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 (weeks 4 & 6 only) Stochastic Modelling of Biological Processes Prof. Bruna			L6 Waves and Compressible Flow Prof. Howell
10-11	L4 Solid Mechanics Prof. Goriely	L6 (weeks 1-4 & 6-8) 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 L5 Applied Complex Variables Prof. Oliver	L1 Mathematical Models of Financial Derivatives Prof. Howison
12-1	L1 Finite Element Methods for PDEs Prof. Farrell	L5 Finite Element Methods for PDEs Prof. Farrell	L6 (weeks 1-4 & 6-8) 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	L3 (week 1 only) **(Core)** Case Studies in Scientific Computing Dr Gillow L1 (weeks 5-8) **(Core)** Further Mathematical Methods Prof. Münch	L1 Optimal Control Prof. Cohen
4-5	L2 Optimal Control Prof. Cohen	L1 Networks Prof. Lambiotte	L2 (weeks 1-4) **(Core)** Nonlinear Dynamics, Bifurcations and Chaos Prof. Erban	L3 (week 1 only) **(Core)** Case Studies in Scientific Computing Dr Gillow L1 (weeks 5-8) **(Core)** Further Mathematical Methods Prof. Münch	L2 (weeks 1-4) **(Core)** Nonlinear Dynamics, Bifurcations and Chaos Prof. Erban L1 Fridays@4