

Further Mathematics - A Level (Edexcel)

Further Maths is a challenging qualification, which both extends and deepens your knowledge and understanding beyond the standard A Level Mathematics. If you enjoy mathematics, it provides a challenge and a chance to explore new and more sophisticated mathematical concepts. You will also study further applications of mathematics in mechanics, statistics and decision mathematics.

WHAT WILL I STUDY?

Topics covered can include:

- Algebra
- Geometry
- Trigonometry
- Calculus
- Complex numbers
- Matrices
- Proof
- Hyperbolic functions
- Polar coordinates
- Differential equations

WHAT WILL I NEED?

You will need:

- GCSE Maths at grade 7 or above
- GCSE English Language at grade 5 or above
- GCSE Science at grade 55 or above
- One further GCSE at grade 4 or above
- All students enrolled for A Level Further Mathematics must be enrolled on A Level Mathematics as one of their choices
- A reference from your previous school/college

All applicants must have an interview to confirm that A Levels are suitable for them.

When applying for an A Level programme at Westminster Kingsway, please refer to the general entry requirements on our [A Level Courses](#) page as well as the subject-specific details listed above.

Start Date: 1 September 2025

Duration: 2 Years

Attendance: Full Time

Center: King's Cross Centre

<https://www.capitalccg.ac.uk/wkc/course/course-detail/pdf/11607/>



HOW WILL I BE ASSESSED?

During the 1st year there will be 5 formal internal assessments which you will need to pass in order to progress into the 2nd year. At the end of the 2nd year there are three public examinations.

WHAT WILL IT COST?

AGED 16-18

If you will be aged 16, 17 or 18 on 31st August prior to the start date of your course and you have the legal right to remain in the UK for the duration of your programme then your study with us will be free. Please see [here](#) for the documents you will need to show us.

Some courses will have other associated costs, such as for specialist materials and trips. Many of our students are eligible for financial support, see [here](#) for details.

WHAT CAN I DO AFTER?

If you are planning to study for a degree in areas such as Engineering, Science, Computing, Finance, Economics, or perhaps Mathematics itself, you will benefit enormously from taking Further Mathematics, as it introduces new topics such as matrices and complex numbers that are vital in many of these degrees.

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