MATHEMATICAL SCIENCES
DIVISION OF MATHEMATICAL AND PHYSICAL LIFE SCIENCES
Lecture List for Hilary Term 2022

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 **8 February 2022**
Events shown on this list are generally one hour long unless stated otherwise.

Subject	Lecturer	Time*	Place
GRADUATE SEMINARS			
Algebraic Geometry	Frances Kirwan	Tu. 3:30	C6, Mathematical Institute
Algebra Seminar	Prof. Kevin McGerty, Prof. Nikolay Nikolov & Prof. Dan Ciubotaru	Tu. 2.–3.30	L6, Mathematical Institute
Applied Topology	Heather Harrington & Ulrike Tillmann	F. 3	L6, Mathematical Institute
Applied Topology reading group	The Centre for TDA	F. 12	N3.12 (wks 1-3, 5-8) N4.01 (wk 4) Mathematical Institute
Computational Mathematics and Applications	Prof. Nick Trefethen, Prof. Yuji Nakatsukasa and Prof. Patrick Farrell	Th.2	L3, Mathematical Institute
Data Science Seminar	Melanie Weber	M. 2	L3, Mathematical Institute and mix of online
Derived Analytic Geometry Reading Group	Rhiannon Savage, Jay Swar, Finn Wiersig	M.2	L4, Mathematical Institute
Combinatorics	Prof Alex Scott	Tu. 2	L4 Wk 1-2 L2 wk 3-5 C2 wk 6 L4 wk 7,8 Mathematical Institute
Fridays@4	Prof. Ian Griffiths	F.4	L1, Mathematical Institute
Functional Analysis	Prof. Stuart White	Tu. 4	C1, Mathematical Institute
Geometry & Analysis	Frances Kirwan	M. 2:15	L5, Mathematical Institute
Industrial and Applied Mathematics	Dr Hadrien Oliveri and Dr Agnese Barbensi	Th. 11:30 – 1:30	L3, Mathematical Institute
Junior Algebra and Representation Theory	James Timmins and Ruben LA	F.2	N3.12, Mathematical Institute
Junior Applied Mathematics	Matthew Shirley	Tu. 12.30 (even weeks)	C2, Mathematical Institute
Junior Geometry seminar	George Cooper, Andrés Ibáñez Núñez, Gilles Englebert	Th. 3 C1 wk 1 C2 wks 2-8	Mathematical Institute
Junior Number Theory	Prof. Ben Green	M. 4–6	S1.37, Mathematical Institute
Junior Topology and Group Theory	Adele Jackson	W. 4 C2, wks 1, 2, 4-8 N3.12 wk 3	Mathematical Institute
Mathematical Brain Modelling	Prof. Alain Goriely, Dr. Hadrien Oliveri, Dr. Travis Thompson	Tu. 3:30	S1.37, Mathematical Institute
Mathematical Biology & Ecology	Prof. Philip Maini, and Dr Peter Minary	F.2	L3, Mathematical Institute
Mathematical & Computational Finance Seminar	Prof. Rama Cont	Th. 4	L5, Mathematical Institute
Mathematical Geoscience	Prof. Ian Hewitt	F. 2 (even weeks)	L4, Mathematical Institute

Networks Seminar	Yu Tian and Erik Hormann	Tu. 2	C1, Mathematical Institute
Number Theory Seminar	Prof. Ben Green	Th. 4 L5 wks 3-5, 8 L4 wks 6 & 7	Mathematical Institute
Numerical Analysis Internal Seminar	Prof. Farrell, Prof. Naktsukasa, Prof. Trefethen	Tu. 2 wks 1, 3, 5, 7	L5, Mathematical Institute
Nonlinear PDE	Prof. Gui-Qiang G. Chen	Th. 3:30 - 5:30	Mathematical Institute (tentative: Online)
OxPDE Student Seminar	Chris Irving	F. 11 C6 wks 1-7 C4 wk 8	Mathematical Institute
p-adic Hodge Theory	James Taylor and Finn Wiersig	TBD	Email James or Finn for more info
Partial Differential Equations Seminar	Prof. Luc Nguyen	M. 4:30	L5, Mathematical Institute
PDE CDT Lunchtime Seminar	Ben Fehrman and Eliana Fausti	Th. 12	Mathematical Institute (Mix with Online)
Quantum Field Theory/Relativity	Dr Keith Hannabuss, Prof Lionel Mason & Dr Florence Tsou	Tu.12–1:30 (Quantum Field Theory odd weeks, Relativity even weeks)	L5, Mathematical Institute
Random Matrix Theory Seminar	Prof. Jon Keating	Tu.3.30 (weeks 1-8)	L6, Mathematical Institute
Stochastic Analysis and Mathematical Finance Seminar	Prof. Terry Lyons and Prof Rama Cont	M. 3:30 – 4:30	L3, Mathematical Institute
String Theory	Sakura Schafer-Nameki and Luis Fernando Alday	M.12:45	
Topology Seminar	Prof. Dawid Kelak, Prof. Andras Juhasz & Dr Andre Henriques	M.3:30	L5, Mathematical Institute

WORKSHOPS			
Industrial and Interdisciplinary Workshops	Prof C Breward and Dr Y Sun	F.10	L5, Mathematical Institute
Probability workshops	Prof James Martin	W.12	L3, Mathematical Institute

ADVANCED CLASSES			
Graph Complexes	Francis Brown	W. TBD	
Nonlinear Hyperbolic PDEs	Gui-Qiang	W. 2-4 (weeks 4-7)	L4+Online (Hybrid), Mathematical Institute
Topology	Dr Andre Henriques and Lukas Bratner	M.11	C5, 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			
C6.2 Continuous Optimisation	Prof. Coralia Cartis	Th. 10, L5 F. 3, L1	Mathematical Institute
C8.2 Stochastic Analysis and PDEs	Prof Harald Oberhauser	M. 4-5, L2 Tu. 4-5, L2	Mathematical Institute
C8.4 Probabilistic Combinatorics	Prof. Oliver Riordan	W. 3, L2 Th. 11, L6	Mathematical Institute
C8.6 Limit Theorems and Large Deviations in Probability	Prof. Zhongmin Qian	M. 10-11, L6 Th. 12, L2	Mathematical Institute
Optimisation for Data Science	Prof Raphael Hauser & Prof Coralia Cartis	Th. 3, L1 F. 12, L2	Mathematical Institute

SC4 Advanced Topics in Statistical Machine Learning	Dr Tom Rainforth	M. 2 W. 11	Department of Statistics, LG.01
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. 11 W. 11 (weeks 1-4)	L4, Mathematical Institute
Fixed Income and Credit	Prof. Ben Hambly	M. 12 W. 12	L4, Mathematical Institute
Quantitative Risk Management	Prof. Jan Obloj	Tu. 11-1 Weeks 7-8	L4, Mathematical Institute
Deep Learning	Prof. Justin Sirignano	W. 9 Th. 9 Weeks 1-8	L2, Mathematical Institute
Elective Courses			
Advanced Monte Carlo Methods	Prof. Christoph Reisinger	Tu. 11-1 (wk 3, 4, 5) L4 F. 10-12 (wk 5) L5 Weeks 3-5	Mathematical Institute
Advanced Numerical Methods	Prof. Christoph Reisinger	F. 10-12 Weeks 1-4	L5, Mathematical Institute
Stochastic Volatility	Prof. Alvaro Cartea	Th. 10 Weeks 1-4	L4, Mathematical Institute
Asset Pricing	Prof. Alvaro Cartea	Tu. 11-1 Weeks 1-2	L4, Mathematical Institute
Market Microstructure and Algorithmic Trading	Prof. Jan Obloj	Th. 11-1 Weeks 1-4	L4, Mathematical Institute
Optimisation	Prof. Hanqing Jin	Th. 10 Weeks 5-8	L4, Mathematical Institute
Computer Programming			
Financial Computing with C++ II	Dr Dmitry Kramkov	M. 2-3.30 W. 2-3.30	MS Teams

M.Sc IN MATHEMATICAL AND THEORETICAL PHYSICS			
Advanced Fluid Dynamics	Prof C Terquem and Dr Paul Dellar	M. 10 Tu. 12 Th. 2-4 Q&A sessions	Dept of Physics, Lindemann
Advanced Quantum Field Theory	Dr Lucian Harland-Lang		Recorded lectures on Canvas Dept of Physics
Applied Complex Variables	Prof. Jon Chapman	M. 4, L4 Th. 4, L2	Mathematical Institute
Collisionless Plasma Physics		Weeks 2-5 W. 10 F. 3	Dept of Physics, Fisher Room
Cosmology	Prof. Pedro Ferreira	W. 11-1	Dept of Physics, Fisher Room
Galactic and Planetary Dynamics	Dr John Magorrian	Tu.2-4	Dept of Physics, Fisher Room
General Relativity II	Prof Alex Ochirov	Tu. 11, L5 W. 9, L4	Mathematical Institute
Geometric Group Theory	Prof. Cornelia Drutu	Th. 11, L2 F. 11, L3	Mathematical Institute
Geophysical Fluid Dynamics	Prof. Andrew Wells	Tu. 10 F. 10 Weeks 1-3	Dept of Physics, Dennis Sciama
Introduction to Quantum Information	Prof. Artur Ekert	Tu. 3, L5 W. 2, L2	Mathematical Institute
Nonequilibrium Statistical Physics	Prof. Ramin Golestanian	W. 3-5 Th. 4-6 Weeks 1-4	Dept of Physics, Lindemann
Radiative processes and High Energy Astrophysics		W. 12 (Wks 2-8 Th. 10 (Wks 2-8) F. 9 (wks 1-4)	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	Tu. 9, L5 Th. 10, L6	Mathematical Institute
Supersymmetry and Supergravity	Dr Federico Bonetti	M. 3	L6, Mathematical Institute
Symbolic, Numerical and Graphical Scientific Programming	Prof. Philip Candelas	W. 4-6	L6, Mathematical Institute
Quantum Matter	Prof Steve Simon	M. 2-4	Dept of Physics Recorded lectures available on Canvas + Monday sessions for Q&As + exam practice (Lindemann)

M.Sc IN MATHEMATICAL MODELLING AND SCIENTIFIC COMPUTING

CORE

A2 Nonlinear Systems	Prof. Jon Chapman	M. 2, L1 Th. 9 L3	Mathematical Institute
A2 Further Mathematical Methods	Prof Dominic Vella	M. 5 W. 10 (wks 5-8)	L6, Mathematical Institute
A2 Further Partial Differential Equations	Prof. Ian Griffiths	W. 11	L6, Mathematical Institute
B2 Continuous Optimisation	Prof. Coralia Cartis	Th. 10, L5 F. 3, L2	Mathematical Institute
Case Studies in Mathematical Modelling	Prof. Philip Maini	Tu. 3-5 Wks 1 and 8	L4, Mathematical Institute
Case Studies in Scientific Computing	Dr Kathryn Gillow	W. 12 Week 1 only	L6, Mathematical Institute

SPECIAL TOPICS

Applied Complex Variables	Prof. Jon Chapman	M. 4, L4 Th. 4, L2	Mathematical Institute
Computational Algebraic Topology	Dr Vidit Nanda	Tu. 11, L6 Th. 2, L2	Mathematical Institute
Elasticity and Plasticity	Prof. Peter Howell	W. 4 F. 4	L3, Mathematical Institute
Finite Element Methods for Partial Differential Equations	Prof. Patrick Farrell	M. 3, L2 F. 11, L6 (L4 wk 4 only)	Mathematical Institute
Mathematical Mechanical Biology	Prof. Derek Moulton	M. 10, L2 Tu. 10, L5	Mathematical Institute
Mathematical Models of Financial Derivatives	Prof. Sam Cohen	Tu. 2 W. 2	L1, Mathematical Institute
Networks	Prof. Renaud Lambiotte	M. 12-2	L3, Mathematical Institute
Optimisation for Data Science	Prof Raphael Hauser & Prof Coralia Cartis	Th. 3, L1 F. 12, L2	Mathematical Institute
Statistical Mechanics	Prof. Andreas Muench	M. 9, L3 F. 5, L4	Mathematical Institute
Stochastic Modelling of Biological Processes	Prof. Radek Erban	M. 11, L1 Th. 11, L5 (wks 1-4,6-8) F. 9, L5 (wk 4)	Mathematical Institute
Waves and Compressible Flow	Prof. Jim Oliver		Pre-recorded lectures via Moodle

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. Victor Flynn	M. 3, L1 W. 12, L2	Mathematical Institute
Commutative Algebra	Prof. Damian Rössler	M. 10, L3 F. 11, L2	Mathematical Institute
Gödel's Incompleteness Theorems	Dr Robin Knight	M. 3, L4 W. 3, L3	Mathematical Institute
Lambda Calculus and Types			See Department of Computer Science for arrangements
Lie Groups	Prof. Frances Kirwan	M. 5	L2, Mathematical Institute

		Th. 5	
Schedule II			
Additive and Combinatorial Number Theory	Prof. Ben Green	M. 12, L2 F. 12, L3	Mathematical Institute
Axiomatic Set Theory	Dr Rolf Suabedissen	Th. 9, L6 F. 9, L5 (wks 1-3, 5-8) L3 (wk 4)	Mathematical Institute
Geometric Group Theory	Prof. Cornelia Drutu	Th. 11, L2 F. 11, L3	Mathematical Institute
Introduction to Schemes	Prof. Alex Ritter	Tu. 2-4	L3, Mathematical Institute
Non-commutative Rings	Prof. Nikolay Nikolov	M. 2, L2 W. 2, L3	Mathematical Institute
Representation Theory of Semisimple Lie Algebras	Prof Andre Henriques	W. 4 F. 4	L4, Mathematical Institute
Section B: Applicable Theories			
Schedule I			
Computational Complexity			See Department of Computer Science for arrangements
Schedule II			
Categorical Quantum Mechanics			See Department of Computer Science for arrangements
Computational Algebraic Topology	Dr Vidit Nanda	Tu. 11, L6 Th. 2, L2	Mathematical Institute
Computational Game Theory			See Department of Computer Science for arrangements
Elliptic Curves	Prof. Alan Lauder	Tu. 9, L3 W. 11, L5	Mathematical Institute
Networks	Prof. Renaud Lambiotte	M. 12-2	L3, Mathematical Institute
Probabilistic Combinatorics	Prof. Oliver Riordan	W. 3, L2 Th. 11, L6	Mathematical Institute
Probability and Computing			See Department of Computer Science for arrangements
MATHEMATICS			
Prelims			
I: Linear Algebra II	Prof. James Maynard	M.10 (wk 1-4) Tu. 10 (wk 1-4)	L1, Mathematical Institute
I: Groups and Group Actions	Prof. Nikolay Nikolov	M. 10 (wk 5-8) Tu. 10 (wk 1-4)	L1, Mathematical Institute
II: Analysis II	Prof. Zhongmin Qian	M. 9 Tu. 9	L1, Mathematical Institute
IV: Dynamics	Prof. Eamonn Gaffney	W. 10 F. 10	L1, Mathematical Institute
V: Multivariable Calculus	Dr Richard Earl	Th. 9 F. 9	L1, Mathematical Institute
V: Fourier Series and PDEs	Prof. Jim Oliver		Pre-recorded lectures via Moodle
Computational Mathematics	Prof. Nick Trefethen	W. 11 (wk 1 and 3)	L1, Mathematical Institute
Fridays@2		F. 2 Wks 6,7	L1, Mathematical Institute
Part A			
A3: Rings and Modules	Prof. Tom Sanders	M. 11 Tu. 11	L2, Mathematical Institute
A4: Integration	Prof. Stuart White	M. 10 F. 10	L2, Mathematical Institute
A5: Topology	Dr Andre Henriques	T. 10 F. 11	L2, Mathematical Institute

A6: Differential Equations 2	Prof. Renaud Lambiotte	M. 9 Tu. 9	L2, Mathematical Institute
A7: Numerical Analysis	Prof. Andy Wathen	W. 11, L2 Th. 11, L1	Mathematical Institute
A9: Statistics	Dr Neil Laws	W. 10 Th. 10	L2, Mathematical Institute
A10: Waves and Fluids	Prof. Sarah Waters		Pre-recorded lectures via Moodle
ASO: Integral Transforms	Prof. Sam Howison	Tu. 4 (wk 2) L2 W. 4 (wk 1, 4) L1, (wk 3) L2 F. 9 (wk 1-4) L2	Mathematical Institute
Fridays@2		F. 2	L1, Mathematical Institute
Part B			
B1.2 Set Theory	Dr Robin Knight	M. 4 Th. 2	L1, Mathematical Institute
B2.2 Commutative Algebra	Prof. Damian Rössler	M. 10, L3 F. 11, L2	Mathematical Institute
B3.3 Algebraic Curves	Prof. Frances Kirwan	Tu. 5, L1 W. 5 L1 (L3 Wk 3 & 8)	Mathematical Institute
B3.4 Algebraic Number Theory	Prof. Victor Flynn	M. 3, L1 W. 12, L2	Mathematical Institute
B4.2 Functional Analysis II	Prof. Luc Nguyen	W. 10 F. 10	L3, Mathematical Institute
B4.4: Fourier Analysis and PDE's	Prof. Jan Kristensen	Tu. 9, L4 W. 9, L3	Mathematical Institute
B5.1 Stochastic Modelling of Biological Processes	Prof. Radek Erban	M. 11, L1 Th. 11, L5 (wks 1-4,6-8) F. 9, L5 (wk 4)	Mathematical Institute
B5.4 Waves and Compressible Flow	Prof. Jim Oliver		Pre-recorded lectures via Moodle
B5.6 Nonlinear Systems	Prof. Jon Chapman	M. 2, L1 Th. 9 L3	Mathematical Institute
B6.2 Optimisation for Data Science	Prof Raphael Hauser & Prof Coralia Cartis	Th. 3, L1 F. 12, L2	Mathematical Institute
B7.2 Electromagnetism	Prof. James Sparks	Tu. 11, L1 W. 11, L3	Mathematical Institute
B7.3 Further Quantum Theory	Prof. Chris Beem	Tu. 10 Th. 10	L3, Mathematical Institute
B8.2 Continuous Martingales and Stochastic Calculus	Prof. Sam Cohen	Tu. 3 W. 3	L1, Mathematical Institute
B8.3 Mathematical Models of Financial Derivatives	Prof. Sam Cohen	Tu. 2 W. 2	L1, Mathematical Institute
B8.4 Information Theory	Prof Hanqing Jin	Tu. 4, L1 Th. 4, L3	Mathematical Institute
BO1.1 History of Maths	Dr Brigitte Stenhouse	M. 12 - 1.30, C6 (wks 1, 3-8) M. 4-5:30, C5 (wk 2)	Mathematical Institute
SB1.2 Computational Statistics	Prof. Dino Sejdinovic and Prof. Frank Windmeijer	W. 10 (wk 1-7) Th. 11 (wk 1-6)	Department of Statistics, LG.01
SB1.2 Computational Statistics Practical	Prof. Dino Sejdinovic and Prof. Frank Windmeijer	W. 11.30-1 Wks 4 & 8	Department of Statistics, LG.02
SB2.2 Statistical Machine Learning	Prof Francois Caron	M. 12 Th. 9	Department of Statistics, LG.01
SB3.1 Applied Probability	Prof Christina Goldschmidt	M. 3 (wk 2-8) F. 3-5 (wk 1) F. 3. (wk 2-8)	Department of Statistics, LG.01
OCS1 Lambda Calculus and Types	Linear Algebra	TBD	See Department of Computer Science for arrangements
OCS2 Computational Complexity		TBD	See Department of Computer Science for arrangements
101 Early Modern Philosophy	Prof William Mander	M. 10	Exam Schools (Room 6)
102 Knowledge and Reality: Metaphysics	Prof Alexander Kaiserman	W. 10	Exam Schools (North School)
Fridays@2		F. 2	L1, Mathematical Institute

Part C/OMMS			
C1.2 Gödel's Incompleteness Theorems	Dr Robin Knight	M. 3, L4 W. 3, L3	Mathematical Institute
C1.4 Axiomatic Set Theory	Dr Rolf Suabedissen	Th. 9, L6 F. 9, L5 (wks 1-3, 5-8) L3 (wk 4)	Mathematical Institute
C2.3 Representation Theory of Semisimple Lie Algebras	Prof Andre Henriques	W. 4 F. 4	L4, Mathematical Institute
C2.5 Non-commutative Rings	Prof. Nikolay Nikolov	M. 2, L2 W. 2, L3	Mathematical Institute
C2.6 Introduction to Schemes	Prof. Alex Ritter	Tu. 2-4	L3, Mathematical Institute
C3.2 Geometric Group Theory	Prof. Cornelia Drutu	Th. 11, L2 F. 11, L3	Mathematical Institute
C3.5 Lie Groups	Prof. Frances Kirwan	M. 5 Th. 5	L2, Mathematical Institute
C3.7 Elliptic Curves	Prof. Alan Lauder	Tu. 9, L3 W. 11, L5	Mathematical Institute
C3.9 Computational Algebraic Topology	Dr Vidit Nanda	Tu. 11, L6 Th. 2, L2	Mathematical Institute
C3.10 Additive and Combinatorial Number Theory	Prof. Ben Green	M. 12, L2 F. 12, L3	Mathematical Institute
C3.11 Riemannian Geometry	Prof. Jason Lotay	Tu. 5, L2 W. 10, L5	Mathematical Institute
C4.6 Fixed Point Methods for Nonlinear PDEs	Prof Andrea Mondino	Tu. 11-1	L3, Mathematical Institute
C5.2 Elasticity and Plasticity	Prof. Peter Howell	W. 4 F. 4	L3, Mathematical Institute
C5.3 Statistical Mechanics	Prof. Andreas Muench	M. 9, L3 F. 5, L4	Mathematical Institute
C5.4 Networks	Prof. Renaud Lambiotte	M. 12-2	L3, Mathematical Institute
C5.6 Applied Complex Variables	Prof. Jon Chapman	M. 4, L4 Th. 4, L2	Mathematical Institute
C5.9 Mathematical Mechanical Biology	Prof. Derek Moulton	M. 10, L5 Tu. 10, L5	Mathematical Institute
C6.2 Continuous Optimisation	Prof. Coralia Cartis	Th. 10, L5 F. 3, L1	Mathematical Institute
C6.4 Finite Element Methods for Partial Differential Equations	Prof. Patrick Farrell	M. 3, L2 F. 11, L6 (L4 wk 4 only)	Mathematical Institute
C7.4 Introduction to Quantum Information	Prof. Artur Ekert	Tu. 3, L5 W. 2, L2	Mathematical Institute
C7.6 General Relativity II	Prof Alex Ochirov	Tu. 11, L5 W. 9, L4	Mathematical Institute
C7.7 Random Matrix Theory	Prof. Jon Keating	Th. 9, L4 F. 9, L5	Mathematical Institute
C8.2 Stochastic Analysis and PDEs	Prof Harald Oberhauser	M. 4-5, L2 Tu. 4-5, L2	Mathematical Institute
C8.4 Probabilistic Combinatorics	Prof. Oliver Riordan	W. 3, L2 Th. 11, L6	Mathematical Institute
C8.6 Limit Theorems and Large Deviations in Probability	Prof. Zhongmin Qian	M. 10-11, L6 Th. 12, L2	Mathematical Institute
SC4 Advanced Topics in Statistical Machine Learning	Dr Tom Rainforth	M. 2 W. 11	Department of Statistics, LG.01
SC5 Advanced Simulation Methods	Dr Gonzalo Mena and Dr Jun Yang	Tu. 12 F. 12	Department of Statistics, LG.01
SC8 Topics in Computational Biology	Prof. Jotun Hein	Tu. 2. Th. 10	Department of Statistics, LG.01
SC10 Algorithmic Foundations of Learning	Prof. Patrick Rebeschini	M. 9 W. 9	Department of Statistics, LG.01
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	Prof. James Maynard	M.10 (wk 1-4) Tu. 10 (wk 1-4)	L1, Mathematical Institute
I: Groups and Group Actions	Prof. Nikolay Nikolov	M. 10 (wk 5-8) Tu. 10 (wk 1-4)	L1, Mathematical Institute
II: Analysis II	Prof. Zhongmin Qian	M. 9 Tu. 9	L1, Mathematical Institute
Philosophy:			
Elements of Deductive Logic	Dr Alex Paseau	Tu. 12	L1, Mathematical Institute
Part A			
Mathematics:			
A3: Rings and Modules	Prof. Tom Sanders	M. 11 Tu. 11	L2, Mathematical Institute
A4: Integration	Prof. Stuart White	M. 10 F. 10	L2, Mathematical Institute
A5: Topology	Dr Andre Henriques	T. 10 F. 11	L2, 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 Robin Knight	M. 4 Th. 2	L1, Mathematical Institute
Philosophy:			
[For further Philosophy lectures, please consult the Philosophy lecture list https://www.philosophy.ox.ac.uk/lectures]			
101 Early Modern Philosophy	Prof William Mander	M. 10	Exam Schools (Room 6)
102 Knowledge and Reality: Metaphysics	Prof Alexander Kaiserman	W. 10	Exam 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	Dr Robin Knight	M. 3, L4 W. 3, L3	Mathematical Institute
C1.4 Axiomatic Set Theory	Dr Rolf Suabedissen	Th. 9, L6 F. 9, L5 (wks 1-3, 5-8) L3 (wk 4)	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. Robert Davies and Prof George Deligannidis	Tu. 3, LG.01 Th. 2-4 (wk 3-8) LG.02	Department of Statistics
The lectures above for Mathematics Part A all apply.			
Part B			
SB1.2 Computational Statistics	Prof. Dino Sejdinovic and Prof. Frank Windmeijer	W. 10 (wk 1-7) Th. 11 (wk 1-6)	Department of Statistics, LG.01
SB1.2 Computational Statistics Practical	Prof. Dino Sejdinovic and Prof. Frank Windmeijer	W. 11.30-1 Wks 4 & 8	Department of Statistics, LG.02
SB2.2 Statistical Machine Learning	Prof Francois Caron	M. 12 Th. 9	Department of Statistics, LG.01
SB3.1 Applied Probability	Prof Christina Goldschmidt	M. 3 (wk 2-8) F. 3-5 (wk 1) F. 3. (wk 2-8)	Department of Statistics, LG.01

[Other courses listed under Mathematics Part B can also be taken]			
Part C			
SC4 Advanced Topics in Statistical Machine Learning	Dr Tom Rainforth	M. 2 W. 11	Department of Statistics, LG.01
SC5 Advanced Simulation Methods	Dr Gonzalo Mena and Dr Jun Yang	Tu. 12 F. 12	Department of Statistics, LG.01
SC8 Topics in Computational Biology	Prof. Jotun Hein	Tu. 2. Th. 10	Department of Statistics, LG.01
SC10 Algorithmic Foundations of Learning	Prof. Patrick Rebeschini	M. 9 W. 9	Department of Statistics, LG.01
[Other courses under Mathematics Part C can also be taken]			

FOOTNOTE REFERENCES

*   Lectures begin on the first day possible after the beginning of Full Term (Sunday, 16 January), unless otherwise stated in this column. Events take place every Week of Full Term (Weeks 1–8) unless otherwise stated.