



Further Mathematics



Course Information

Mathematics at all levels is about learning new, interesting ideas and techniques and, when they have been assimilated, using them to solve new problems, many of which may be models of a real-life situation.

As such it is a linear subject in which most new concepts build on those already learnt, and so the main working methods are the regular introduction of a new concept followed by homework exercises to enable you to learn the concept and situations in which it can be used.

This is a second AS/A2 in Mathematics and can only be taken as well as A level Mathematics.

Course Content

AS Further Mathematics

Student study two components during the year:

- Further Pure Mathematics
- Further Pure Mathematics Option (Students study one of four options: Further Pure, Further Statistics, Further Mechanics or Decision Maths)

A level Further Mathematics

Students study four components over two years:

- Further Pure Mathematics 1
- Further Pure Mathematics 2
- Further Pure Mathematics Option 1
- Further Pure Mathematics Option



Entry Requirements

In order to be accepted onto both the AS and A level Further Mathematics course you need to achieve a minimum of a grade 9 at GCSE Mathematics and be studying A level Mathematics.

Future Opportunities

We would recommend Further Mathematics to those students who may be thinking of studying a degree with a substantial mathematical content, e.g. Engineering, Sciences, Business, Computing and, of course, Mathematics. Like Mathematics A level - but more so - it is also highly regarded by higher education and employers as an indicator of intellectual capacity.