MSc in Mathematical Modelling and Scientific Computing
Timetable: Hilary Term 2025

Time	Mon	Tue	Wed	Thu	Fri
9-10	L5 Waves and Compressible Flow Prof Howell L6 (week 3 only) Applied Complex Variables Prof Chapman	L6 Computational Algebraic Topology Prof Nanda L5 (weeks 3 & 5 only) Applied Complex Variables Prof Chapman		L5 (weeks 1, 2, 4-8) Applied Complex Variables Prof Chapman	L5 (weeks 1, 2, 4, 6-8) Applied Complex Variables Prof Chapman
10-11	L4 Finite Element Methods for PDEs Prof Süli	L6 (week 1 only) **(Core)** Case Studies in Scientific Computing Dr Gillow			L6 Solid Mechanics Prof Goriely
11-12	L6 Optimal Control Prof Cohen		L1 (weeks 1-4) **(Core)** Nonlinear Dynamics, Bifurcations and Chaos Prof Erban		L6 Solid Mechanics Prof Goriely L1 Mathematical Models of Financial Derivatives Prof Howison
12-1	L6 (wks 5- 8) **(Core)** Further Mathematical Methods Prof Grindrod	L4 **(Core)** Further Partial Differential Equations Prof Dalwadi	L2 Stochastic Modelling of Biological Processes Dr Banaji		L1 Mathematical Models of Financial Derivatives Prof Howison L4 Computational Algebraic Topology Prof Nanda L2 Stochastic Modelling of Biological Processes Dr Banaji
1-2					
2-3		L1 **(Core)** Continuous Optimisation Prof Cartis	L2 Optimisation for Data Science Prof Cartis	L2 (weeks 1-4) **(Core)** Nonlinear Dynamics, Bifurcations and Chaos Prof Erban	L1 Fridays@2
3-4		L1 **(Core)** Continuous Optimisation Prof Cartis	L2 Optimisation for Data Science Prof Cartis	L6 (weeks 5- 8) **(Core)** Further Mathematical Methods Prof Grindrod	
4-5	L6 (weeks 1 & 8 only) **(Core)** Case Studies in Mathematical Modelling Prof Thompson	L2 Networks Prof Grindrod		L2 Networks Prof Grindrod	L1 Fridays@4
5-6	L6 (weeks 1 & 8 only) **(Core)** Case Studies in Mathematical Modelling Prof Thompson	L4 Optimal Control Prof Cohen		L4 Waves and Compressible Flow Prof Howell L5 Finite Element Methods for PDEs Prof Süli	