

(Not) my first Beamer document

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Section 1

Level 1 modules

About Level 1

Hello!

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Hello! Welcome to the School of Mathematics and Statistics.

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Hello! Welcome to the School of Mathematics and Statistics. The following are the first-year modules for single-honours students.

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- MAS110 Mathematics Core I

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- MAS110 Mathematics Core I
- MAS111 Mathematics Core II

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- MAS110 Mathematics Core I
- MAS111 Mathematics Core II
- MAS112 Vectors and Mechanics

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- MAS110 Mathematics Core I
- MAS111 Mathematics Core II
- MAS112 Vectors and Mechanics
- MAS113 Introduction to Probability and Statistics

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- MAS112 Vectors and Mechanics
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- MAS114 Numbers and Groups

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- MAS111 Mathematics Core II
- MAS112 Vectors and Mechanics
- MAS113 Introduction to Probability and Statistics
- MAS114 Numbers and Groups
- MAS115 Mathematical Investigation Skills

Section 2

Level 2 modules

About Level 2

At Level 2 there are the following modules choices.

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- MAS211 Advanced Calculus and Linear Algebra

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- MAS211 Advanced Calculus and Linear Algebra
- MAS212 Scientific Computing and Simulation

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- MAS211 Advanced Calculus and Linear Algebra
- MAS212 Scientific Computing and Simulation
- MAS220 Algebra

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- MAS211 Advanced Calculus and Linear Algebra
- MAS212 Scientific Computing and Simulation
- MAS220 Algebra
- MAS221 Analysis

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- MAS211 Advanced Calculus and Linear Algebra
- MAS212 Scientific Computing and Simulation
- MAS220 Algebra
- MAS221 Analysis
- MAS222 Differential Equations

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At Level 2 there are the following modules choices.

- MAS211 Advanced Calculus and Linear Algebra
- MAS212 Scientific Computing and Simulation
- MAS220 Algebra
- MAS221 Analysis
- MAS222 Differential Equations
- MAS223 Statistical Inference and Modelling

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- MAS211 Advanced Calculus and Linear Algebra
- MAS212 Scientific Computing and Simulation
- MAS220 Algebra
- MAS221 Analysis
- MAS222 Differential Equations
- MAS223 Statistical Inference and Modelling
- MAS275 Probability Modelling

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- MAS211 Advanced Calculus and Linear Algebra
- MAS212 Scientific Computing and Simulation
- MAS220 Algebra
- MAS221 Analysis
- MAS222 Differential Equations
- MAS223 Statistical Inference and Modelling
- MAS275 Probability Modelling
- MAS279 Career Development Skills

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- MAS211 Advanced Calculus and Linear Algebra
- MAS212 Scientific Computing and Simulation
- MAS220 Algebra
- MAS221 Analysis
- MAS222 Differential Equations
- MAS223 Statistical Inference and Modelling
- MAS275 Probability Modelling
- MAS279 Career Development Skills
- MAS280 Mechanics and Fluids

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- MAS211 Advanced Calculus and Linear Algebra
- MAS212 Scientific Computing and Simulation
- MAS220 Algebra
- MAS221 Analysis
- MAS222 Differential Equations
- MAS223 Statistical Inference and Modelling
- MAS275 Probability Modelling
- MAS279 Career Development Skills
- MAS280 Mechanics and Fluids
- MAS281 Probability and Statistics in Society

Section 3

Famous mathematical results

The infinitude of primes

Theorem

There are infinitely many prime numbers.

The infinitude of primes

Theorem

There are infinitely many prime numbers.

Proof.

The infinitude of primes

Theorem

There are infinitely many prime numbers.

Proof.

This is covered in MAS114.



Section 4

Mathematical scripts

Python

The following is a basic Python script which adds together two numbers.

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```
a = input("Number 1? ")  
b = input("Number 2? ")  
print("Sum =",a+b)
```

Python

The following is a basic Python script which adds together two numbers.

```
a = input("Number 1? ")  
b = input("Number 2? ")  
print("Sum =", a+b)
```

Copy and paste into the Python interpreter IDLE to run the script.