

Pure Maths & Statistics

Is 'screening' for medical conditions really effective ?
How is drug effectiveness measured ?
What is calculus ?

Pure Maths & Mechanics

What is the best strategy for running the 100m sprint ?
How high can you safely climb up a ladder ?
What use is calculus ?

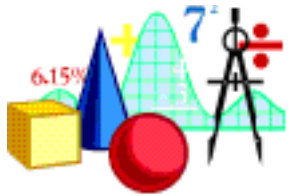
Use of Maths

Why is it that the queue you join is always the slowest ?
How should a baked beans can be designed ?

Further Maths

How do you find solutions to seemingly in-soluble equations ?

Can you solve the Chinese postman's problem?



For further information on courses visit our website at www.aquinas.ac.uk.

Alternatively call on 0161 483 3237
and ask for Kate Clitheroe.

The different specifications we offer are taken from different exam boards. To find out more about each specification visit the following websites:

www.aqa.org.uk

www.edexcel.org.uk

www.ocr.org.uk



FOR FURTHER INFORMATION CONTACT:
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Mathematics

AS/A2 Mathematics

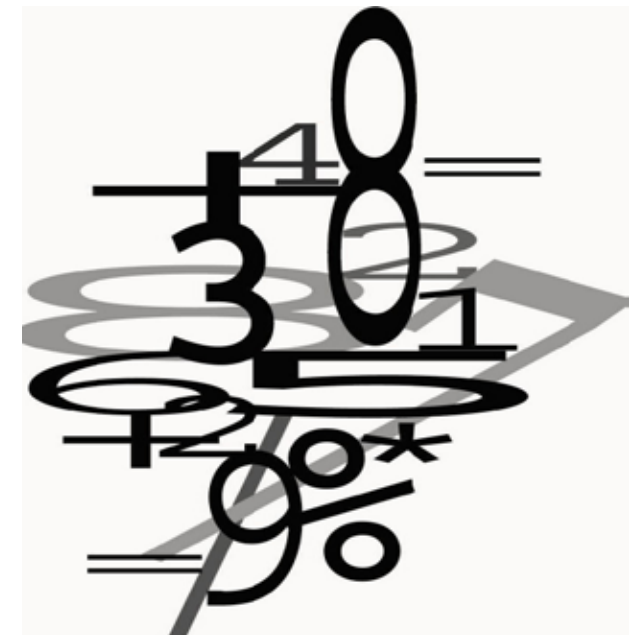
AS/A2 Further Mathematics

AS/A2 Use of Mathematics

FSMQ - Additional Mathematics

FSMQ - Data Analysis

GCSE



AQA for GCSE

If you have yet to pass GCSE Maths, then we have a selection of appropriate courses for you. We offer the AQA modular GCSE for those who have achieved grades D or E.

EDEXCEL for Adult Numeracy

For those who have achieved grades F, G or U at GCSE we offer an adult numeracy course at level 1 and level 2. Successful completion of this course will enable you to access the GCSE in your second year.

AQA for AS/A Level Use of Mathematics

If you would like to study Maths to support your other A levels, then this course, which draws maths from real-life situations and uses IT, could be right for you. One A2 module is a coursework unit.

For details of module options, please see the separate Use of Maths leaflet.

EDEXCEL for AS/A Level Mathematics

This traditional 2 year course is an interesting and challenging subject in its own right. An essential choice for mathematicians, scientists, engineers and computing students.

Options are Pure Maths and Statistics or Pure Maths and Mechanics.

EDEXCEL for AS/A Level Further Mathematics

Further Mathematics is a two year course taken alongside the Mathematics course. At the end of the lower sixth you will have two AS levels, one in Mathematics and one in Further Mathematics. This leaves you with the option of continuing to complete both A levels in the upper sixth or simply completing the Mathematics A level.

OCR for FSMQ - Additional Mathematics

If you have not quite met the requirements for the A level Mathematics course then we offer Additional Mathematics to bridge the gap between GCSE and A level. This is a very demanding course and concentrates mainly on Algebra. It is worth one third of an AS level and can be used to access the A level in your second year or simply as a free standing maths qualification in its own right.

AQA for FSMQ - Data Analysis

If you have not quite met the requirements for the A level Use of Mathematics course then we offer Data Analysis. As the name suggests it concentrates on statistics. It is worth one third of an AS level and can be studied as a free standing maths qualification in its own right. It goes well with subjects such as Psychology and Biology.

Are there any entrance requirements ?

For FSMQ Data Analysis you need a grade C or above at GCSE.

For AS/A Level Use of Maths and FSMQ Additional Mathematics you need a B grade or higher at GCSE.

For AS/A Level Mathematics you need at least an A grade at GCSE.

For Further Mathematics you need an A or A* grade in Mathematics GCSE and similar grades in other GCSEs.

Is there any coursework ?

Only in Use of Maths, where one of the A2 modules is a coursework unit.

Can I re-sit my GCSE maths if I need to ?

Yes, it is strongly advised that you enrol for one of the three courses on offer.

What can I do with a Maths degree ?

Maths graduates are highly sought after by employers in many careers. For example: insurance, accountancy, stockbroking, computing, local government, teaching, management of large companies. (See our careers leaflet for more details).

Which is the right course for me ?

Some guidelines are:

- Physics students should choose a course with Mechanics if possible.
- Courses with Statistics will suit social science students.
- Oxbridge students should consider Further Maths.