Imperial College Business School

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BSc Economics, Finance and Data Science: Modules

Modules

All modules in the first two years are compulsory for all students. They are designed to provide a theoretical and practical grounding in all three subject areas of the degree.

In year three, you design your learning by choosing from a rich array of electives spanning economics, finance, and data science, as well as other areas of expertise offered by the Business School. You may concentrate in one area in order to specialise, or mix them for a broader learning experience.

Year one

Module	Term
Mathematical Foundations	Autumn
Statistics	
Introduction to Data Science	
Big Issues in Economics, Finance and Business	
Accounting	
Microeconomics 1	Spring
Macroeconomics 1	
Data Structures and Algorithms	
Essential Skills 1: Creative Problem Solving	Autumn, Spring, Summer

Year two

Module	Term
Microeconomics 2	Autumn
Econometrics 1	
Machine Learning	
Corporate Finance and Capital Markets	
Macroeconomics 2	Spring
Econometrics 2	
Operations Research	
Databases and Cloud Computing	
Essential Skills 2: Emotional Intelligence in the Workplace	Autumn, Spring

Year three

In year three, you will apply your learning to a final year project, explore another course from one of Imperial's other departments, complete your essential skills modules, and choose six electives. Choose all electives from one area if you wish to specialise in that subject area.
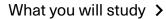
Compulsory modules

Module	Term
Laboratory of Methods in Economics, Finance and Data Science	Autumn, Spring
Essential Skills 3	
I-Explore: Choose options from other departments at Imperial	
Final Project	Spring, Summer

Electives

View elective options   +

‹ The course

What you will study ›

What you will study

Learn more about the skills and knowledge you will acquire in each subject through studying this course and how you will be assessed.

Find out more

The course

Gain the degree of the future. A first-of-its kind degree combining economics and finance with the learning of data science that meets the demands of the future.

Find out more

Student experience

Have an unparalleled student experience in London. Make global connections in a diverse student community - from 150 countries – in a multi-cultural city for a truly enriched campus experience.

Find out more

Find us

Imperial College
Business School

Imperial College London, South Kensington Campus,
London, SW7 2AZ, United Kingdom

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