



Further Mathematics

GCE Further Mathematics with Edexcel is an advanced A-Level qualification designed for students with a strong interest and ability in mathematics. It builds on the core content of A-Level Mathematics and introduces more complex and abstract mathematical concepts.

The course is divided into compulsory pure mathematics and two optional areas—Further Statistics and Further Mechanics in this case.

Entry Requirement:

- Grade 8 at GCSE Maths

Further Statistics

Students explore topics such as probability distributions, hypothesis testing, and statistical inference, deepening their understanding of real-world data analysis.

Further Mechanics

Focuses on advanced principles of motion, forces, energy, and momentum, extending concepts from classical mechanics.

This combination equips students with a rigorous mathematical foundation suitable for mathematically intensive university courses, such as Engineering, Physics, Computer Science, and Economics.

Core Maths.

Core Maths is intended for students who have passed GCSE Mathematics at grade 4 or better, but who have not chosen to study AS or A Level Mathematics. It is usually studied alongside A Levels or vocational courses.

Core Maths is equal in size to an AS level qualification and graded A-E.

Studying Core Maths helps students to develop their quantitative and problem-solving skills. It has been specifically designed with employers, universities and professional bodies to increase the employability of school leavers and apprentices.

Core Maths is studied for one year, with the exams taken at the end of Year 12.