

WJEC AS Level Mathematics Level 3



In a nutshell

This is an in-depth and technical course in Mathematics

This course is for you if...

- ... You enjoy working in a technical manner
- ... You want to pursue a career in mathematics
- ... You're hardworking and self-motivated

What will I be doing?

If you're taking AS and A Level Mathematics, you'll follow the WJEC syllabus. For those wanting to obtain an AS qualification, you'll study three modules in one year. Three further modules need to be completed in year 2 to achieve an A Level. All modules are assessed by examinations.

COURSE INFORMATION LEAFLET

Mathematics is a collection of subjects with a common approach to problem solving and modelling. Most of you will already have met the basic ideas involved in arithmetic, algebra, geometry, trigonometry and probability. All these are individual topics but are frequently combined to model everyday situations and solve problems.

Unlike most other A Levels, Mathematics has different options:

Pure with mechanics - this course is most often combined with one or more of the physical science A Levels.

Pure with statistics - this option can be combined with a wide range of courses from across the campus, but partners subjects such as biology, psychology and geography particularly well.

Pure - this course is the most theoretical, with no statistics or mechanics.

Double Mathematics (a two-year course)

If you have a keen interest in Mathematics, you should consider Double Mathematics. This enables you to study pure mathematics, mechanics and statistics to an advanced standard.

Upon completion, you'll achieve:

AS Level Mathematics

A Level Mathematics

Skills activities

[English and Maths](#)

What is expected of me?

To enrol, you'll need a minimum of 5 GCSEs at Grade C or above, including English/Welsh First Language and a Grade B in Maths at Higher Tier. For Further Mathematics, a Grade A is required

Full commitment to attendance is required, as is respect for others, enthusiasm for the subject and self-motivation. You'll be continually assessed and there's an expectation that you'll continue your studies and coursework during your own time.

What comes next?

These courses provide an ideal preparation for mathematics, physics, engineering, science and



COURSE INFORMATION LEAFLET

a wide variety of other higher education programmes.

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