

Additional Qualifications

Extended Project Qualification – Level 3

The Extended Project Qualification (EPQ) provides you with an opportunity to explore a topic that interests you. The EPQ **can only** be taken as a fourth A Level course to complement your three main subject choices. EPQ has no exams, just coursework, so you'll need to be self-motivated and enjoy working independently. You will learn skills that are highly valued in Higher Education, such as research, developing arguments, organisation and presentation skills. The EPQ carries UCAS points and is highly regarded by many universities. It can't be used against a grade offer (such as AAA) but some universities may offer an alternative for candidates studying the EPQ (such as ABB instead of AAB).

Subject content

You can decide what you want to study. With the help of your tutors, you'll choose a topic to explore - it is recommended the topic is one you might like to study in Higher Education or pursue as a career. There are four types of project to pick from:

- Write a dissertation.
- Produce an artefact, like a sculpture, model or DVD.
- Develop and showcase a performance (sport, drama or music).
- Conduct an investigation/field study.

Examples of previous projects:

- Do violent computer games contribute to anti-social behaviour?
- What are the effects of terrorism on society?
- Is climate change everyone's responsibility?
- Is it ethical to genetically engineer babies for designer purposes?

Core Maths

Core Maths is a newly developed one-year qualification, carrying the same number of UCAS points as an AS Level. This Level 3 Certificate in Mathematical Studies is beneficial to students in maintaining their mathematical skills from GCSE and developing these skills further. It supports students well for progression to future study or employment that requires skills in quantitative reasoning and critical analysis. Many students have found the style of Core Maths has given them a new insight into the subject and they have enjoyed seeing how Maths can be applied in a wide range of meaningful contexts, either relating to their other A Level courses or in everyday situations such as personal finance. This course is an award of AQA.

Subject content

The skills developed in the study of Mathematics are increasingly important in the workplace and in Higher Education; studying Core Maths will help you keep up these essential skills. Most

students who study Maths after GCSE improve their career choices and increase their earning potential. The course has been designed to maintain and develop real-life maths skills. Unlike A Level Maths, where there is an emphasis on algebra and purely abstract mathematical thought, with Core Maths the focus is instead on using Maths in real contexts, such as interpreting data from the media and personal finance. The emphasis on problem solving and modelling supports the study of other A Level subjects – in particular, business, economics, geography, PE, psychology and science.

Entry requirements

You will need to have a Grade 5 or above in GCSE Maths to be accepted onto the course. Students with a Grade 4 will be assessed on a case-by-case basis. This course is unique as it is a one-year qualification, meaning that you can study Core Maths in Year 12 or Year 13. Since Core Maths is designed to support the study of other A Level subjects, it is studied alongside your A Levels, meaning that it is taken as a fourth subject. Students will need to purchase the Casio Fx-991EX calculator for the course.

Learning methods

You will explore Core Maths by discussion and group work as well as independent research and technology using computers and spreadsheets.

Assessment

This is a one-year qualification with two exams at the end (no coursework). Each exam lasts 1 hour 30 minutes. **Paper 1** – Analysis of data, personal finance and estimation. **Paper 2** – Correlation and regression, normal distribution and confidence intervals. **Preliminary Material** – Both papers require using real-world figures and information to critically analyse and evaluate.

Progression

Core Maths plays a vital role, not only supporting students with the mathematical content in their other subjects but providing an opportunity for students to continue with their mathematical study in situations when A Level Mathematics may not be appropriate.

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