

Enrichment Courses 2024

Further Mathematics

A Level

(Students should only choose this enrichment if they are planning to study A Level Maths)



Entry Requirements

Minimum:

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Standard Entry Requirements:

5 GCSE's at a grade 4 or above and Grade 7 in GCSE Mathematics preferred.

What will you learn:

A-Level units:

- Pure Mathematics
- Statistics
- Discrete Mathematics

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Elements of the course:

The course complements the A-Level in Mathematics. The course aims to develop the learner's understanding of Mathematics in a way that promotes confidence and fosters enjoyment. The course will extend further the topics of trigonometry and calculus and introduce the concepts of matrices, complex analysis and vectors.

Where could it take me?

Students taking Further Mathematics overwhelmingly find it to be an enjoyable, rewarding, stimulating and empowering experience. It is a challenging qualification, which both extends and deepens your knowledge and understanding beyond the standard A level Mathematics. If you are planning to take a degree such as Engineering, Sciences, Computing, Finance/Economics, etc., or perhaps Mathematics itself, you will benefit enormously from taking Further Mathematics. Some university courses require you to have a Further Mathematics qualification and others may adjust their grade requirements more favourably to students with Further Mathematics. If you are not planning to study for mathematically rich degrees but are keen on mathematics you will find Further Mathematics a very enjoyable course and having a Further Mathematics qualification identifies you as having excellent analytical skills, whatever area you are considering for a career.

Assessment:

Each module is assessed at the end of the course by examinations. There is no coursework.