



University of Salford
A Greater Manchester University

BSc (Hons) Mathematics

A great opportunity for the strong Advanced level Mathematics student considering an employment orientated honours degree.

The University of Salford is both an attractive and convenient location

- Our Campus is situated within Peel Park by the River Irwell
- We're just a mile and a half, that's 15 minutes walk from Manchester city centre
- Salford Crescent train station on campus, and we are on a major bus route in and out of the city

A Supportive Learning Environment

- Small class sizes for lectures and tutorials
- Mathscope: A round the clock drop-in centre for one-to-one mathematics help
- Mathematical understanding and progress enhanced via use of computing and experimental laboratories

Preparation for future employment

- Bespoke modules applying mathematics to real-world problems across computing, science, engineering and business
- Modules in 'Cutting Edge' themes such as nanotechnology, economic stability, artificial intelligence and robotics
- Seminar speakers from business and industry and optional work experience year

Entry requirements

A Level: 300 points, including at least a grade B in Mathematics

Order a prospectus or book on an open day
www.cse.salford.ac.uk



BSc Mathematics

Mathematics at Salford gives you a range of transferable skills which are highly regarded by employers. As a graduate you will be numerate, have high level problem solving skills and be able to apply maths to a huge range of situations in industries such as engineering, computing, business, finance and accounting.

We encourage participation in a year out in industry where you can develop your practical and theoretical knowledge. Our maths degree is situated in the School of Computing, Science & Engineering so you will have many options as to which industry you wish to take your mathematical skills to.

A practical approach to learning complex mathematical methods is achieved through direct application to real problems arising in physics, computing, engineering and acoustics.

Modules

Some of your first year will follow on from what you have learned at A level with modules in linear algebra, calculus and probability. At Salford you will also learn about mathematical modelling from an early stage so you become familiar with modelling particular physical processes relevant to industries such as engineering and computing.

In your second year you will continue to solve real-world problems in a dedicated module called Business and Industrial Mathematics. Other modules include Numerical Analysis, Inviscid Fluid Dynamics and Statistics.

In your third year you will have the option to specialise alongside your core modules and also carry out a project in an area of your choice. Lectures, tutorials, case studies, work shops and research projects will form the basis of your study. You will also use specialist software packages such as MATLAB and SPSS as part of your learning.

Duration

Three years full-time
Four years full-time with placement year

Entry Requirements

Advanced GCE Level 300 points, including at least a grade B pass in A-Level Mathematics

Course enquiries

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