

Mathematics (Statistics)

Course overview

A Level

Level 3

EdExcel

If you enjoy GCSE Maths (particularly algebra) and have chosen to study one or two Humanities A Levels then this is the course for you.

Entry Requirements

You must have a minimum of 5 grades 9-4 (equivalent to A*-C) at GCSE, including English and Maths at grade 4, plus you must also meet the specific subject entry requirements.

Subject Specific Requirements

Grade 6 in Maths GCSE.

Popular Subject Combinations

A Level: Biology; Psychology;
Computer Science;
Economics.

BTEC:

Possible Enrichment Opportunities

Visiting speakers from university maths departments. Entry to the UK Mathematics Trust Senior Maths Challenge.

What will I learn?

You will study a combination of pure maths, statistics and mechanics over two years. In the first year you will study statistics, learning how to utilise statistical models to analyse real-world data and make predictions about future trends. You will also study pure mathematics, which extends what you have learned at school, as well as introducing you to important new ideas and methods. In the second year you will study some topics from mechanics while also continuing your study of pure maths. The style of learning will be different from school, and you will be introduced to the idea of self-managed learning. It takes some getting used to so, we spend much of the first term helping you to adjust to the new demands.

How will I be assessed?

Three two hour exam papers at the end of your second year.

Where might it lead?

A-Level Maths provides many transferable skills, including problem-solving and the ability to use logic to express your ideas clearly. Many students progress on to both science and non-science degree courses. An increasing number of students with A-Level Maths choose to work with accountancy firms

If you would like further information about this course please contact the admissions team at