonlinear PDEs	Prof. Andrea Mondino	M. 11-1	L5, Mathematical Institute
C4.9 Optimal Transport and PDEs	Prof. José Carrillo De La Plata	Tu. 11-1	L6, Mathematical Institute
C5.6 Applied Complex Variables	Prof. Jon Chapman	Th. 9 [Weeks 6-7 in L5] F. 9	L3/L5, Mathematical Institute
C5.9 Mathematical Mechanical Biology	Prof. Derek Moulton	M. 10 Th. 10	L4, Mathematical Institute
C6.2 Continuous Optimisation	Prof. Coralia Cartis	W. 2-4 [Week 6 in L3]	L2/L3, Mathematical Institute
C7.4 Introduction to Quantum Information	Prof. Artur Ekert	Tu. 5 W. 5	L3, Mathematical Institute
C7.6 General Relativity II	Prof. Christopher Couzens	Th. 5 F. 3	L1, Mathematical Institute
C7.7 Random Matrix Theory	Prof. Louis-Pierre Arguin	M. 11 Tu. 11	L4, Mathematical Institute
C8.2 Stochastic Analysis and PDEs	Prof. Harald Oberhauser	W. 11 [L4] F. 11 [L5]	L4/L5, Mathematical Institute
C8.4 Probabilistic Combinatorics	Prof. Oliver Riordan	Tu. 9 W. 9	L4, Mathematical Institute
C8.6 Limit Theorems and Large Deviations in Probability	Prof. Zhongmin Qian	Tu. 10 Th. 10	L6, Mathematical Institute
SC4 Advanced Topics in Statistical Machine Learning	Dr Tom Rainforth	M. 12 W. 12	Department of Statistics
SC5 Advanced Simulation Methods	Dr Saifuddin Syed	Tu. 3 F. 12	Department of Statistics
SC7 Bayes Methods	Prof. Geoff Nicholls	W. 11 Th. 2	Department of Statistics
SC8 Topics in Computational Biology	Prof. Jotun Hein	Tu. 4 F. 11	Department of Statistics
Fridays@2		F. 2	L1, Mathematical Institute
MATHEMATICS AND COMPUTER SCIENCE			
See the times published by the Dep. of Computer Science http://www.cs.ox.ac.uk/teaching/timetables/			
MATHEMATICS AND PHILOSOPHY			
Prelims			
Mathematics:			
I: Linear Algebra II	Dr Richard Earl	Tu. 10 (Weeks 1-4) F. 10 (Weeks 1-4)	L1, Mathematical Institute
I: Groups and Group Actions	Prof. Nikolay Nikolov	Tu. 10 (Weeks 5-8) F. 10 (Weeks 5-8)	L1, Mathematical Institute

II: Analysis II	Prof. Paul Balister	M. 9 F. 9	L1, Mathematical Institute
Philosophy:			
Elements of Deductive Logic	Prof Alex Paseau	Tu. 12	L1, Mathematical Institute
Part A			
Mathematics:			
A3: Rings and Modules	Prof. Andrew Dancer	W. 9 Th. 9	L2, Mathematical Institute
A4: Integration	Prof. Stuart White	Tu. 10 Th. 10	L2, Mathematical Institute
A5: Topology	Prof. Panagiotis Papazoglou	M. 12 Tu. 11	L1, Mathematical Institute
Part B			
Mathematics: [These lectures are for the compulsory subjects. Other courses listed under mathematics Part B can be taken; see the Mathematics and Philosophy course schedules]			
B1.2 Set Theory	Dr Martin Bays	Th. 3 F. 3	L2, Mathematical Institute
Philosophy: [For further Philosophy lectures, please consult the Philosophy lecture list https://www.philosophy.ox.ac.uk/lectures]			
101 Early Modern Philosophy: Spinoza	Dr Hannah Laurens	Th. 10	Exam Schools (Room 2)
101 Early Modern Philosophy: Locke	Prof. Paul Lodge	T. 10	Exam Schools (Room 6)
101 Early Modern Philosophy: Berkeley	Prof. Peter Kail	W. 10	Exam Schools (Room 6)
101 Early Modern Philosophy: Leibniz	Prof. Gonzalo Rodriguez-Pereyra	Tu. 11	Exam Schools (Room 9)
102 Knowledge and Reality: Metaphysics	Prof. Nicholas Jones	F. 10 (not in Week 2)	Schools (North School)
Part C			
Mathematics: [These lectures are for the Logic subjects. Other courses listed under mathematics Part C can be taken; see the Mathematics and Philosophy course schedules]			
C1.2 Gödel's Incompleteness Theorems	Prof. Robin Knight	M. 4 [L6] F. 4 [L4]	L4/L6, Mathematical Institute
C1.4 Axiomatic Set Theory	Prof. Robin Knight	M. 5 [L6] F. 3 [L4]	L4/L6, Mathematical Institute
Philosophy: [See Philosophy list for Philosophy subjects which may be offered.]			
MATHEMATICS AND STATISTICS			
Prelims			
The lectures above for MATHEMATICS Prelims all apply.			
Part A			
A12: Simulation and Statistical Programming	Prof. Geoff Nicholls and Dr Rebecca Lewis	Tu. 2-4 (Weeks 3-8) W. 2	Department of Statistics
The lectures above for Mathematics Part A all apply.			
Part B			
SB1.2 Computational Statistics	Prof. Frank Windmeijer and Dr Rob Cornish	M. 10 (Weeks 1-7) Tu. 10 (Weeks 1-6)	Department of Statistics
SB1.2 Computational Statistics Practical	Prof. Frank Windmeijer and Dr Rob Cornish	W. 2-3:30 (Weeks 4 and 8)	Department of Statistics
SB2.2 Statistical Machine Learning	Prof. François Caron	M. 9 Th. 9	Department of Statistics
SB3.1 Applied Probability	Prof. Julien Berestycki	Tu. 9 (Week 4 only) W. 9 Th. 10 (except Week 4)	Department of Statistics

[Other courses listed under Mathematics Part B can also be taken]			
Part C			
SC4 Advanced Topics in Statistical Machine Learning	Dr Tom Rainforth	M. 12 W. 12	Department of Statistics
SC5 Advanced Simulation Methods	Dr Saifuddin Syed	Tu. 3 F. 12	Department of Statistics
SC7 Bayes Methods	Prof. Geoff Nicholls	W. 11 Th. 2	Department of Statistics
SC8 Topics in Computational Biology	Prof. Jotun Hein	Tu. 4 F. 11	Department of 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, 14 January), unless otherwise stated in this column. Events take place every Week of Full Term (Weeks 1–8) unless otherwise stated.