- Statistical Distributions
- Statistical hypothesis testing

There is no coursework component which allows students more time to concentrate on practising their techniques.

## Assessment

The A level Maths Course is examined with 3 written papers each lasting 2 hours and each paper worth $33.3 \%$ of the A level Qualification. Both papers have a maximum of 100 Marks. All questions are compulsory. A scientific or graphics calculator is an essential requirement of the course.

## Progression after Sixth Form

Many courses at university will accept students who offer A level Mathematics as they will have shown that they can develop reasoned arguments as well as having the ability to interpret, analyse and solve problems by applying a correct mathematical model.
Since Mathematics is a neutral subject it is easily combined with other courses to form Joint Honours degrees such as Mathematics \& History, Mathematics \& English, Mathematics \& Business or Mathematics \& Music etc.

## Career opportunities

Mathematical competence is a vital component in the physical sciences and in the fields of technology and business. It is an essential tool for all engineers and is of growing importance in the disciplines of both Medicine and Law.

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