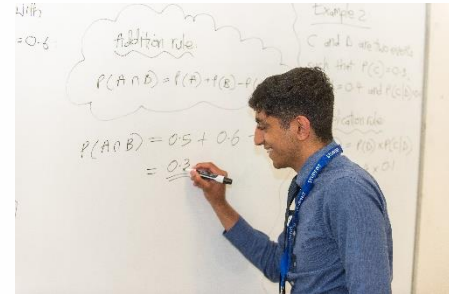




Why Study Further Mathematics?

While A Level Mathematics is a rich and deep course in its own right, some students will find Further Mathematics a more suitable challenge for their level and their interests. Further Mathematics is the gold standard of high school maths.

The extension of your knowledge and understanding through the course will support your studies in A Level Mathematics, consolidating your work and helping you to achieve the best possible grades. The overlapping skills developed in Mathematics and Further Mathematics mean that it is easier to carry it on as a fourth full A Level subject than many others. It is taught in a smaller group, allowing for personalised support and detailed feedback.



Course Content and Assessment

The Further Mathematics curriculum maintains partial modularity; 50% of the course will be compulsory content with an additional 50% modular options. The study of systems and optimisation remains available, along with a broad variety of other offerings.

As with AS Mathematics, AS Further Mathematics counts as 40% of a full A Level and it is treated as a standalone, introductory and partial version of the course.

All assessment will be by examination, around 3 hours of exams for AS level and 6 hours for the full A Level.

We will continue to extend our most able students; along with the entry examinations used by the top universities, the other modules not used for Further Mathematics will provide opportunities for this.

Progression Routes

The study of Further Mathematics gives you the opportunity to develop a really deep and thorough understanding of mathematics, and will enhance your ability to handle complex, high-order thinking.

If you are planning to study Mathematics, Engineering, Computer Sciences including programming, Physics or Natural Sciences at university, then taking Further Mathematics A Level will stretch you and help you prepare for your university course, as well as demonstrating your commitment to your studies and distinguishing you from other candidates. Further Mathematics is required by some universities.

Further Mathematics would also be very helpful for students considering continued study in the areas of Banking and Finance, Economics, Accountancy and Insurance, Medicine, Veterinary Medicine and Chemical and Biological Sciences.

Entry Requirements

In order to cope with the demands of the course, students should preferably have gained at least grade 8 in Mathematics at GCSE, although, in exceptional circumstances, students with grade 7 will be considered.

Further Mathematics can only be selected if you are also choosing Mathematics.