Discover: Mathematics and Actuarial Science
Wednesday 26 February 2020, University of Leicester

The University of Leicester’s School of Mathematics and Actuarial Science offers a superb setting for students to study in one of the most active mathematics research departments in the UK. We are a friendly, vibrant and research-active community where staff and students work together to produce high quality graduates. Join us in February to explore the subject, careers and what your university life could be.

Programme

09.30  Arrival and registration

10:00  Overview of the day

10:15  Welcome to the School of Mathematics and Actuarial Science
   Prof Stephen Garrett (Head of School)
   An opportunity to find out more about BSc degrees in Mathematics and Actuarial Science and our entry requirements.

10:30  Careers with a Mathematics/Actuarial Science degree
   Prof Stephen Garrett (Head of School)
   Discuss the career opportunities that are available after studying with us.

11:00  Refreshments

11:15  Taster 1 – The Beauty of Shapes – Encounters with the Weird World of Topology
   Dr Frank Neumann
   Dr Neumann will be guiding you on a visual expedition into the weird world of topology which deals with classifications of geometrical shapes. You will see how using mathematics we can find ways to orient ourselves in this strange world and classify all the weird shapes we encounter. You will meet lots of interesting polyhedra, doughnuts, one-sided paper stripes (Moebius bands), weird bottles and beautiful surfaces given by algebraic equations and many other exotic animals from the topological zoo.

12.00  Campus Tour – Led by our current student ambassadors
12:45  Lunch *(Students’ Union)*

13:45  Taster 2 - The difficulty of making predictions, especially about the future
      *Nick Foster*
      
      You will discover where actuarial science fits within mathematics and where it doesn’t, find out how good you are at making predictions and explore with you some ways in which you can improve your guesses.

14:30  Q&A with current students

14:45  Evaluations and closing remarks

15:00  Depart