

A Level Mathematics



Entry Requirements

To study Mathematics at A level you will need at least a grade 7 in maths at GCSE.

Knowledge & Skills gained:

- Use their mathematical skills and techniques to solve challenging problems which require them to decide on the solution strategy;
- To make logical and reasoned decisions in solving problems both within pure mathematics and in a variety of contexts, and communicate the mathematical rationale for these decisions clearly;
- An understanding of the mathematics that underpin many aspects of our lives;
- understand coherence and progression in mathematics and how different areas of mathematics are connected;
- The ability to apply a range of mathematical skills to different situations;
- Acute logical thinking and problem-solving abilities.

Complementary Subjects

Many students studying Mathematics often also study Science A Levels, especially Physics.



Future Opportunities

University - Students studying Mathematics often go on to study STEM (science, technology, engineering and maths) courses at degree level and beyond. Due to the strong numeracy skills of Mathematics students they often go in to the field of finance such as Accountancy and Actuarial Science.

Employment opportunities A Level Mathematics is a highly regarded qualification by universities and employers. It is useful in many careers ranging from Accountancy and Engineering to travel and tourism.