

Programme MSc in Data Analytics

Full time

Semester A

Compulsory Modules

- MTH794P Probability and Statistics for Data Analytics
- MTH786P Machine Learning with Python
- MTH765P Storing, Manipulating, and Visualising Data
- MTH766P Programming in Python

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Semester B

Applied Machine Learning Stream

Compulsory modules

- MTH769P Forecasting with AI
- MTH791P Computational Statistics with R

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

Compulsory modules

- MTH776P Bayesian Statistics
- MTH791P Computational Statistics with R

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

Compulsory modules

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

Choose two from

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

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Semesters C

- MTHM038 MSc Data Analytics Dissertation