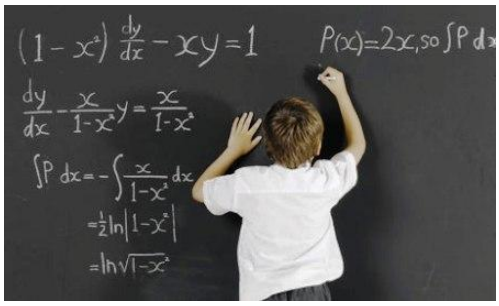
Mathematical Studies Level 3

Fiona Mapp



Course Aims

This Level 3 Certificate in Mathematical Studies qualification has been designed to maintain and develop real-life Mathematics skills. What students will study is not purely theoretical or abstract; it can be applied on a day-to-day basis in work, study or life and will include a financial element. It will also help with other A-level subjects – in particular with science, geography, business studies, psychology and economics.

It will consolidate students' mathematical understanding, build confidence and competence in applying mathematical techniques to solve a range of problems and introduce them to new techniques and concepts that will prepare them for further study and future employment within a broad range of academic, professional and technical fields.

Mathematical Studies aims to prepare students for the mathematical demands of higher education and work where there is a distinct mathematical or statistical element, but where the mathematical demands do not stretch to a requirement for A-level Mathematics.

Qualifications and Qualities Needed

Students who have gained a grade 5 or higher at GCSE Mathematics are welcome to join the course. The transferable skills developed in Mathematical Studies are useful on any university course and are valued by employers.

Course Structure

We are following the AQA specification for Mathematical Studies Level 3 (code 1350).
It is equivalent to an AS course in terms of UCAS points. There is no coursework. Students will sit two examination papers at the end of the course. Paper One is compulsory for all students. They will then sit one of three options for Paper Two: 2A – Statistical Techniques, 2B – Critical Path and Risk Analysis or 2C – Graphical Techniques. Each exam accounts for 50% of the final grade and is 1.5 hours long.

Materials and Textbooks

The textbook we use is AQA Advanced Maths Level 3 Certificate in Mathematical Studies.
Students will be required to bring a scientific (or graphic) calculator to lessons.