This programme combines a thorough training in statistics with modules in economics and finance. The different components of the degree programme reinforce one another to provide a coherent and wide-ranging foundation in modern quantitative techniques useful for a career in finance.

Key information

Programme starts
September 2019

Location
London, Bloomsbury

Degree benefits

// London is the financial capital of Europe and a leading global financial centre, and UCL is located close to the financial institutions in the City.

// The programme is accredited by the Royal Statistical Society (RSS) enabling you to be granted Graduate Statistician (GradStat) status if you achieve second-class honours or above and choose at least 50% of your year two and three modules in statistics (please see accreditation note).

// Teaching is enhanced by the varied research interests of our academic staff; from the foundations of the subject to applications of statistics in science, medicine, industry, economics and finance.

// The department offers a friendly and supportive atmosphere, where small-group teaching and personal attention are available for all students.

Accreditation

This programme is accredited by the Royal Statistical Society. On application to the Royal Statistical Society, graduates are awarded Graduate Statistician (GradStat) status, providing formal recognition of a member’s statistical qualifications, subject to achieving second class honours or above, and at least 50% of your year two and three modules are in statistics. Please note: current accreditation extends until 2017/18. We are applying to retain it for eligible students who enrol from 2018/19 onwards.

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).

The statistics modules are drawn from the Statistics BSc degree. Your first year will include mathematics, statistics and some computing, which will be followed by increasing specialisation in statistics in the second and third years. The economics and finance components include a foundation in micro- and macroeconomics and financial accounting, and a range of options including modules in Money and Banking, Financial Computing, Econometrics and Economics of Finance.

YEAR ONE

Core or compulsory module(s)

- Accounting for Business
- Economics I
- Further Probability and Statistics
- Introduction to Practical Statistics
- Introduction to Probability and Statistics
- Mathematics for Students of Economics, Statistics and Related Disciplines I
- Mathematics for Students of Economics, Statistics and Related Disciplines II

Optional modules

- All first year modules are compulsory.

YEAR TWO

Core or compulsory module(s)

- Computing for Practical Statistics
- Introduction To Applied Probability
- Linear Models and the Analysis of Variance
- Mathematics for Students of Economics, Statistics and Related Disciplines III
- Probability and Inference

Optional modules

- You will select 1.5 credits of optional modules, including at least one of the following:
  - Applied Economics
  - Economics II
- Remaining credits can be selected from a wide range of options which may include:
  - Managerial Accounting for Decision Making
  - Money and Banking
  - Social Statistics

FINAL YEAR

Core or compulsory module(s)

- Statistical Inference
- Stochastic Methods in Finance I

Optional modules

- You will select 3.0 credits from a wide range of optional modules.
Your learning

We employ a variety of teaching methods which include lectures, small-group tutorials, problem classes and computer workshops and e-learning. Lecturers have regular “office hours” during which you are welcome to come and ask questions about the programme material.

Assessment

Most modules are examined at the end of the academic year in which they are taken using a combination of end-of-year examinations and in-course assessment. Prizes may be awarded to the most outstanding students in the first, second and third year.

Your career

Together with subject-specific knowledge, the programme is designed to equip you with skills valued by employers including: advanced numeracy and quantitative skills, analytical and problem-solving skills, and computing skills. You will also develop your research skills, communication skills and word processing skills through statistical project work.

The demand for graduates with training in statistical science is now a permanent feature in both advanced and developing countries for jobs in finance, commerce, industry, research, education and government. Graduates from this department are well represented in all these fields, in this country and overseas, and recent graduates have continued to be successful in obtaining a wide variety of jobs.

First career destinations of recent graduates (2013-2015) of this programme include:

- Graduate Analyst, Barclays
- Statistical Consultant, ORC International
- Tax Specialist Graduate Programme, HM Revenue and Customs (HMRC)
- MPhil in Finance and Economics, University of Cambridge
- MSc in Applied statistics, University of Oxford

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.

When we receive your application we will consider your academic record, your predicted grades, your personal statement and your reference. Your application should demonstrate high academic ability, particularly in mathematics, an informed interest in all components of your chosen degree programme and good communication skills. Attendance at an open day may be required; in special cases, candidates may be interviewed.

We will decide whether to invite you to an applicant open day on the basis of our assessment of your application. Your visit will include an opportunity to meet staff and current undergraduates, a tour of UCL, a taster lecture and introductory talks about the department and degree programmes.
Entry requirements

**A LEVELS**

**Standard Offer:** A’AA. A* in Mathematics required. Further Mathematics preferred. If you are studying both then the A* can be in either subject.

**Contextual Offer:** A’BB. A* in Mathematics required. Further Mathematics preferred. If you are studying both then the A* can be in either subject.

**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:** 39. A score of 19 points in three higher level subjects including grade 7 in Mathematics, with no score lower than 5.

**Contextual Offer:** 36. A score of 17 points in three higher level subjects including grade 7 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/ug-reqs

**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/otherqual

**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.

### TUITION FEES

The fees indicated are for undergraduate entry in the 2019/20 academic year. The UK/EU 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 2019/20 entrants for each year of study on the programme, unless otherwise indicated below.

- **UK & EU:** £9,250 (2019/20)
- **Overseas:** £25,260 (2019/20)

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**

If you are concerned by potential additional costs for books, equipment, etc. on this programme, please get in touch with the relevant departmental contact (details given on this page).

### FUNDING

The department offers an undergraduate scholarship, the EJ Gumbel Scholarship.

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

Dr Elinor Jones

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Department: Statistical Science

### EU referendum

For up-to-date information relating to specific key questions following the UK’s decision to leave the EU, please refer to: www.ucl.ac.uk/ucl-and-europe

### Disclaimer

This information is for guidance only. It should not be construed as advice nor relied upon and does not form part of any contract. For more information on UCL’s degree programmes please see the UCL Undergraduate Prospectus at www.ucl.ac.uk/prospectus