Special Topics

Michaelmas Term 2020

- Approximation of Functions [C], Prof Nick Trefethen, C6.3
- Further Mathematical Biology [M], Prof Ruth Baker, B5.5
- Integer Programming [C], Prof Raphael Hauser, B6.3
- Mathematical Geoscience [M], Prof Ian Hewitt, C5.11
- Mathematical Physiology [M], Prof Andrew Fowler, C5.12
- Perturbation Methods [O], Prof Eamonn Gaffney, C5.5
- Solid Mechanics [M], Prof Alain Goriely, C5.1
- Stochastic Differential Equations [O], Dr Benjamin Fehrman, C8.1
- Theories of Deep Learning [C], Prof Jared Tanner, C6.5
- Topics in Fluid Mechanics [M], Prof Andrew Fowler, C5.7
- Viscous Flow [M], Prof Paul Dellar, B5.3

Hilary Term 2021

- Applied Complex Variables [O], Prof Ian Hewitt, C5.6
- Computational Algebraic Topology [O], Prof Vidit Nanda and Prof Samson Abramsky, C3.9
- Elasticity and Plasticity [M], Prof Peter Howell, C5.2
- Finite Element Methods for PDEs [C], Prof Patrick Farrell, C6.4
- Mathematical Mechanical Biology [M], Prof Derek Moulton, C5.9
- Mathematical Models of Financial Derivatives [M], Prof Sam Cohen, B8.3
- Networks [O], Prof Renaud Lambiotte, C5.4
- Numerical Solution of Differential Equations II [C], Prof Andy Wathen, B6.2
- Statistical Mechanics [M], Prof Andreas Münch, C5.3
- Stochastic Modelling of Biological Processes [M/C], Prof Radek Erban, B5.1
- Waves and Compressible Flow [M], Prof James Oliver, B5.4

Trinity Term 2021

- C++ for Scientific Computing [C], Dr Joe Pitt-Francis
- Python in Scientific Computing [C], Prof Patrick Farrell