University of Edinburgh Business School

Analytics: Study a Masters at the Business School

This session will cover the following programmes:

- MSc Business Analytics
- MSc Banking Innovation and Risk Analytics

Thursday 20 November 2025
12:00 – 12:45

Coming up

- **Study timeline**

  Explore how a one-year Masters programme is structured.

- **Analytics Masters**

  Hear from two of our Programme Directors: Dr Jamal Ouenniche and Dr Wynne Lam.

- **Dissertation**

  Learn more about creating a piece of work unique to you.

- **Industry engagement**

  Discover how you will engage with industry and business professionals.

- **Career outcomes**

  Find out how our inspiring alumni are reimagining the future.

Michael Chambers

Student Recruitment Manager

This session also features a Q&A with a current student.

Study timeline

Semester 1
September – December
Taught classes

↓

Semester 2
January - May
Taught classes

↓

Semester 3
May – August
Dissertation
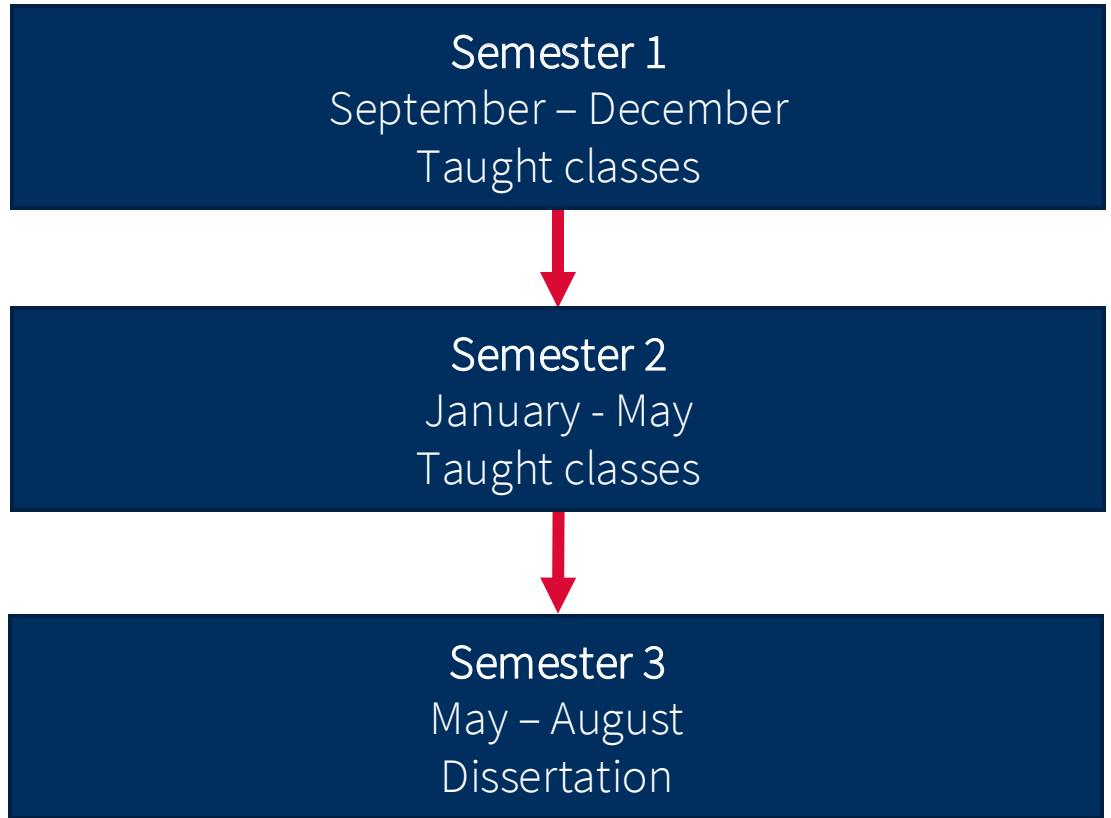
MSc Business Analytics

Meet the Programme Director…

Dr Jamal Ouenniche

Programme Director
Professor and Chair in Business Analytics

Jamal.Ouenniche@ed.ac.uk
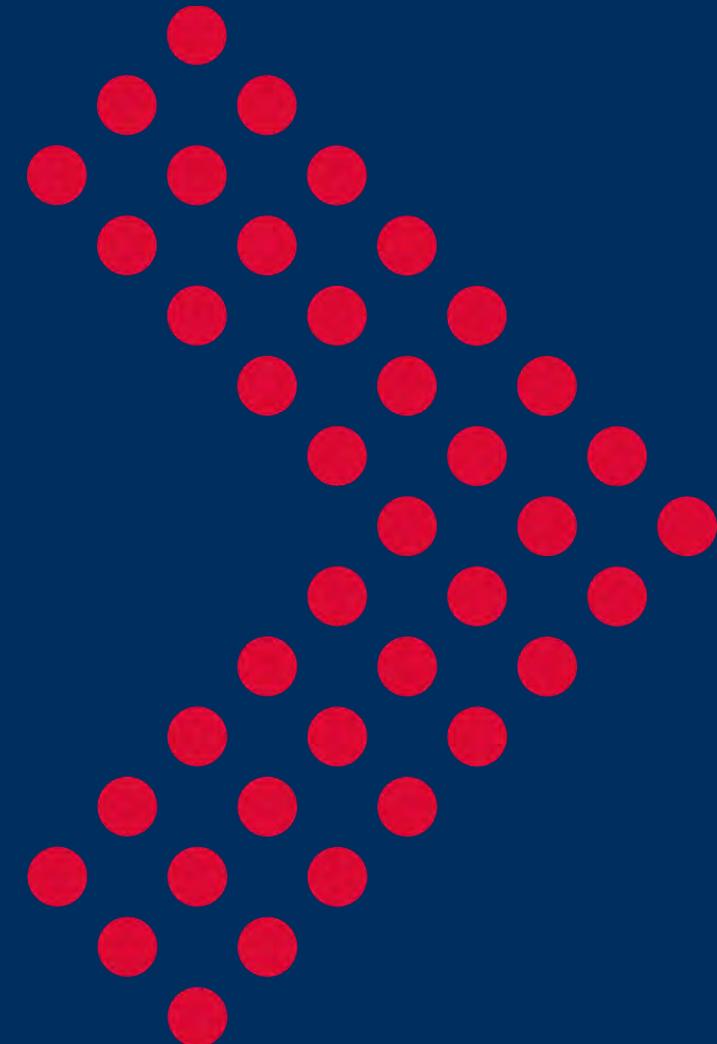
MSc Business Analytics

In the age of Big Data, organisations hold more information about their business environments than ever before. There is growing demand for employees who can analyse data to gain insights and out-think competitors.

Our full-time Masters programme in Business Analytics will help you develop the analytical skills needed to make informed decisions that drive organisational success.

During your studies, you will enhance your understanding by combining theoretical knowledge with practical application.

26th in the QS Business Analytics Master's Rankings (2026)

10th in Europe in the QS Global University Rankings (2026)

Courses

Semester 1: September – December

All courses in this semester are compulsory.

- Predictive Analytics and Modelling of Data
- Prescriptive Analytics with Mathematical Programming
- Principles of Data Analytics
- Python Programming

Semester 2: January - May

Choose 3, 4 or 5 courses.

- Analytics of Decision Making under Multiple Criteria
- Industrial Organisation
- Large Language Models: Principles and Applications
- Performance Analytics with DEA
- Prescriptive Analytics with Stochastic Programming
- Simulation Modelling and Analysis
- Soft Computing
- Web and Social Network Analytics

MSc Banking Innovation and Risk Analytics

Meet the Programme Director…

Dr Wynne Lam

Programme Director MSc Banking Innovation & Risk Analytics
Senior Lecturer in Business Economics

Wynne.Lam@ed.ac.uk

UNIVERSITY OF EDINBURGH
Business School
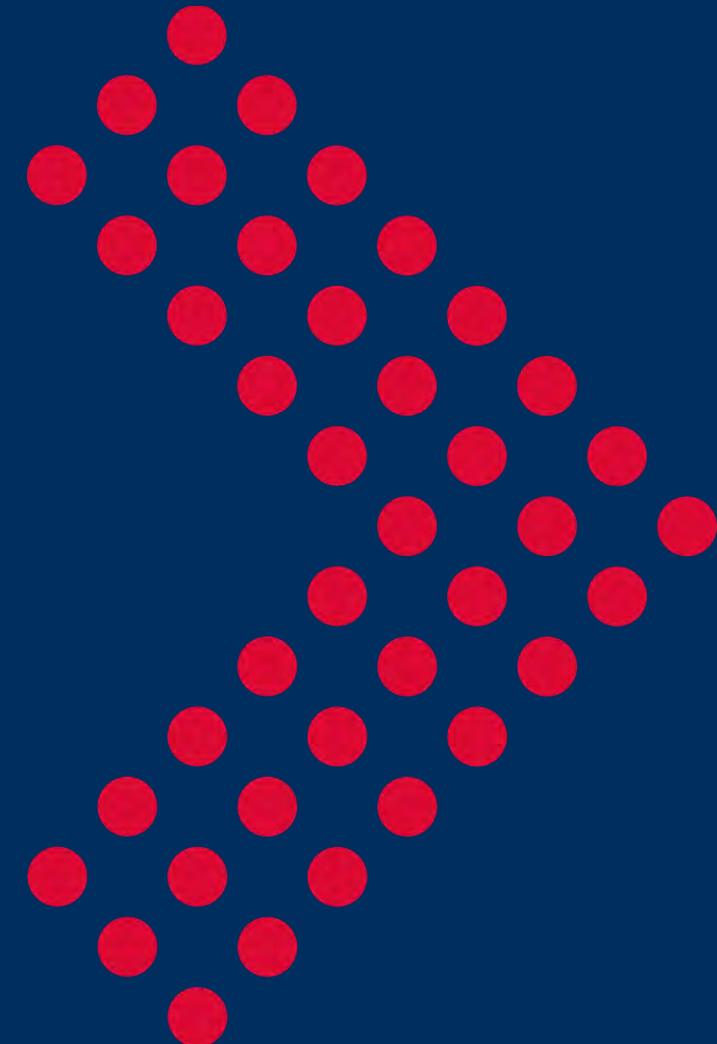
MSc Banking Innovation and Risk Analytics

The digital era has transformed the banking and financial sector, with banks now harnessing the power of data and new technology.

Our full-time Masters programme in Banking Innovation and Risk Analytics will provide you with the analytical and programming skills needed to manage risk in modern day banking processes.

During your studies, you will advance your knowledge of a range of banking innovations and technologies.

Courses

Semester 1: September – December

All courses in this semester are compulsory.

- Statistics for Analytics
- Programming for Risk Analytics
- Corporate Reporting Analysis
- Introduction to Risk Management in Banks

Semester 2: January - May

Compulsory courses:

- Credit Risk Management
- Topics in Banking Innovation

Option courses (choose 2, 3 or 4):

- Investment Management
- Data-Driven Business Insights
- Statistical Learning in Banking
- Econometrics for Risk Analytics
- Economic Principles of Blockchain and Cryptocurrencies

UNIVERSITY OF EDINBURGH
Business School

Dissertation

Your Masters dissertation is a significant piece of individual research that gives you the opportunity to study a topic in depth.

Client Sourced Dissertation (CSD)

A student will carry out an authoritative piece of work on a business or management issue identified by a project client.

The benefits of a CSD include:

- Exposure to a real-world project as defined by a company's business needs
- Enhances technical skills while further developing transferable skills
- Gain an insight into the sponsoring company
- Opportunity to network and raise your profile
- Enhances employability and adds to your CV

Industry engagement

- **Guest speakers, workshops, and seminars**
- **Alumni panels**
- **Group consultancy projects**
- **Client Sourced Dissertation**
- **Employability & Careers Expo**

UNIVERSITY OF EDINBURGH
Business School

Masters of Change

We are proud to share inspiring alumni stories and continuously expand our international network of change makers.
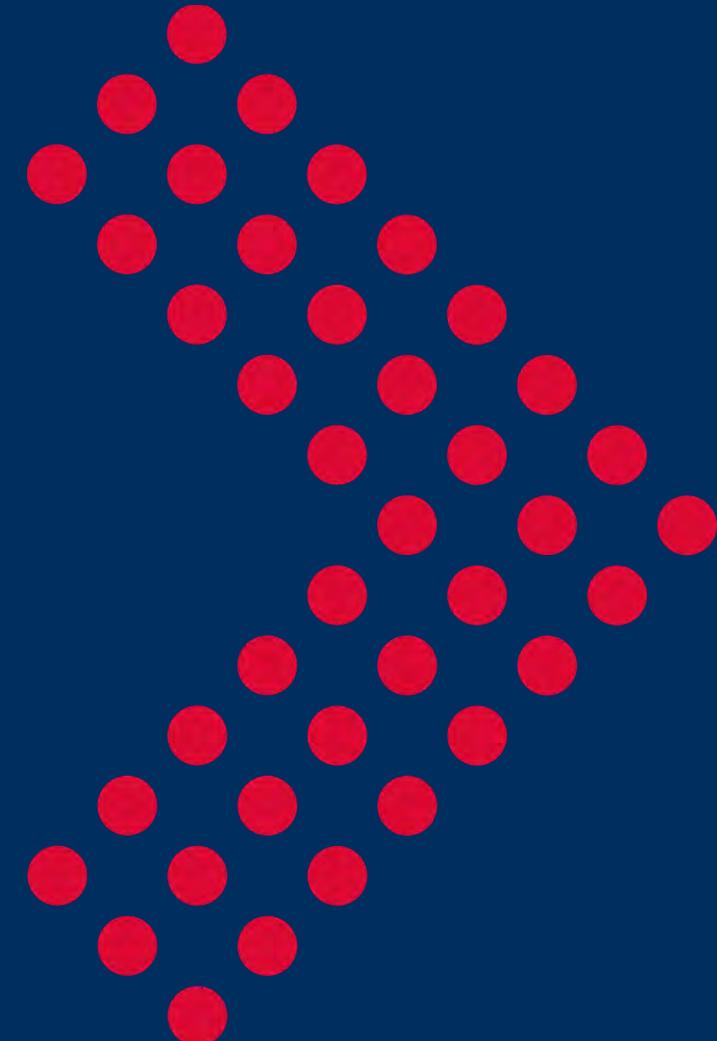
" The Business School gave me essential technical and leadership skills and refined my ability to connect with others.

Haneen Abdelqader
MSc Business Analytics, 2023

Data and Analytics Consultant, FTI Consulting

UNIVERSITY OF EDINBURGH
Business School

" I'm enjoying advancing my career in an international banking environment.

Theodoros Stamoulis
MSc Banking and Risk, 2017

*Associate, Credit Risk, JP Morgan
Chase & Co*
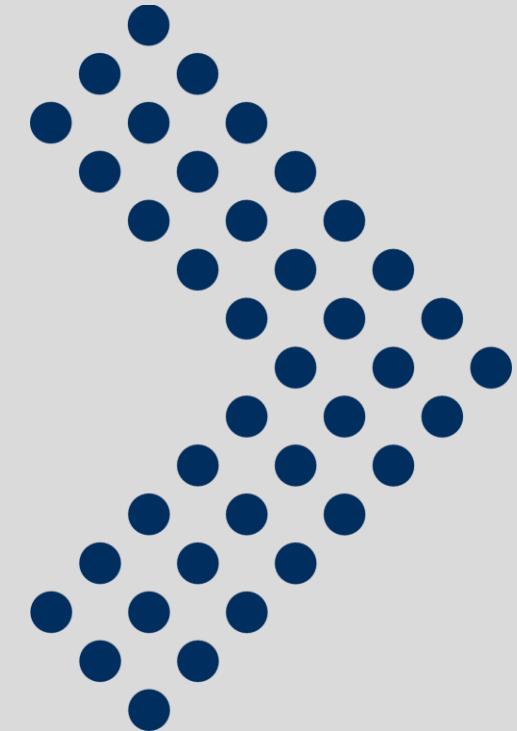
UNIVERSITY OF EDINBURGH
Business School

"

Hear about my experience

Sidhanth Thalanki Mukesh

MSc Business Analytics
Student Ambassador

UNIVERSITY OF EDINBURGH
Business School

Stay connected

futurestudents@ed.ac.uk
@uoebusiness

www.business-school.ed.ac.uk