

A Level



Further Mathematics

NELSON & COLNE
COLLEGE

SIXTH FORM

STUDENTS STUDYING A LEVEL
FURTHER MATHEMATICS
MUST ALSO STUDY A LEVEL
MATHEMATICS.

A Level Entry Requirements

Two grade 5s and three 4s in five subject areas at GCSE, to include a minimum of a grade 4 in English Language.

Additional Subject Requirements

Mathematics at grade 7 or above.

Course description

A Level Further Mathematics builds upon the skills acquired while studying Mathematics. It is a qualification which both broadens and extends the topics covered in A Level Mathematics. It is strongly recommended you study Further Mathematics if you intend to study a mathematical subject at university.

This subject is particularly beneficial to students who have career aspirations in the areas of Mathematics, Physics, Engineering and Computer Science. This subject equips you with skills such as logistic analysis and deduction, data handling, mathematical modelling and problem solving, all of which can be applied in almost any field of work.

Due to the increased requirement to use technology within the new specification, students will be required to purchase a graphical calculator. You will be advised on make and model by your tutor.

What next?

A degree in Mathematics can lead to some of the best paid careers in the world, including medicine, engineering, statistics, operational research, accountancy, actuarial work and scientific research. Former students have gone on to study at some of the UK's top universities, including the University of Oxford, the University of Cambridge, the University of Warwick, King's College London, the University of Leeds, University College London (UCL), the University of York, the University of Manchester and Loughborough University, studying a broad range of degrees such as Mathematics, Mechanical Engineering, Medicine, Theoretical Physics and Economics.

Did you know?

The number of young people studying A Level Mathematics and Further Mathematics is increasing due to a huge demand from Science, Engineering and Manufacturing employers in the UK.

