

# A-level Further Mathematics

Below you will find some information regarding the A-level Further Mathematics course. Note that there are some entry requirements for this course. Please speak to us if you have any queries or questions.

## What is covered?

A-level Further Mathematics includes four modules, all of equal value. You will study:

- Core Pure Mathematics 1 and Core Pure Mathematics 2.
- Two modules from the following: Further Pure 1, Further Pure 2, Further Mechanics 1, Further Mechanics 2, Further Statistics 1, Further Statistics 2, Decision 1 and Decision 2.

## What does the course involve?

There are four 90-minute examinations written at the end of Year 13. Two of these are compulsory Further Mathematics modules while the other two are optional modules chosen from a variety of Statistics, Mechanics, Discrete/Decision Mathematics and additional Pure Mathematics.

There is no coursework involved with this A-level. You will also have the opportunity to attend mathematics-inspired trips outside of Trinity Sixth to explore this fascinating field further.

Please note that approximately 90% of this qualification involves algebra. If you are considering studying mathematics at university then this course is ideal for you, as it will set you apart from your peers. It is also very useful if you are considering studying computer science at degree level.

## Quick course facts

You should have a minimum of five GCSEs graded at level 4 or above, including English and a grade 7 in Mathematics.

Ideal for degrees in many fields – very useful in computing, essential in designing computer games (which use 3D vectors) and desirable for careers in engineering or finance.

Mathematical content is similar to that at undergraduate degree level.

A Further Mathematics A-level would set you apart from other applicants that you may compete against later in life.

The course involves rigorous use of algebraic skills, problem solving and logic.

