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Introduction:

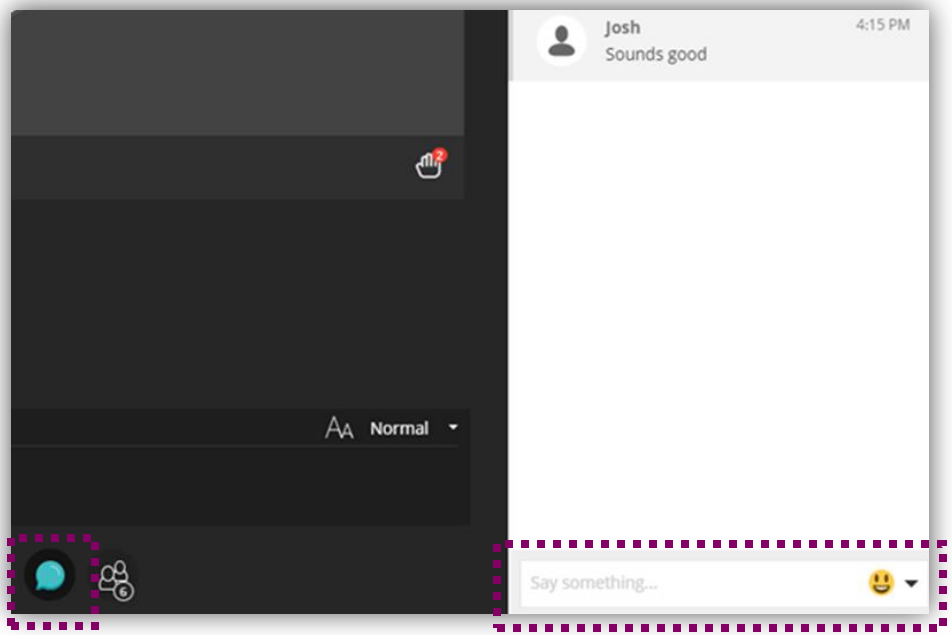
MSc in Business Analytics
MSc in Banking Innovation and Risk Analytics

- Michael Chambers, Student Recruitment Manager
- Jamal Ouenniche, Programme Director, MSc Business Analytics
- Wynne Lam, Programme Director, MSc Banking Innovation and Risk Analytics

- Cillian, Student, MSc Business Analytics
- Sherry, Student, MSc Banking Innovation and Risk Analytics
- Alice, Student, MSc Banking Innovation and Risk Analytics

Audio check

- In this session your microphone will be muted, but you should be able to hear the speaker
- Can you hear the presenter speaking?
- Please type **yes** or **no** in the “Text chat area”



If you cannot hear:

- Check the Audio/visual settings in the Collaborate Panel
- Try signing out and signing back into the session
- Type into the chat box and a moderator will try to assist you

Recording

- Today's session is being **recorded**
- Any information that you provide during a session is **optional** and in doing so you give us consent to process this information
- If you don't want your question or name read out in public, you can email your question to futurestudents@ed.ac.uk

- The session will be stored by the University of Edinburgh and published on our website after the event on a non-indexed web page
- ***You will be emailed with a link to watch the session recording by the end of next week***

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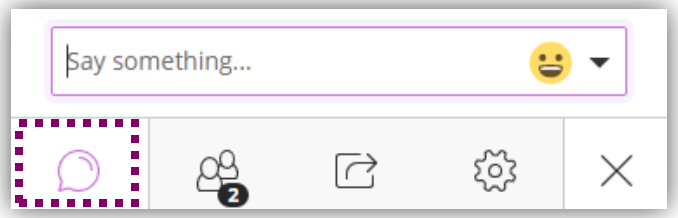
Asking questions on Collaborate

- Please hold all questions until the end of the formal presentation
- Always use the ‘hand raise icon’ to queue up your question
- When called upon to ask your question, type it into the “Text chat area”
- Once your question is answered, please lower your hand



Coming up

- What is the study timeline like?
- Learn more about:
  - MSc Business Analytics
  - MSc Banking Innovation and Risk Analytics
- Find out about the dissertation
- Discover how our students engage with industry
- Hear about career outcomes

This session also features Q&A with a current student

Study timeline

Semester 1

Sept - Dec

Taught classes

↓

Semester 2

Jan – May

Taught classes

↓

Semester 3

May – Aug

Dissertation

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MSc Business Analytics

Jamal Ouenniche

Chair in Business Analytics

Programme Director for MSc Business Analytics

Jamal.Ouenniche@ed.ac.uk

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MSc Business Analytics

This is the age of Big Data. Organisations hold more information about their business environments than ever before. Increasingly, these organisations are recognising the role of data in gaining insights and out-thinking competitors. As a result there is a growing demand for employees and managers who have analytical skills and can make informed decisions that can drive organisational success.

Our MSc ranks 25th in the 2025 QS Business Analytics Rankings

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Courses

Semester 1 (Sept – Dec)

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

Semester 2 (Jan – May)

- Analytics of Decision Making under Multiple Criteria
- Industrial Organisation
- Large Language Models in Business Analytics
- Performance Analytics with DEA
- Prescriptive Analytics in Humanitarian Logistics
- Simulation Modelling and Analysis
- Soft Computing
- Stochastic Optimization
- Web and Social Network Analytics

Key:

Compulsory course

Option courses

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MSc Banking Innovation and Risk Analytics

Wynne Lam

Programme Director for MSc Banking Innovation and Risk Analytics

Senior Lecturer in Business Economics

Wynne.Lam@ed.ac.uk

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MSc Banking Innovation and Risk Analytics

Our MSc in Banking Innovation and Risk Analytics will provide you with a strong foundation in analytical and programming skills applied to risk management and in general to the banking and financial sectors. It will also deliver advanced knowledge of a range of banking innovations and technologies.

Courses

Semester 1 (Sept – Dec)

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

Semester 2 (Jan – May)

- Credit Risk Management
- Topics in Banking Innovation

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

Key:

Compulsory course

Option courses

Dissertation

- Through the completion of **a piece of individual research**, the student develops a deep understanding and level of analysis of theories and process as related to organisations and the broader business environment.

- **Client Sourced Dissertation** (CSD) - student carries out an authoritative piece of work on a business or management issue identified by a project client.

  Benefits:

  - 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

Engage with local and global industry

- Guest speakers, workshops, and seminars
- Alumni panels
- Group consultancy projects
- Client Sourced Dissertation
- Employability & Careers Expo
- Treks (visits to companies whether locally or further afield. Most recent visit was in London)

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Discover career outcomes from the:

Masters of Change

We are proud to share the inspiring stories of our alumni and to continuously expand this international network of graduates making change in their fields.

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MSc Business Analytics

Dimitrios Petkidis MSc

Data Engineer, ITV

MSc Business Analytics, 2020

“During my studies, I learned project involvement from start to finish and effective collaboration with diverse backgrounds and skill sets for tackling complex challenges.

These, along with a drive for continuous personal and professional improvement instilled during my studies, continue to guide my work and personal life.”

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MSc Banking Innovation and Risk Analytics

Theodoros Stamoulis MSc

Associate, Credit Risk, JP Morgan Chase & Co

MSc Banking Innovation and Risk Analytics, 2017

"The variety of courses offered specialising in different types of risk have laid the groundwork for a successful career in credit risk at JP Morgan. Not only that, the excursions, prestigious guests, and interaction with international students and alumni who all shared their insights enabled me to choose the option that was best for me."

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Hear about my experience

Cillian

Vietnam

MSc Business Analytics

Sherry

Taiwan

MSc Banking Innovation and Risk Analytics

Alice

Taiwan

MSc Banking Innovation and Risk Analytics

Get involved: Ask your questions in the chat box!

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Next steps

https://virtualvisits.ed.ac.uk/pg

https://edin.ac/student-chat-pg

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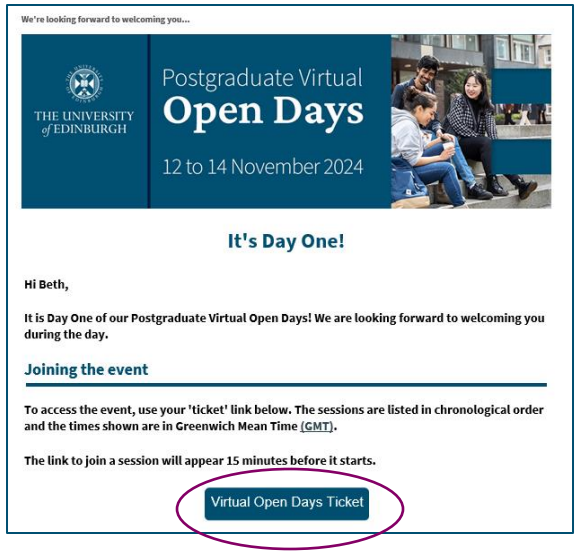
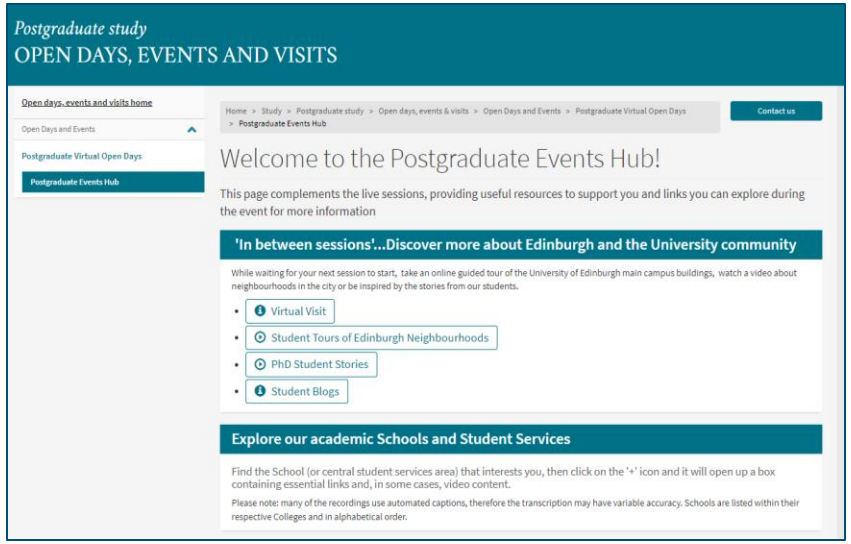
- Return to your ‘e-ticket’ to find and attend other sessions you booked – by clicking on the button in the email sent to you...



… and visit the event hub:

https://edin.ac/4gZuP3G



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