STATISTICS, ECONOMICS AND A LANGUAGE BSc / UCAS CODE: GLR0 2018 ENTRY
www.ucl.ac.uk/prospectus/statsci
Statistics, Economics and a Language BSc /

At a time of globalisation of business and finance, the ability to communicate in a foreign language can significantly enhance your career prospects. This BSc combines a thorough training in statistics with modules in economics and the study of a foreign language (Arabic, French, German, Italian, Japanese, Mandarin or Spanish).

**Key information**

**Programme starts**
September 2018

**Location**
London, Bloomsbury

**Degree benefits**
- 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.
- 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.
- The UCL Centre for Languages & International Education (CLIE) offers comprehensive facilities, including a DVD library, language laboratory, computer-assisted language learning, satellite television, resource books, journals and newspapers.

**Research Excellence Framework (REF) 2014**
The Research Excellence Framework, or REF, is the system for assessing the quality of research in UK higher education institutions. The 2014 REF was carried out by the UK’s higher education funding bodies, and the results used to allocate research funding from 2015/16.

- 82% rated 4* (‘world-leading’) or 3* (‘internationally excellent’)

Learn more about the scope of UCL’s research, and browse case studies, on our Research Impact website.

**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.

**Degree structure**

In each year of your degree you will take a number of individual modules, normally valued at 0.5 or 1.0 credits, adding up to a total of 4.0 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 1.0 credit is considered equivalent to 15 credits in the European Credit Transfer System (ECTS).

The statistics component of the programme is based on the Statistics BSc. 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 component includes a foundation in micro- and macroeconomics and a range of optional modules in economics, econometrics and finance. When you start the programme you will be asked to nominate a language (Arabic, French, German, Italian, Japanese, Mandarin or Spanish), and you will follow modules in this language and its associated culture.

Each language is offered at a range of different levels, from modules for complete beginners to advanced post A level modules focusing on the use of the language in a business, professional or academic context. The starting level is flexible and will depend on your prior knowledge of your chosen language.

It is also possible to study two foreign languages in this degree programme if you have sufficient prior knowledge of one of these languages.

**YEAR ONE**

**Core or compulsory module(s)**
- Module in your chosen language
- Economics I (Combined Studies)
- 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)**
- Module in your chosen language
- 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:
  - Computing for Practical Statistics
  - Social Statistics
- Plus at least one of the following:
  - Applied Economics
  - Economics 2
- Any remaining credits can be selected from a wide range of options including modules in your chosen language.

**FINAL YEAR**

**Core or compulsory module(s)**
- Module in your chosen language
- Statistical Inference

**Optional modules**
- You will select 3.0 credits from a wide range of options including modules in your chosen language.
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:

// Quantitative Analyst, Markit
// Full-time student, MPhil/PhD in Statistics at UCL
// Investment Banking Analyst, Lazard

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**

*Grades*

A*AA-AAA

*Subjects*

A* in Mathematics or AA in Mathematics and Further 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](http://www.ucl.ac.uk/ug-reqs)

**IB DIPLOMA**

*Points*

36-39 overall.

*Subjects*

A score of 18-19 points in three higher level subjects including grade 7 in Mathematics, with no score lower than 5.

**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](http://www.ucl.ac.uk/otherquals)

**UNDERGRADUATE PREPARATORY CERTIFICATES (International foundation courses)**

The 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](http://www.ucl.ac.uk/upc).

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**TUITION FEES**

The fees indicated are for undergraduate entry in the 2018/19 academic year. The UK/EU fees shown are for the first year of the programme at UCL only. The Overseas fees shown are the fees that will be charged to 2018/19 entrants for each year of study on the programme, unless otherwise indicated below.

- **UK & EU**: £9,250 (2018/19)
- **Overseas**: £23,390 (2018/19)

Full details of UCL’s tuition fees, tuition fee policy and potential increases to fees can be found on the [UCL Students website](http://www.ucl.ac.uk)).

**FUNDING**

The department offers an undergraduate scholarship, the [Statistical Science Scholarship](http://www.ucl.ac.uk)).

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](http://www.ucl.ac.uk/prospectus) pages for more details.

**CONTACT**

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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/eu-referendum](http://www.ucl.ac.uk/eu-referendum)

**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](http://www.ucl.ac.uk/prospectus).