

Why choose Core Mathematics



Studying Core Maths helps students develop skills that support the quantitative aspects of many level 3 subjects. Hence studying Core Maths is really beneficial if you are studying any of these courses:

- Business and Economics
- Geography
- Sociology
- Psychology
- Biology
- Health and Social Care

Core Maths focuses on applying maths to solve real life problems, and has been developed with support from employers and higher education institutions.

The course is designed to: consolidate and build mathematical understanding, foster the ability to think mathematically and apply maths in unfamiliar situations and prepare students for the real-life mathematical demands of further study and employment. Hence Core Maths is ideal for those who wish to continue with Mathematics but prefer the numerical and statistical side of the subject.

Entry requirements

Core Maths is designed to support students who achieve a grade 4 or above in GCSE Mathematics, but decide not to study AS or A level Mathematics. It is a level 3 certificate which means it is an equivalent to an AS level and carries the same UCAS tariff. Many leading Universities endorse this course. Some universities, like the University of Bath, make reduced offers for Core Maths students.

Chilwell School Sixth Form
chilwellschool.co.uk/sixthform

What topics will you study?

- Working with data
- Understanding risk and probability
- Understanding variation in statistics
- Understanding sources of error and bias when problem-solving
- Percentage change
- Interpretation of graphs
- Mortgages and interest rates
- Financial maths
- The Normal distribution,
- Correlation of scatter graphs

Possible career options

Studying mathematics at level 3 can lead to a whole host of exciting career options, including:

- Accountancy
- Banking
- Surveying
- Engineering
- Computing
- Medicine
- Management
- Operations Research
- Logistics
- Economics
- Cryptography
- Financial Planning
- Insurance
- Teaching

Assessment

This course is a level three course and is assessed through two exams and has the same UCAS tariff as an AS level.

