

Further Maths



Our students say...

“Further Maths lets us specialise into any branch of maths. We have so much more flexibility and have more opportunity to explore applications of the subject. We know exactly what to expect at university as we cover a lot of the degree modules in further maths”

Year 13 student

Entry Requirements

Grade A* GCSE Maths.

Course Content — AS Level/Course Content — A2 Level

Further Pure Maths 1

This covers further core topics beyond The A-level. We have opportunities to Indulge into Matrices, Proofs, and Complex numbers.

Any 2 applied modules:

Statistics 1,2,3,4

Handling data and interpreting the Information it gives us

Mechanics 1,2,3,4,5

Forces, motion and other elements Of the physical world

Decision 1,2,

Algorithms and networks. Looking at Creating the shortest and simplest Solutions when facing decisions.

Further Maths 2 and 3

These both have the same level of difficulty and introduce students to Maths at Degree level.

Any applied modules

Method of assessment

- AS Level: 100% Examination.
- A2 Level: 100% Examination

Key Skills

We focus on developing students as independent learners; working on their ability to analyse and solve problems. In further maths they have disciplined themselves to at least 8 hours a week outside of lesson. They are exposed to more applied modules which mean they can now appreciate the application of their maths in the real world. Students will now have experienced all branches of maths, and will be in a position to decide in which career/course they would like to become specialised. After completion of the course they will be extremely well prepared to complete a maths/mathematically based degree.