

MSc in Mathematical Modelling and Scientific Computing
Timetable: Hilary Term 2026

Time	Mon	Tue	Wed	Thu	Fri
9-10	L4 Solid Mechanics Prof. Goriely	L4 Computational Algebraic Topology Prof. Nanda			L6 Waves and Compressible Flow Prof. Howell
10-11	L4 Solid Mechanics Prof. Goriely	L6 Stochastic Modelling of Biological Processes Prof. Bruna	L5 (Core) Further Partial Differential Equations Prof. Dalwadi		
11-12	L1 Applied Complex Variables Prof. Oliver			L2 Optimisation for Data Science Prof. Cartis	L1 Mathematical Models of Financial Derivatives Prof. Howison
				L5 Applied Complex Variables Prof. Oliver	
12-1	L1 Finite Element Methods for PDEs Prof. Farrell	L5 Finite Element Methods for PDEs Prof. Farrell	L6 Stochastic Modelling of Biological Processes Prof. Bruna	L2 Optimisation for Data Science Prof. Cartis	L1 Mathematical Models of Financial Derivatives Prof. Howison
					L4 Computational Algebraic Topology Prof. Nanda
1-2					
2-3	L1 Networks Prof. Lambiotte	L1 (Core) Continuous Optimisation Prof. Cartis	L1 (weeks 1 & 8 only) (Core) Case Studies in Mathematical Modelling Prof. Thompson	L5 Waves and Compressible Flow Prof. Howell	L1 Fridays@2
3-4		L1 (Core) Continuous Optimisation Prof. Cartis	L1 (weeks 1 & 8 only) (Core) Case Studies in Mathematical Modelling Prof. Thompson	L6 (week 1 only) (Core) Case Studies in Scientific Computing Dr Gillow	L1 Optimal Control Prof. Cohen
				L1 (weeks 5- 8) (Core) Further Mathematical Methods Prof. Münch	
4-5	L2 Optimal Control Prof. Cohen	L1 Networks Prof. Lambiotte	L2 (weeks 1-4) (Core) Nonlinear Dynamics, Bifurcations and Chaos Prof. Erban	L1 (wks 5- 8) (Core) Further Mathematical Methods Prof. Münch	L2 (weeks 1-4) (Core) Nonlinear Dynamics, Bifurcations and Chaos Prof. Erban
					L1 Fridays@4