

Studying Further Maths – Frequently Asked Questions

Q: What Careers can Maths lead to?

A: Maths can lead you to some of the most exciting and well-paid careers, such as **Investment Banker, Auditor, Fund Manager, Credit Manager, Data Analyst, Actuary, Management Consultant, Computer Games Designer, Multimedia Specialist, Designer, Aerospace Engineer, Medical, Sport, Mechanical, Electrical and Marine Engineer, Technical Brewer, Design Engineer, Risk Manager, Insurance Broker, Computer Programmer, Forensic Computer Analyst, Web Designer, IT Product Developer, Medical Statistician, Physicist, Bioinformatician, Climatologist and Oceanographer**. For more info about exciting careers visit Career Profiles page on www.mathscareers.org.uk Try a career calculator to work out what jobs might be for you.

Q: What is Further Mathematics?

A Further Mathematics is an A-level course which is valuable for all students planning to study Maths related degrees, such as Science, Engineering, Technology and Computer Science. Look at our case studies to learn from the students who studied Further Mathematics <http://www.furthermaths.org.uk/wales-case-studies>

Q: What Topics can be studied under Further Maths?

A: Students study more Pure Maths called Further Pure as well as Mechanics, Statistics and/or Decision Maths. Some Further Pure topics deepen and broaden the topics you study at A-level Maths, such as Functions, Algebra and Calculus. New topics include Complex Numbers and Matrices. For a full list visit www.furthermaths.org.uk

Q: When can it be taken?

A: It is designed to be learned alongside AS Level Mathematics in Year 12. It can also be taken up as a new AS subject alongside A2 Mathematics in Year 13 or across two years.

Q: How can I access Further Maths if my local school/college doesn't offer it?

A: If you cannot access Further Mathematics through your local school or college, you may get Further Maths tuition through the Further Mathematics Support programme. The FMSP Wales tutors are experts in teaching and learning Mathematics at this level and guide many of our students on a one to one basis or as part of small group. This can be done both face to face and on line. For further details visit: <http://www.furthermaths.org.uk/wales-tuition>

Q: What do Universities say about Further Maths?

A: More and more universities offer incentives to students to encourage them to study further Maths, some universities now require Further Maths to at least AS level for studying certain Maths related degrees. For more info visit <http://www.furthermaths.org.uk/?section=universities>

Q: What kind of Support will I receive?

A: You can attend Enrichment events for Year 10, 11 and 12 in a variety of locations, along with these there are also Revision events and Study Days. For a full list of all events in your area that we can provide please visit us at http://www.furthermaths.org.uk/Wales_enrichment