

# Advanced Technology for Financial Computing

University of Edinburgh

## Venues

Central Campus

## Content

This programme will provide you with a critical and practical appreciation of how data, computing and artificial intelligence technologies can be used and developed to deliver value in organisations with finance, risk and decision-making related digitalisation from both technology and business perspectives.

The move towards digital organisations offers great potential for small and large, public and private enterprises. The University is in the UK's second largest financial centre after London and is leading cutting-edge, data-driven innovation to become the data capital of Europe.

## Start Date

September

## Qualification

Postgraduate Master's

## Study Method

Full time

## Award Title

MSc

## Course Length

12 months

## Faculty

College of Science and Engineering

## Department

Informatics

## Entry Requirements

A UK 2:1 honours degree in informatics, artificial intelligence, cognitive science, computer science, electrical engineering, linguistics, mathematics, physics, or other numerate degree.

During your degree you must have completed a programming course in at least one of the following: C/C++, Java, Python, R, Matlab, Haskell, ML.

During your degree you must have completed the equivalent to 60 credits of mathematics that have typically covered the following subjects/topics: calculus (differentiation and integration), linear algebra (vectors and multi-dimensional matrices), discrete mathematics and mathematical reasoning (e.g. induction and reasoning, graph theoretic models, proofs), and probability (concepts in discrete and continuous probabilities, Markov chains etc.)

## SCQF Level

11

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Old College  
 South Bridge  
 Edinburgh  
 City of Edinburgh  
 EH8 9YL

## Website

[www.ed.ac.uk](http://www.ed.ac.uk)