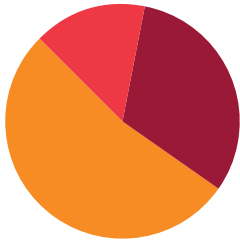


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# A Level Mathematics





Mathematics is a fantastic subject which combines Pure Mathematics topics such as algebra, geometry and functions with Applied Mathematics modules. The study of Mathematics shows potential employers that you have a highly logical mind that can present organised arguments to solve numerical problems – a skill which is widely sought.

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**Level** Level 3

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**Specific course entry requirements**

College entry to include GCSE Mathematics minimum grade 6 (please refer to the Entry Requirements section page 24 for further details).

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**What will I study?**

Mathematics brings together topics that you study at school with advanced techniques, including coordinate geometry, algebra, trigonometry, logarithms and calculus. Using methods of integration and differentiation to calculate rates of change. Students will also study statistics and mechanics, using advanced probabilities and Newton's laws.

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**How will I be assessed?**

100% Examination

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**Where will this course lead me?**

Students with A level Mathematics have excellent study and career opportunities. The qualification is very highly regarded for a broad range of university courses and is highly valued by employers. Future opportunities include training as an accountant or an economist.

