Level 3 Mathematics Year 1: Key Information

Exam Information

Exam Board and Specification Number

Pearson Edexcel: 8MA0

Link to exam board specification website

https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/mathematics-2017.html#tab-0

How is the Subject Assessed?

These are the Unit Codes and their percentage weighting in Year 1

Paper 1: 8MA0/01 [62.5%] Assessed by a 2 hour examination in the Summer Term
Paper 2: 8MA0/02 [37.5%] Assessed by a 1hr 15min examination in the Summer Term

If students are on an A Level programme the above exams will be internally assessed

Year 1

These are the Units of Work / Modules we study in Year 1

Unit 1: Pure Mathematics: Topics you will study include: Proof, Algebra and functions, Coordinate geometry in the (x, y) plane, Sequences and series, Trigonometry, Exponentials and logarithms, Differentiation, Integration, and Vectors.

Unit 2: Statistics and Mechanics: Topics you will study include: Statistical sampling, Data presentation and interpretation, Probability, Statistical distribution, Statistical hypothesis testing, Quantities and units in mechanics, Kinematics, and Forces and Newton's laws

Entry Requirements

<u>Click here to access Mathematics Enrolment Task</u>

The minimum entry requirement will be six GCSE qualifications at grade 5 - 9 including English Language and grade 7 in Mathematics.

Useful Resources for this subject

Links to useful resources to prepare you for this subject

Glossary of Technical Terminology

Recommended Text Books

Past Exam Papers

Mathematics Related Articles

Mathematics VIP Zone

Progression

Progression Route, Higher Education & Career opportunities

Students will progress into Year 2 during which you have the opportunity to gain an A Level qualification in this subject.

Level 3 qualifications in Mathematics will enable students to enter degree courses related to statistics, finance, engineering and medicine.

Click here for information on Careers in Mathematics

Level 3 Mathematics Year 2: Key Information

Exam Information

Exam Board and Specification Number

Pearson Edexcel: 9MA0

Link to exam board specification website

 $https://qualifications.pearson.com/en/qualifications/edexcel-a-\overline{levels/mathematics-2017}.html \#tab-0$

How is the Subject Assessed?

These are the Unit Codes and their percentage weighting in Year 2

Paper 1: 9MA0/01 [33.3%] Assessed by a 2 hour examination in the Summer Term Assessed by a 2 hour examination in the Summer Term Paper 3: 9MA0/03 [33.3%] Assessed by a 2 hour examination in the Summer Term Assessed by a 2 hour examination in the Summer Term

Year 2

These are the Units of Work / Modules we study in Year 2

Unit 1: Pure Mathematics 1

As well as revision of Year 1 topics, other topics you will study include: Numerical methods.

Unit 2: Pure Mathematics 2

As well as revision of Year 1 topics, other topics you will study include: Numerical methods

Unit 3: Statistics and Mechanics

As well as revision of Year 1 topics, other topics you will study include: Moments.

Entry Requirements

Mathematics Transition Task

The minimum entry requirement is a D grade pass at AS Level [Year 1]

Useful Resources for this subject

Links to useful resources to prepare you for this subject

Glossary of Technical Terminology

Recommended Text Books

Past Exam Papers

Mathematics Related Articles

Mathematics VIP Zone

Progression

Progression Route, Higher Education & Career opportunities

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