

MSc in Mathematical Modelling and Scientific Computing

Timetable: Hilary Term 2027

Time	Mon	Tue	Wed	Thu	Fri
9-10			L5 Stochastic Modelling of Biological Processes Prof. Bruna	L6 Finite Element Methods for PDEs Dr Papadopoulos	
10-11	L5 Stochastic Modelling of Biological Processes Prof. Bruna	L5 Optimal Control Prof. Cohen	L5 Computational Algebraic Topology Prof. Nanda	L6 Finite Element Methods for PDEs Dr Papadopoulos	L5 Machine Learning Dr Kanari
11-12	L1 (weeks 1-3) (Core) Mathematical Modelling Prof. Thompson	L5 Elasticity and Plasticity Prof. Vella	L5 Optimal Control Prof. Cohen	L1 Optimisation for Data Science Prof. Hauser & Prof. Rebroya	L2 Mathematical Models of Financial Derivatives Prof. Howison
12-1	L1 (weeks 1-3) (Core) Mathematical Modelling Prof. Thompson	L5 Waves and Compressible Flow Prof. Gaffney	L1 Elasticity and Plasticity Prof. Vella	L1 Optimisation for Data Science Prof. Hauser & Prof. Rebroya	L2 Mathematical Models of Financial Derivatives Prof. Howison
1-2					
2-3	L1 (week 3 only) (Core) Case Studies in Mathematical Modelling Prof. Thompson	L1 (Core) Continuous Optimisation Prof. Hauser & Dr Garner	L2 Networks Dr Grindstaff & Dr Devriendt	L1 (week 8 only) (Core) Case Studies in Mathematical Modelling Prof. Thompson	L1 Fridays@2
3-4	L1 (week 3 only) (Core) Case Studies in Mathematical Modelling Prof. Thompson	L1 (Core) Continuous Optimisation Prof. Hauser & Dr Garner		L1 (weeks 1-3) (Core) Mathematical Modelling Prof. Thompson	
				L1 (week 8 only) (Core) Case Studies in Mathematical Modelling Prof. Thompson	
4-5	L2 (Core) Perturbation Methods Prof. Baker	L2 Networks Dr Grindstaff & Dr Devriendt	L2 (Core) Perturbation Methods Prof. Baker	L2 Nonlinear Dynamics, Bifurcations and Chaos Prof. Münch & Dr Hill	L5 Computational Algebraic Topology Prof. Nanda
5-6			L5 Waves and Compressible Flow Prof. Gaffney	L2 Nonlinear Dynamics, Bifurcations and Chaos Prof. Münch & Dr Hill	