

Why study the double option of Maths and Further Maths?

Further Mathematics is a qualification which both broadens and deepens the mathematics covered in A level Mathematics. Students taking Further Mathematics overwhelmingly find it to be an enjoyable, rewarding, stimulating and empowering experience. For someone who enjoys mathematics, it provides a challenge and a chance to explore new and/or more sophisticated mathematical concepts. It enables students to distinguish themselves as able mathematicians in the university and employment market and it makes the transition to a mathematics-rich university course easier. To study A level Further Mathematics you must also be taking A level Mathematics.

What will you be learning?

The new linear course has a compulsory Pure Maths element which includes topics such as matrices, hyperbolic functions, complex numbers and further calculus. There are also two applied units of work which will most likely be Statistics and Mechanics which build on the work done in A level Mathematics.

What are lessons like?

“You need to be naturally good at it. There is a very big jump between GCSE and A level. I personally love it because it is great fun and challenging. It will frustrate you and no matter how good you are you need to do a LOT of work and all the homework set. Unlike GCSE you cannot coast through by being naturally good. Your GCSE result does not count for much at A level as it is all about how hard you work. It’s not all bad; the banter is good and cake days are great and the Maths Dept always go out of their way to help you”

What can it lead to?

Any student planning to take a mathematics-rich degree (this covers a very wide range of academic areas - Engineering, Sciences, Computing, Finance/Economics, etc., as well as Mathematics itself) will benefit enormously from taking Further Mathematics. Students who are not planning to study for mathematics-rich degrees but who are keen on mathematics will find having a Further Mathematics qualification identifies students as having excellent analytical skills, whatever area they plan to study or work within

Want to know more?

To find out more about the course and discuss your suitability please contact w.mossop@qes.org.uk