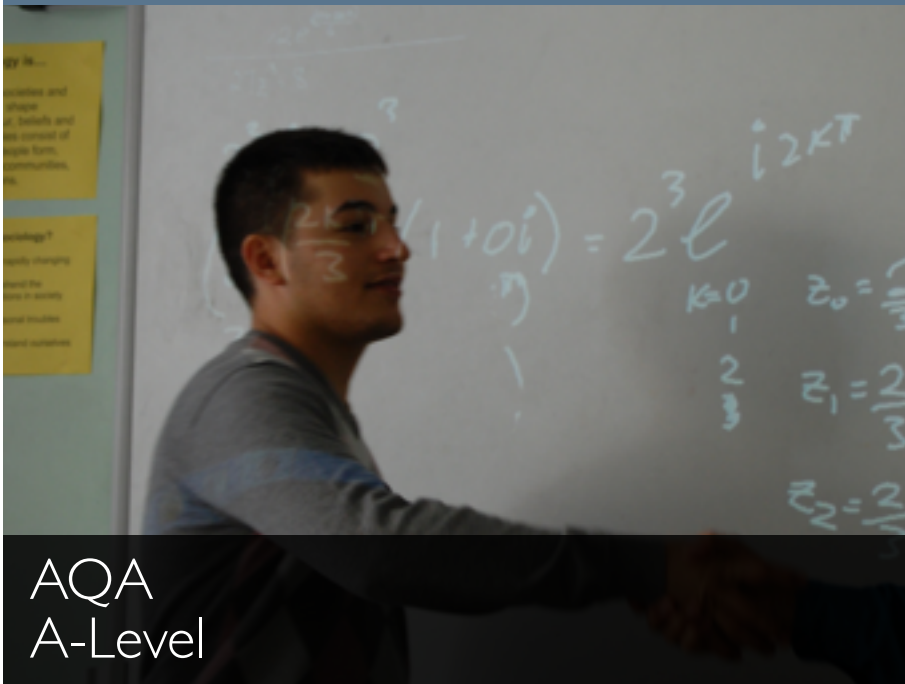


Further Mathematics



AQA
A-Level

Overview

"Further Mathematics is vital to stretch and inspire mathematically able students and a very valuable qualification for all who wish to take maths-related subjects at university."
Professor Adrian Smith, University of London

Aims

► To stretch and inspire mathematically-able students and prepare them for further studies at university. It is essential for degrees in Science, Technology, Computer Studies, Engineering and of course, Mathematics. It can give you a taste of what Mathematics is really about.

Grade Requirement

Further Mathematics as both broadening and deepening your knowledge and understanding, beyond standard A-level Mathematics. Only candidates with an A* or A grade in Maths GCSE are suitable for this course.

Complementary Subjects

You must be studying Mathematics to be eligible to study Further Maths. Other popular combinations include Chemistry, Biology and Physics as well as Economics, Information Technology and Business Studies.

AS-Level

Further Pure Mathematics 1

Further Pure Mathematics 2

Decision 1

A2-Level

Further Pure Mathematics 3

Further Pure Mathematics 4

Decision 2



Any student who is planning to take a Mathematics-related degree (this covers a very wide range of academic areas - Engineering, Sciences, Computing, Finance/ Economics as well as Mathematics itself) will benefit enormously from taking Further Mathematics, at least to AS level.

As well as teaching you about new topics such as matrices and complex numbers, that are vital in maths-related degrees, studying Further Mathematics will also boost your performance in standard AS/A-Level Mathematics. You will find the first year mathematics element of any maths-related degree course far more straightforward if you have studied Further Mathematics.

If you are capable of completing a course in Mathematics at AS/A-level, you should week also be able to enjoy studying Further Mathematics. You can start Further Mathematics in Year 12, or wait until the beginning of Year 13. It is a challenging qualification, but students who do it usually find it is their favourite subject.

It is useful to think of AS Further Mathematics as broadening your knowledge and understanding outside what is covered in the standard AS/A-level Mathematics and A2 Further Mathematics as both broadening and deepening your knowledge and understanding, beyond standard A-level Mathematics. **Only candidates with an A* or A grade in Maths GCSE are suitable for this course.**

Further Mathematics qualifications are prestigious and are strongly welcomed by universities. Students that do Further Mathematics are demonstrating a strong commitment to their studies, as well as learning mathematics that is very useful for any maths-related degree. Students find the course very interesting, developing a real depth of understanding, and reinforcing their pleasure in studying Maths.

