MANAGEMENT SCIENCE BSc
UCAS CODE: N991
2021 ENTRY

www.ucl.ac.uk/prospectus
Management Science BSc

The world's leading companies need people who can operate in complex, innovation-intensive, data-driven environments; people who can analyse problems using quantitative tools and qualitative methods, take decisions in the face of uncertainty and risk, and deliver results through people. Taught by the UCL School of Management, the Management Science BSc provides a rigorous, practical foundation in these critical skills.

Key information

Programme starts
September 2021

Location
London, Bloomsbury

Degree structure

In each year of your degree you will take a number of individual modules, normally valued at 15 or 30 credits, adding up to a total of 120 credits for the year. Modules are assessed in the academic year in which they are taken. The balance of compulsory and optional modules varies from programme to programme and year to year. A 30-credit module is considered equivalent to 15 credits in the European Credit Transfer System (ECTS).

Core modules in mathematics, critical analytical thinking, data analytics, design, economics, computational thinking and behavioural science provide a solid grounding in the concepts and tools underpinning the practice of management in complex, innovation-intensive, data-driven environments.

In addition, modules including strategy, marketing science, finance, operations management, and decision science provide an in-depth understanding of how companies work and build the insight and skills needed to deliver results through people.

During the programme you will take part in twelve Scenario Weeks designed to develop your problem solving and consulting skills.

During a Scenario Week you are given a real interdisciplinary management problem that you work on in teams. Your objective is to develop a practical solution using whatever knowledge and tools you need. The Scenario Weeks will be challenging. But so is business.

You will benefit from being part of UCL Engineering and take an Engineering Sciences minor in years two and three.

Upon successful completion of 360 credits, you will be awarded a BSc (Hons) in Management Science.

Please note that the list of modules given here is indicative. This information is published a long time in advance of enrolment and module content and availability is subject to change.

YEAR ONE

Compulsory module(s)
- Behavioural Science
- Business Economics I
- Business Economics II
- Critical Analytical Thinking
- Data Analytics I (Statistics and Data Mining)
- Mathematics I (Calculus and Dynamic Modelling)
- Mathematics II (Linear Algebra)
- The Art of Science and Management

Optional modules
- All first year modules are compulsory.
YEAR TWO

Compulsory module(s)
- Computational Thinking
- Data Analytics II (Machine Learning and Forecasting)
- Design
- Finance I (Financial Analysis)
- Mathematics III (Probability Theory)
- Product, Technology and Operations Management
- Strategy by Design

Optional modules
- Engineering Sciences Minor I

FINAL YEAR

Compulsory module(s)
- Decision Science
- Delivering Results Through People
- Finance II (Investment Management)
- Management Science Dissertation I
- Management Science Dissertation II
- Marketing Science

Optional modules
- Engineering Sciences Minor II
- Engineering Sciences Minor III

Your learning
Teaching and learning is conducted through lectures, seminars, case studies and practicals. There is a substantial and ever-developing virtual learning environment in which you will be expected to participate fully. Extensive background reading and literature research are required throughout the programme. You will attend special sessions, guest lectures, and regular tutorials.

Assessment
Modules are examined through assessed coursework and written examinations. Examinations take place at the end of each academic year.

Accessibility
Details of the accessibility of UCL buildings can be obtained from AccessAble. Further information can also be obtained from the UCL Student Support & Wellbeing team.

Your career
The Management Science BSc helps you develop the deep interdisciplinary skills needed to identify and solve complex management problems. It also helps you develop the practical problem solving and consulting skills that will enable you to create value and deliver results in whatever career you choose.

Graduates from the Management Science programme work at some of the world’s leading companies, including top management consulting firms, global investment banks, and cutting-edge technology companies.

Your application
Application for admission should be made through UCAS (the Universities and Colleges Admissions Service). Applicants currently at school or college will be provided with advice on the process; however, applicants who have left school or who are based outside the United Kingdom may obtain information directly from UCAS.

We are looking for: strong mathematical/quantitative skills; interest in people, what motivates them and how they behave; able to think creatively and present your views coherently; excited by technology, innovation and entrepreneurship; interested in business and in wider societal, cultural and global issues; able to work with other people; prepared to undertake a rigorous and intellectually demanding academic programme.

Selection is made based on the information provided in your UCAS application and personal statement. There were 20 applications per place for this programme for entry in 2019. The total intake for the Management Science BSc and MSci programmes for 2021 entry is 75.
**Entry requirements**

**A LEVELS**
**Standard Offer:** AAA. Mathematics required.
**GCSE:** English Language and Mathematics at grade C or 5. For UK-based students, a grade C or 5 or equivalent in a foreign language (other than Ancient Greek, Biblical Hebrew or Latin) is required. UCL provides opportunities to meet the foreign language requirement following enrolment, further details at: www.ucl.ac.uk/ug-reqs.
**Contextual Offer:** ABB. Mathematics required.
**GCSE:** English Language and Mathematics at grade C or 5. For UK-based students, a grade C or 5 or equivalent in a foreign language (other than Ancient Greek, Biblical Hebrew or Latin) is required. UCL provides opportunities to meet the foreign language requirement following enrolment, further details at: www.ucl.ac.uk/ug-reqs.

**IB DIPLOMA**
**Standard Offer:** 38 points. A score of 18 points in three higher level subjects, including grade 6 in Mathematics, with no score lower than 5.
**Contextual Offer:** 34 points. A score of 16 points in three higher level subjects, including grade 6 in Mathematics, with no score lower than 5.

**CONTEXTUAL OFFERS – ACCESS UCL SCHEME**
As part of our commitment to increasing participation from underrepresented groups, students may be eligible for a contextual offer as part of the Access UCL scheme. For more information see www.ucl.ac.uk/prospectus.

**OTHER QUALIFICATIONS**
UCL considers a wide range of UK and international qualifications for entry into its undergraduate programmes. Full details are given at: www.ucl.ac.uk/otherquals.

**UNDERGRADUATE PREPARATORY CERTIFICATES (International foundation courses)**
UCL Undergraduate Preparatory Certificates (UPCs) are intensive one-year foundation courses for international students of high academic potential who are aiming to gain access to undergraduate degree programmes at UCL and other top UK universities.

Typical UPC students will be high achievers in a 12-year school system which does not meet the standard required for direct entry to UCL.

For more information see: www.ucl.ac.uk/upc.

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**TUITION FEES**
The fees indicated are for undergraduate entry in the 2021/22 academic year. The UK fees shown are for the first year of the programme at UCL only. Fees for future years may be subject to an inflationary increase. The Overseas fees shown are the fees that will be charged to 2021/22 entrants for each year of study on the programme, unless otherwise indicated below.

- **UK:** £9,250 (2021/22)
- **Overseas:** £31,200 (2021/22)

Full details of UCL’s tuition fees, tuition fee policy and potential increases to fees can be found on the UCL Students website.

**ADDITIONAL COSTS**
This programme does not have any additional costs outside of purchasing books or stationery, printing, thesis binding or photocopying.

A guide including rough estimates for these and other living expenses is included in the UCL Fees and funding pages. If you are concerned by potential additional costs for books, equipment, etc., please get in touch with the relevant departmental contact (details given on this page).

**FUNDING**
Various funding options are available, including student loans, scholarships and bursaries. UK students whose household income falls below a certain level may also be eligible for a non-repayable bursary or for certain scholarships. Please see the Fees and funding pages for more details.

**CONTACT**
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**UK withdrawal from the EU**
For up-to-date information relating to specific key questions following the UK’s withdrawal from the EU, please refer to: www.ucl.ac.uk/brexit.