I can honestly say I have learned more, seen more, and travelled more in one term than I ever could have imagined. The combination of being in a new culture, and learning from a different point of view inevitably pushes one to see the world in a new light. I am positive that my experience abroad will help me in the future – whether it be dealing with foreign clients, adjusting to a new location, or simply sharing knowledge.

I was hesitant to study abroad but now I am so glad I did! The experience has been indescribable, irreplaceable and priceless. I feel much more mature, cultured and experienced – both academically and socially. Thank you UCL Study Abroad!

Aileen Wang
Mount Holyoke College
Massachusetts, USA
Eminent nationally and internationally, the Bartlett is consistently voted the top architecture school in the UK in the AJ100 (Architects' Journal) list. We offer a multi-disciplinary approach to the study of architecture; our highly innovative teachers, researchers and students have created a new wave of different architectures.

Why study Architecture at UCL?
British architectural education began at UCL in 1841, and since then the Bartlett School of Architecture has been at the forefront of the international architectural debate. Situated in the heart of London, the school is able to draw on the capital’s countless experts and facilities in the field.

What will you gain from study at UCL?
You will join a community which is inextricably involved in the production of new buildings, designs, books and all manner of architectural outputs. This is a school where people constantly design, invent, explore, write, draw, teach, speculate, theorise, film, map, critique, analyse and imagine.

Teaching and assessment
Most of the design teaching is on a one-to-one tutorial basis with frequent review sessions. History, theory and technology core courses support the design work and are assessed through a combination of coursework, essays and examination.

Related courses can be found in these departments:
- Planning, page 65
- Project Management for Construction, page 68

Additional note for applicants
Applicants will need to submit a portfolio showing a range of their current and recent work together with their application.
Making Cities: the Production of the Built Environment

Availability
Fall Term
Credit Value
4 (US) 7.5 (ECTS)

This course fosters a critical understanding of institutional and professional relationships in the production, management and regulation of the built environment. It examines the historical origins of these relationships, current practices and likely futures, principally in Europe.

Level 2 courses

ENVS2001
Design Project
Availability
Year
Credit Value
8 (US) 15 (ECTS)

In this Level 2 Architecture ‘studio’ project students join one of nine units, normally run by a practising architect, investigating a distinctive design philosophy and methodology.

ENVS2002
Design Project
Availability
Year
Credit Value
8 (US) 15 (ECTS)

In this Level 2 Architecture ‘studio’ project students join one of nine units, normally run by a practising architect, investigating a distinctive design philosophy and methodology.

ENVS2003
Architecture Projects
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)

In this Level 2 Architecture ‘studio’ project students join one of nine units, normally run by a practising architect, investigating a distinctive design philosophy and methodology.

ENVS2015
Design Technology 2
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)

This course provides students with the knowledge of technical issues which must be addressed during the design and construction of buildings, with reference to prevailing regulations.

ENVS2023
Computers for the Built Environment
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)

This course offers an introduction to desk-top publishing and computer-aided design, followed by the choice of an in-depth option (Project Planning, Animation, the Web, or 3D Visualisation).

ENVS2034
History and Theory of Architecture
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)

This course explores themes within recent architectural history and theory, setting architecture in relation to internal and external influences and conditions.
The Bartlett School of Planning at UCL is one of the world's premier schools of planning, offering unique opportunities for affiliate students to attend courses in urban studies; urban planning; urban design; real estate and urban regeneration.

Why study Planning at UCL?
The school’s courses place considerable emphasis on project work, drawing extensively from the wealth of urban issues in London and the challenges it confronts as a world city, and from the expertise of its internationally renowned staff and extensive research portfolio.

What will you gain from study at UCL?
Our courses are designed to equip you with relevant theories, methodologies, skills and techniques taken from the social science and design disciplines to develop a capacity for creating thinking. The school’s strong research track record and links to professional practice feed into our teaching.

Teaching and assessment
Teaching is conducted through a variety of methods, including lectures, tutorials and project work. Assessment is mainly by essays, project and coursework and presentations. Some courses involve end-of-year examinations, although alternative assessment is available for those studying here in the Fall Term only.

Extended descriptions of the courses available can be found by visiting the web address at the top of this page

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### ENVS1014
**Introducing Planning Systems**

- **Availability**: Fall Term
- **Credit Value**: 4 (US) 7.5 (ECTS)

This course provides a deep understanding of planning as a policy-making and decision-making process amidst a range of governmental and private interests and high expectations from a range of stakeholders.

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### ENVS1015
**Planning History and Thought**

- **Availability**: Fall Term
- **Credit Value**: 4 (US) 7.5 (ECTS)

This course looks at the stages through which the modern planning system has evolved over two centuries (1800–2000).

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### ENVS1016
**Contemporary Cities**

- **Availability**: Spring Term
- **Credit Value**: 4 (US) 7.5 (ECTS)

Cities provide the powerhouses for economies and homes for an increasing proportion of the world’s population. This introductory course presents an understanding of the political, economic, environmental and social structure of cities.

Please note that some of these courses are available only to Erasmus and JYA / Exchange students whose parent department is the Bartlett School of Planning.

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**Contact name**
Dr Claire Colomb
EMAIL c.colomb@ucl.ac.uk
TEL +44 (0)20 3108 9569

**Availability**
Year, Fall Term, Spring Term

**Tuition fees**
EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.
### Level 2 courses

**ENVS107**
**Urban Lab I: Graphic Skills**
- **Availability:** Fall Term
- **Credit Value:** 4 (US) 7.5 (ECTS)

An introduction to some of the basic drawing and presentational skills and techniques required in urban planning.

**ENVS108**
**Introducing Urban Design: Design Skills**
- **Availability:** Spring Term
- **Credit Value:** 4 (US) 7.5 (ECTS)

An introduction to the theory, techniques and appreciation of design within the context of town planning, urban design and landscape design.

**ENVS1023**
**Management for Built Environment Professionals I**
- **Availability:** Spring Term
- **Credit Value:** 4 (US) 7.5 (ECTS)

Introduces the role and importance of management, focusing on the economic, social and political environment in which this happens with regard to the production of the built environment.

**ENVS1030**
**Introduction to Real Estate**
- **Availability:** Spring Term
- **Credit Value:** 4 (US) 7.5 (ECTS)

This course introduces students to the nature and characteristics of real estate as an asset class and as a factor of production. It will provide an introduction to the main concepts and methods of real estate valuation and drivers of real estate values.

**ENVS2045**
**Economic Concepts for Planning and Real Estate**
- **Availability:** Spring Term
- **Credit Value:** 4 (US) 7.5 (ECTS)

This course covers trends and factors which affect the value of real estate, including the nature and classification of land economics.

**ENVS2044**
**Real Estate Economics**
- **Availability:** Spring Term
- **Credit Value:** 4 (US) 7.5 (ECTS)

This course covers trends and factors which affect the value of real estate, including the nature and classification of land economics.

### Level 3 courses

**ENVS3049**
**Management for Built Environment Professionals II**
- **Availability:** Spring Term
- **Credit Value:** 4 (US) 7.5 (ECTS)

This course examines the core management skills for built environment professionals drawing on research and practice. It is divided into key themes which are strategy, leadership, use of resources, project management and professional ethics.

**ENVS3010**
**Planning for a Changing Countryside**
- **Availability:** Spring Term
- **Credit Value:** 4 (US) 7.5 (ECTS)

This course examines change in the UK countryside during the 20th century. It traces the economic transition away from farming and analyses the consequences for rural society and the environment, asking what role planning has in managing these consequences.
ENVS3044  Cities and Social Change  
Availability  Fall Term  
Credit Value  4 (US) 7.5 (ECTS)  
This course looks at the interrelationships between society and space in Britain’s cities, concepts and theories designed to understand the link between social change and spatial processes, and the policies which have been designed to address urban issues that arise.

ENVS3029  Transport Policy and Planning  
Availability  Spring Term  
Credit Value  4 (US) 7.5 (ECTS)  
This course comprises five lectures giving a basic grounding in transport issues, followed by five project sessions that apply the understanding to a particular location.

ENVS3036  Property and Planning Law  
Availability  Spring Term  
Credit Value  4 (US) 7.5 (ECTS)  
The course will introduce students to the basic elements of private and public law which are relevant to property development and investment.

ENVS3037  Real Estate Valuation  
Availability  Fall Term  
Credit Value  4 (US) 7.5 (ECTS)  
The purpose of this course is to gain an understanding of the economic forces that drive real estate value in the market.

ENVS3038  Finance and Investment Appraisal for Planning and Real Estate  
Availability  Spring Term  
Credit Value  4 (US) 7.5 (ECTS)  
This course covers the institutions and instruments used to finance residential and commercial real estate.
## PROJECT MANAGEMENT FOR CONSTRUCTION

With a focus on the project management of capital projects this study programme provides a wide appreciation of the construction development process. This process is considered from the perspective of the client, designers and funders, as well as that of the constructor.

### Why study Project Management for Construction at UCL?
This programme has a strong vocational focus and industrial relevance. Collectively the teaching staff have extensive industrial experience and teaching is supported by specialists from industry. London is an international centre for construction and therefore provides excellent opportunities for access to both building projects and construction organisations.

### What will you gain from study at UCL?
The programme allows students to gain a detailed understanding of the operation of the construction industry in the UK and of the roles and responsibilities of each project participant. Students will become familiar with project management methodologies and techniques.

### Teaching and assessment
The wide range of subjects studied involves a variety of teaching and assessment methods: these include formal lectures, tutorials, field trips and group project work. Increasingly, students are required to give presentations of their work.

### Extended descriptions of the courses available can be found by visiting the web address at the top of this page

<table>
<thead>
<tr>
<th>Level 1 courses</th>
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<tr>
<td><strong>ENVS1006</strong></td>
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<td><strong>Economics</strong></td>
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<td><strong>Availability</strong></td>
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<td><strong>Year</strong></td>
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<td><strong>Credit Value</strong></td>
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<tr>
<td>4 (US) 7.5 (ECTS)</td>
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<td><strong>This course offers an introduction to the principles, scope and methodology of economics and how these principles are applied to the construction industry.</strong></td>
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</tbody>
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| **ENVS1012**  |
| **Computing for the Built Environment**  |
| **Availability** |
| **TBC**  |
| **Credit Value** |
| 4 (US) 7.5 (ECTS)  |
| **This course offers an introduction to information technology, and reveals the full range of software applications currently in use in the UK construction industry.**  |

| **ENVS1013**  |
| **Introduction to the Built Environment**  |
| **Availability** |
| **Year**  |
| **Credit Value** |
| 4 (US) 7.5 (ECTS)  |
| **This course provides a general background to building and constructional techniques together with an overall philosophy as to why buildings are constructed the way they are, and how this can affect the management of the process.**  |

### Related courses can be found in these departments:
- Architecture, page 63
- Planning, page 65
- Civil, Environmental and Geomatic Engineering, page 75

### Contact name
Peter Ronan
EMAIL: p.ronan@ucl.ac.uk
TEL: +44 (0)20 3108 3217

### Availability
Year

### Tuition fees
EU Students: £9,000
Non-EU Students: £20,700
For full explanation of tuition fees please see page 157.
Level 2 courses

ENVS2004

Building Services Engineering 1
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)
This course considers the range of building services in domestic, commercial and industrial buildings and develops an understanding of the mechanical services systems currently in use.

ENVS2012

Project Management 1
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)
This course provides a brief introduction to project management, and develops the concepts underpinning the discipline of project management and the professional role of the project manager.

ENVS2013

Law 1
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)
This course provides a broad understanding of the law relating to contracts, including case law, theory and practice, which will be relevant to the construction process and the construction professional.

ENVS2014

Quantity Surveying and Contract Procurement
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)
This course offers a broad and critical perspective on building procurement methods, tendering, estimates, cost planning, cost control and life-cycle costing, as well as an understanding of contract documentation and the work of a quantity surveying practice.

ENVS2024

Technology Studies
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)
This course extends students’ knowledge of construction technology to larger, more complex buildings both in terms of design and construction. A strong emphasis is placed on the management and control of the process.

ENVS2025

Economics II
Availability
TBC
Credit Value
4 (US) 7.5 (ECTS)
This course furthers students’ understanding of economic principles by specifically applying the techniques to different project valuations and markets (construction and real estate) within the broader economy.

ENVS2028

Building for a Sustainable Future
Availability
Year
Credit Value
4 (US) 7.5 (ECTS)
This course encourages students to consider the challenges faced by society due to a changing climate and diminishing resources. It examines construction’s impact and how this can be reduced alongside how the built environment of the future will be shaped.

ENVS2042

Management 1
Availability
TBC
Credit Value
4 (US) 7.5 (ECTS)
This course introduces the basic concepts and the recent development in the management of organisational functions.