

# Programme MSc in Data Analytics

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**Part time**

**Semester A, Year 1**

**Compulsory Modules**

- MTH794P Probability and Statistics for Data Analytics
- MTH786P Machine Learning with Python

# Programme MSc in Data Analytics

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**Part time**

**Semester B, Year 1**

**Applied Machine Learning Stream**

- MTH769P    Forecasting with AI
- MTH791P    Computational Statistics with R

**Pattern Recognition and Deep Learning Stream**

- MTH767P    Neural Networks and Deep Learning
- MTH793P    Advanced Machine Learning

**Statistical Inference Stream**

- MTH776P    Bayesian Statistics
- MTH791P    Computational Statistics with R

# Programme MSc in Data Analytics

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**Part time**

**Semester A, Year 2**

**Compulsory Modules**

- MTH765P Storing, Manipulating, and Visualising Data
- MTH766P Programming in Python

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**Part time**

**Semester B, Year 2**

## **Applied Machine Learning Stream**

Choose two from

- MTH776P Bayesian Statistics
- MTH782P SAS for Business Intelligence
- MTH784P Optimisation for Business Processes
- MTH792P Financial Data Analytics
- MTH741P Digital and Real Asset Analytics

## **Statistical Inference Stream**

Choose two from

- MTH750P Graphs and Networks
- MTH767P Neural Networks and Deep Learning
- MTH793P Advanced Machine Learning
- MTH769P Forecasting with AI

## **Pattern Recognition and Deep Learning Stream**

Choose two from

- MTH750P Graphs and Networks
- MTH776P Bayesian Statistics
- MTH769P Forecasting with AI
- MTH791P Computational Statistics with R

# Programme MSc in Data Analytics

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**Full time**

**Semesters C, Year 1 and 2**

- MTHM038 MSc Data Analytics Dissertation