

B. COURSES OFFERED IN 2026-2027

CS = Computer Science

B or C = undergraduate courses

Bespoke Maths = pure MFoCS courses

Schedule I

Algebraic Topology - C	Prof Andras Juhasz	MT
Analytic Number Theory - C	Prof Tom Sanders	MT
Analytic Topology - C	Prof Rolf Suabedissen	MT
Categories, Proofs, and Processes – (CS)	Prof Bartek Klin	MT
Category Theory - C	Prof André Henriques	MT
Combinatorial Optimisation (CS)	Prof Standa Živný	MT
Computer-Aided Formal Verification (CS)	Prof David Parker	MT
Godel's Incompleteness Theorems - C	Dr Robin Knight	MT
Information Theory - B	Prof Ben Hambly	MT
Integer Programming - B	Dr Jari Fowkes	MT
Quantum Processes and Computation (CS)	Prof Aleks Kissinger	MT
Topology and Groups - B	Prof André Henriques	MT
Algebraic Number Theory – B	Dr Hanneke Wiersema	HT
Computational Complexity (CS)	Prof Paul Goldberg	HT
Graph Theory - B	Prof. Oliver Riordan	HT
Introduction to Quantum Information - C	Prof Artur Ekert	HT
Model Theory - C	Prof Jochen Koenigsmann	HT

Schedule II

Additive Number Theory – C	Prof James Maynard	MT
Algebraic Geometry - C	Prof Dominic Joyce	MT
Combinatorics - C	Prof Alex Scott	MT
Computational Game Theory (CS)	Prof Michael Wooldridge	MT
Distributed processes, types, and programming (CS) – with Practical	Prof Nobuko Yoshida	MT
Homological Algebra - C	Prof Pierrick Bousseau	MT
Infinite Groups - C	Prof Panos Papazoglou	MT
Automata, Logic and Games (CS)	Prof Michael Benedikt	HT
Axiomatic Set Theory - C	Dr Robin Knight	HT
*Classical and quantum compositional distributional meaning (bespoke maths)	Prof Bob Coecke	HT
Computational Algebraic Topology - C	Prof Vidit Nanda	HT
Elliptic Curves - C	Prof Victor Flynn	HT
Foundations of Self-Programming Agents (CS)	Prof Giuseppe de Giacomo	HT
Geometric Deep Learning (CS) – with Practical	Prof Michael Bronstein	HT

Geometric Group Theory - C	Prof Panos Papazoglou	HT
Low-dimensional Topology and Knot Theory - C	Prof Andras Juhasz	HT
Networks - C	Dr Karel Devriendt	HT
	Dr Gillian Grindstaff	
Probabilistic Combinatorics - C	Prof Paul Balister	HT
*Applied Category Theory (bespoke Maths)	Dr Paolo Perrone	TT
*Topological Groups (bespoke Maths)	Prof Tom Sanders	TT

*These courses are offered as directed reading courses, with syllabuses provided as in the case of lecture courses.

We regret that due to timetabling restrictions there will be a number of clashes between lecture courses. Please check the lecture timetable carefully.