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Mathematical Modelling Masters/MSc

Can't see the video? Try this link (/Video/college-eps/maths/maths-pgt-video-2013.flv) .

Postgraduate Masters/MSc degree programme in Mathematical Modelling

Most things in the real world are complex and difficult to understand, from biological systems to the financial markets to industrial processes, but explaining them is essential to making progress in the modern world. Mathematical modelling is a fundamental tool in the challenge to understand many of these systems, and is an essential part of contemporary applied mathematics. By developing, analysing and interpreting mathematical and computational models we gain insight into these complex processes, as well as giving a framework in which to interpret experimental data.

To fully capitalise on these tools, there is a fundamental need in both academic research and industry for a new generation of scientists trained to work at the interdisciplinary frontiers of mathematics and computation. These scientists require the ability to assimilate and understand information from other disciplines, communicate with and enthuse other researchers, as well as having the advanced mathematical and computational skills needed.

Study here and find out why the University of Birmingham has been awarded The Times and The Sunday Times University of the Year 2013-14 (http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx)

Course fact file

Type of Course: Taught

Study Options: Full time

Duration: 1 year full-time

Start date: September

Related courses

Postgraduate degree courses, School of Mathematics Graduate school (/schools/mathematics/postgraduate/index.aspx)

Contact

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School of Mathematics (/schools/mathematics/index.aspx)

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