



Why study maths at university?

People's Comments

Talways liked the problem solving aspect of doing maths at A level, which was why! chose this as a degree subject. At the start, I didn't have ideas about my future caree but now that I'm graduating I'm looking for jobs in finance or as a statistician' (Habib, 22, final year, BSc Mathematics).

What careers are open with a maths degree?

Maths opens lots of doors; in business, finance, management, IT, research, teaching and many other areas. Visit www.mathscareers.org.uk for more details.

What will I get from a maths degree?

A maths degree is sometimes a continuation of your school maths and sometimes it will take you into new

As well as the maths, you will develop the ability to be logical, argue coherently, understand abstract ideas and solve practical problems – all skills which employers value.

Questions you should ask

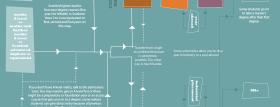
- · What do graduates from this course do after their degree?
- What proportion of graduates get jobs within six months of leaving this course? What proportion go onto further study?
- Does this course help me to develop skills such as teamworking, IT skills, making presentations and writing reports?







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Getting into university to study maths

Questions you should ask

MATHS at

UNIVERSITY

What A level results do I need?

MATHS at UNIVER

Can I take a gap year before studying



Choosing a University

universities can approach topics in

Questions you should ask

- Is the course very theoretical and abstract, or mainly practical and applied?
- Does the course contain a work experience placement?
- How much choice do I get about the topics I study?

Mathematics at University

What is meant by 'pure' and 'applied' maths at university?

university?

Pure Mats is the study of mathematical ideas and structures for their own sake often guided by elegance and interest only. Applied Maths looks at ways that maths can be applied to real life through studying practical problems. Most universities offer courses in Pure Maths, Applied Maths and Statistics and you are likely to study all of these in your first year.

People's Comments

This depends entirely on the university, with only two subjects being compulsory in every course.

How is technology used?



Questions you should ask

- What is the course attitude to the use of technology within maths?
- How many hours a week of teaching will I get?
- What support is available?
- How much is assessed through exams and how much through coursework?
- Will I get the opportunity to do an individual project in the final years?

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