



UCL

UNIVERSITY PREPARATORY CERTIFICATES

Undergraduate foundation courses
for international students

2012 ENTRY



www.ucl.ac.uk/upc

UCL (UNIVERSITY COLLEGE LONDON)

Welcome to UCL, one of the world's leading universities, located in the heart of London.



UCL profile

Founded in **1826**. Over **24,000** students, of whom some **13,600** are undergraduates. **52%** female **48%** male students. More than **9,100** students from countries outside the UK. **52** academic departments / units in **10** faculties:

- Arts and Humanities
- Brain Sciences
- Built Environment
- Engineering Sciences
- Laws
- Life Sciences
- Mathematical and Physical Sciences
- Medical Sciences
- Population Health Sciences
- Social and Historical Sciences



World-class

UCL achieves consistently high rankings in external assessments and league tables, including being ranked fourth in the QS World University Rankings 2010.



Location

A central London campus offers outstanding academic, professional and social benefits. Vibrant and exciting, London's internationally renowned institutions, such as the British Library, are within walking distance of UCL. London inspires and UCL is at its heart.



Diversity

Our students are selected on the basis of their talent and potential. Around 35% of UCL students come from outside the UK and there is a cosmopolitan, friendly and inclusive atmosphere throughout the university.

QS World University Rankings 2010

Rank	Institutions	Country
1	University of CAMBRIDGE	UK
2	HARVARD University	US
3	YALE University	US
4	UCL (University College London)	UK
5	MASSACHUSETTS Institute of Technology	US
6	University of OXFORD	UK
7	IMPERIAL University	UK
8	University of CHICAGO	US
9	CALIFORNIA Institute of Technology	US
10	PRINCETON University	US



UCL University Preparatory Certificate Courses

Preparation for university at university:

Undergraduate foundation courses for international students with high academic potential.

UCL Undergraduate Preparatory Certificate (UPC) courses are for students who have completed their Secondary / High School education overseas with qualifications that do not allow them direct entry to UCL's undergraduate degree programmes.

Over one academic year, the course provides an intensive preparation for the academic challenges of a top UK degree programme.

There are two undergraduate foundation courses at UCL:

- **UCL University Preparatory Certificate for Science and Engineering (UPCSE)**
- **UCL University Preparatory Certificate for the Humanities (UPCH)**

The information in this brochure provides an overview of UPC courses. More detailed information is available on our courses website. Applicants are advised to visit the site prior to making an application for the course. www.ucl.ac.uk/upc

The brochure should be read in conjunction with the UCL Undergraduate Prospectus which provides information on all UCL degree programmes.



UCL UNIVERSITY PREPARATORY CERTIFICATES



Key facts

University Preparatory Certificate (UPC) students are taught at UCL by UCL academic staff.

All lectures, seminars and tutorials are delivered within the university.

UPC students enrol at the university as UCL students with access to all university resources.

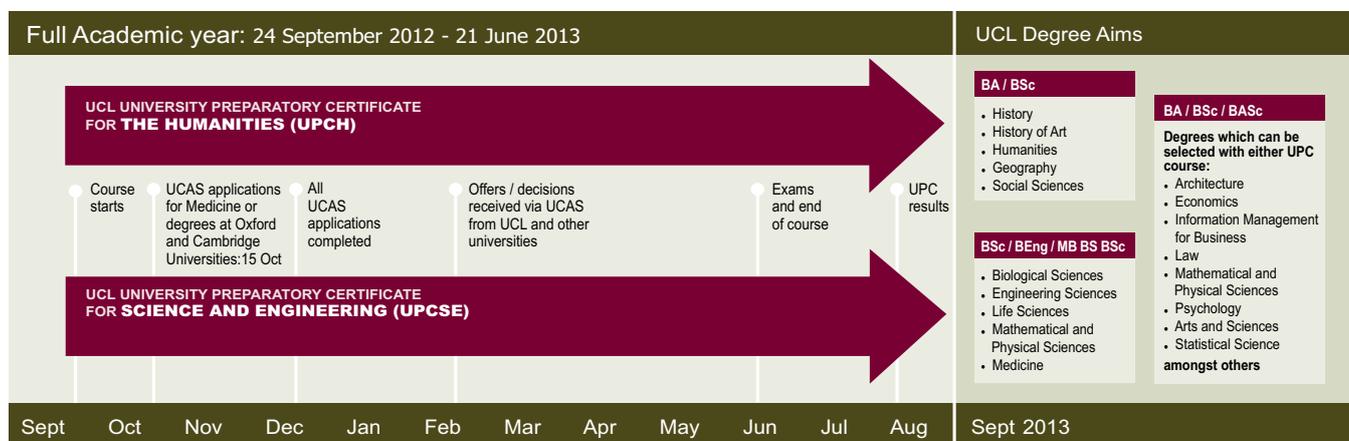
UCL student accommodation is guaranteed for applicants accepting an offer of a place and meeting the accommodation application deadline of **31 May 2012**.

UPC courses provide **23 hours** of class study per week, covering:

- Academic skills
- Academic English
- Critical thinking skills
- Lectures, seminars, classes and personal tutorials
- Research skills and research projects
- Laboratory and practical skills (UPCSE)
- Design portfolio (Architecture BSc pathway)
- BMAT (Medicine) and LNAT (Law) exam preparation (if required)
- Field trips and personal development.



UCL University Preparatory Certificate pathways – an overview



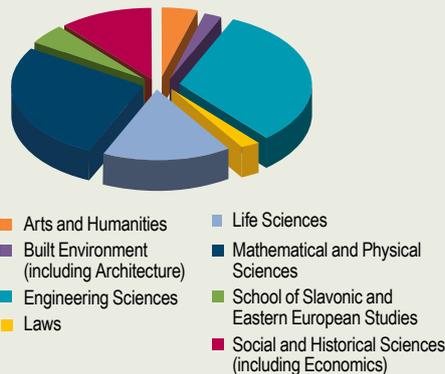
UPC statistics

Where do UPC students come from? 2010 Entry (28 nationalities represented)

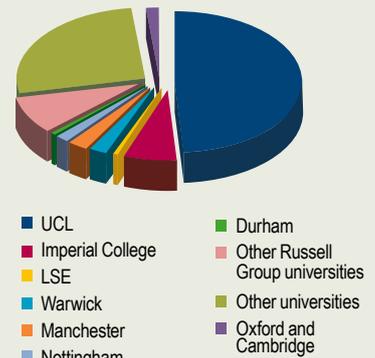


35% of former UPC students on undergraduate programmes at UCL are gaining first-class Honours

Which UCL degree programmes do UPC students study? 2010 Entry



Which universities do UPC students go to? 2006 - 2010 Entry



UNIVERSITY PREPARATORY CERTIFICATE FOR SCIENCE AND ENGINEERING ~ UPCSE

'UPCSE has a very nice, friendly atmosphere. It introduced me to many different cultures. The lecturers were helpful, and the trips to Stratford-Upon-Avon and Devon were great!' **Dhafer**, Saudi Arabia (UCL Mechanical Engineering BEng)

Successful UPCSE students gain entry to the best undergraduate degree programmes in Mathematical and Physical Sciences, Life Sciences (including Medicine) and Engineering. All UPCSE students will study Academic English and a research skills module, Science and Society. In addition students will select 2 core modules in academic subjects which they have previously studied.

Pathway to your degree

Planned UCL degree (BSc, BEng, MB BS BSc)	Recommended UPCSE Core Modules compulsory modules shown in Bold type
Architecture BSc	Mathematics + Physics (Biology / Chemistry also possible)
Chemical Engineering BEng	Mathematics + Chemistry
Life Sciences BSc	Biology + Chemistry
Medicine MB BS BSc	Biology + Chemistry
Mathematics BSc	Mathematics + Physics
Engineering Sciences BEng, BSc	Mathematics + Physics
Physical Sciences BSc	Mathematics + Physics
Statistical Sciences BSc	Mathematics + Physics



See the UCL Undergraduate Prospectus for more information on UCL degree entry requirements

UPCSE: Compulsory Modules

Core Module selection (choose 2)

Science and Society
<p>Research and Academic Skills</p> <p>An introduction to the ethical, social, economic, environmental and technological impacts of science today. Topics may include Biofuels, Global Warming, Superbugs, Nanotechnology, Science and Crime. Examining an area which interests and inspires them, students will undertake an individual research project building their confidence and independence in researching and presenting information.</p>
Academic English
<p>This is a key module and crucial for success. The focus is on improving English for academic study. Components include project and essay writing; lecture comprehension and effective note-taking; academic reading and speaking. The module is delivered through classes, lectures, seminars and personal tutorials. Weekly tutorials provide students with individual feedback and advice.</p>

Chemistry
<p>Chemistry influences many modern scientific advances. New pharmaceuticals, semiconductor materials and MRI scanning are just a few examples. Medicine, agriculture and industry all benefit from new materials and methods discovered by chemists. Chemistry also has a vital role in minimising the environmental impact of modern life. Practical laboratory work will enable students to increase their knowledge and confidence.</p>
Biology
<p>Biology is the science of life in all its aspects. Exciting new discoveries are being made almost daily in the fields of genetics and evolution, medical diagnosis and treatment, brain function and cognition. Fundamental areas such as biochemistry, genetics and microbiology are covered on this module. Awareness of scientific methods will be developed with practical laboratory sessions.</p>

Physics
<p>Providing an excellent foundation in classical physics, this module introduces students to the great discoveries of the last one hundred years – relativity and quantum mechanics. There is a strong emphasis on rigorous mathematical treatment, including calculus, as well as an introduction to the fundamentals of mathematical modelling. A series of laboratory classes reinforce and extend material covered in theory classes.</p>
Mathematics
<p>Mathematics is an essential tool for all scientific and engineering disciplines. This module provides students with the mathematical knowledge and skills to handle the quantitative and mathematical components of degree programmes in science and engineering. Existing mathematical knowledge is enhanced to an advanced level.</p>



Optional: UCL Architecture BSc Pathway

UPC Architecture Pathway students will join undergraduates at the UCL Bartlett School of Architecture each week, to work on portfolios. The portfolio is crucial for UPC students who plan to progress to the Architecture BSc at UCL.

Samples of art work (portfolio) will be requested during application to UPC.

www.ucl.ac.uk/upcse

Email: upcse@ucl.ac.uk Tel: +44 (0)20 7679 8665

UNIVERSITY PREPARATORY CERTIFICATE FOR THE HUMANITIES ~ UPCH

‘UPCH was the perfect transition course: eye-opening, challenging and rewarding.’

Sophia, China (UCL Psychology BSc)

Pathway to your degree

Planned UCL degree (BA, BSc, LLB)	Recommended UPCH Core Modules compulsory Modules shown in Bold type
Architecture BSc	Geography and Modern European Art & Literature + Architecture Pathway module
Economics BSc	Mathematics + Geography or Modern European History and Politics or Economics
English BA	Modern European Art and Literature + The Classical World
European Social and Political Studies BA	Modern European History and either Politics and Modern European Art and Literature or Classical World
Geography BA, BSc	Geography + Modern European History and Politics
History BA	Modern European History and Politics + Classical World
Information Management for Business BSc	Choose two from: Economics, Geography or Modern European History and Politics
Law LLB	Classical World + Modern European History and Politics or Modern European Art and Literature
Philosophy BA	Classical World + Modern European History and Politics or Modern European Art and Literature
Psychology BSc	Mathematics + Modern European Art and Literature or Modern European History and Politics
Social Sciences BSc	Mathematics + Modern European History and Politics



See the UCL Undergraduate Prospectus for more information on UCL degree requirements

Successful UPCH students gain entry to the best undergraduate degree programmes in the Arts and Humanities (including Philosophy), the Built Environment (including Architecture), Laws, Mathematical Sciences, and Social and Historical Sciences (including Economics, Geography, History of Art). Critical thinking skills are essential for this course in all its modules, and the ability to use English well to express ideas and opinions is paramount.

UPCH: Compulsory Modules

Culture and Society

Research and Academic Skills

Lectures and seminars will cover research topics in Art History, Culture, Economics, Geography, History and Politics. Examining an area which interests and inspires them, students will undertake an individual research project building their confidence, critical thinking skills and independence in researching and presenting information.

Academic English

A key module and crucial for success. The focus is on improving English for academic study. Components include project and essay writing; lecture comprehension and effective note-taking; academic reading and speaking.

or: A Modern European Language

Students with a near native competency in English may study French, German, Italian or Spanish instead of Academic English. The minimum level of English required for this is IELTS 7.5, TOEFL IBT 109 or equivalent.

Core Module Selection (choose 2)

Modern European Art and Literature

Students will be introduced to the history of modern European arts and culture through the analysis of works of art and literature. By critically examining differing perspectives, students will increase their understanding of art as a cultural, social and political phenomenon.

Modern European History and Politics

Key elements of cultural, social and political history since 1789, including current affairs and debates are part of this module. Students will explore political thought and the principles of Western democracy, politics and government, international relations and geopolitics and the European Union. They will also be introduced to concepts such as nationalism, globalisation and state's sovereignty.

Geography

The course focuses on urban environments, planning and architecture. Students will critically consider how the dynamics of globalisation, finance, sustainability and governance interweave across diverse environments, people and places.

Mathematics

Mathematics is an essential tool for Economics and Statistical Sciences. Students gain the advanced skills and knowledge to handle the quantitative and mathematical components of degree level programmes.

Economics

This thorough and rigorous introduction to Economics imparts basic theory and examines modern economic activity using conventional principles of micro- and macroeconomics. Most examples will be from the UK. Students acquire an economist's way of identifying and analysing a problem.

Classical World

Ancient Greece and Rome laid the cornerstones of western culture, and their living legacy explains much of what we experience around us today, from customs and institutions to perceptions, ideas and aspirations. Students will gain understanding of the core role of the classical world in all areas of human endeavour through the ages and to the present day, from the arts to the sciences, in literature, philosophy, politics and law.



www.ucl.ac.uk/upch

Email: upch@ucl.ac.uk Tel: +44 (0)20 7679 8664

APPLICATION AND ACCOMMODATION

UCL University Preparatory Certificate courses are popular and entry is competitive. Applications should be made as early as possible during the final year of school. The courses are not suitable for international students completing their secondary education with qualifications which allow them to enter UCL undergraduate degree programmes directly i.e. with the full IB Diploma or A levels. In addition to the information supplied in this brochure, applicants are advised to check UCL's entrance requirements described in the UCL Undergraduate Prospectus.



Entrance requirements

Applicants will normally be completing Secondary / High School qualifications that do not allow direct entry to UCL degree programmes.

Excellent grades will be demonstrated on school transcripts. Please see www.ucl.ac.uk/upc for a list of country qualifications accepted for UPC entry and minimum grades required.

Applications are made directly to the UCL Language Centre at the correspondence address below. Please download the application form on our website. There is an application fee.

Documents required for application:

- **Fully completed application form** available at www.ucl.ac.uk/upc
- **A teacher's reference**
- **Copies of school transcripts**
- **An English language qualification (IELTS / TOEFL or equivalent)** see English language minimum requirements below
- Applicants wishing to follow the UCL Architecture BSc Pathway must provide a portfolio. This should include at least 6 drawings from life as well as work in other media, such as paintings, collages, 3d, photographs etc.

Following the submission of the application documents listed above, suitable candidates will be contacted regarding their entrance tests.

University Preparatory Certificate for Science and Engineering (UPCSE)

University Preparatory Certificate for the Humanities (UPCH)

English language minimum requirements

IELTS: 5.5 overall, with no less than 5.0 in any sub-test
TOEFL (IBT): 71 overall, with no less than 15 in any subtest

IELTS: 6.0 overall, with no less than 6.0 in any sub-test
TOEFL (IBT): 79 overall with no less than 20 in any subtest

Entrance tests required

• Biology or • Mathematics
 • Chemistry • Physics

• Critical Thinking
 • Mathematics (if selected)

Suitable applicants will be required to take entrance tests in their selected core modules and if successful will be interviewed for the course.

Applicants should be familiar with the relevant sample test(s) prior to application. Sample tests can be taken at www.ucl.ac.uk/upc



UCL student accommodation

A room is guaranteed for applicants accepting an offer of a place and meeting the accommodation application deadline of **31 May 2012**.

Single room costs per week (2012-13 academic session)

UCL Halls of Residence (catered facilities) £150 - £170 approx.	UCL Student Houses (self-catered) £120 - £190 approx.
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Tuition Fees: 2012 Entry

UPCH: £13,550 UPCH with Architecture BSc Pathway: £14,550	UPCSE: £14,550 UPCSE with Architecture BSc Pathway: £15,550
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For applications and enquiries please contact the UPC Administrators at the UCL Language Centre.

University Preparatory Certificates UCL Language Centre

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www.ucl.ac.uk/upc

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University Preparatory Certificate for the Humanities (UPCH)

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University Preparatory Certificate for Science and Engineering (UPCSE)

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 Tel: +44 (0)20 7679 8665
www.ucl.ac.uk/upcse



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All UCL's English language courses have been accredited and are regularly inspected by the British Council.