

Further Mathematics

If you have the desire to work in the Mathematical field this may be the course for you. Study Further Mathematics if: you have a real passion for the subject and you find problem solving interesting and challenging. You want to apply Mathematics to real life problems and develop your abilities to reason logically. You want a subject that supports your other choices. Further Mathematics will prepare you for a range of careers as it is important in all fields of industry and commerce. If you intend to study Mathematics at university or a degree course with a large element of Mathematical content then seriously consider Further Mathematics.



Case Study – Brian Terry

I took Further Mathematics because I wanted to see a greater range of topics within Mathematics. It also complemented my other A-Levels well giving me insight into their foundations. Studying it has proved fun and enjoyable, giving a wider breadth to my studies. The teaching experience within the department is superb.

I am hoping to go on and study Mathematics at University.

Entry Requirements: 9, 8 or 7 in GCSE Mathematics

What will you be learning?

A development and understanding of mathematics and mathematical processes in much more depth. Develop abilities to reason logically and recognise incorrect reasoning, to generalise and to construct mathematical proofs. You will be able to extend your pure mathematical knowledge beyond standard mathematics but also Mechanics, Statistics and Decision Mathematics.

How will you be assessed?

Year 12

2 Written Examinations

Paper 1 – Pure Mathematics

Paper 2 – Mechanics, Statistics and Decision Mathematics

Year 13

3 written Examinations

Paper 1 – Further Pure Mathematics

Paper 2 – Further Pure Mathematics

Paper 3 – Mechanics, Statistics and Decision Mathematics

How will I be taught?

You will be encouraged to work independently as well as participating in group work and traditional teaching.

What skills will I develop?

Learning Mathematical skills involves learning to solve increasingly complicated problems. The course allows you to develop problem solving skills, logical reasoning, numerical abilities, mathematical confidence and communication skills that will help you in a rapidly changing world.