

BUILT ENVIRONMENT



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 country, adjusting to 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

ARCHITECTURE

Eminent nationally and internationally, the Bartlett has been voted top architecture school in the UK in the AJ100 (*Architect's Journal*) list for seven consecutive years. We offer a multidisciplinary 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 you will 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.

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

Contact Names

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Availability

Year

Tuition Fees

£18,500 (for full explanation of tuition fees please see page 165)

Related courses can be found in these departments:

- Planning, page 73
- Project Management for Construction, page 75

Additional note for applicants

When applying, applicants will need to provide a portfolio showing a good range of their current and recent work

LEVEL 1 COURSES

ENVS1001

Historical and Cultural Developments of Cities and their Architecture

Availability	Year
Credit Value	4 (US) 7.5 (ECTS)

An introduction to the history of western architecture and urbanism. Special attention is given to the understanding of cultural forces that shape buildings and cities.

ENVS1003

Environmental Design

Availability	Year
Credit Value	4 (US) 7.5 (ECTS)

An introduction to environmental design and associated fields including climate, energy and sustainability.

ENVS1004

Structure, Materials and Forming Techniques

Availability	Year
Credit Value	4 (US) 7.5 (ECTS)

An introduction to structural concepts, materials and forming techniques in relation to architecture. A seminar series is followed by studio-based project work.

ENVS1007

Project Work 1A

Availability	Year
Credit Value	4 (US) 7.5 (ECTS)

The Level 1 programme aims to develop a creative and diverse approach to architecture. It is centred on the design studio and is taught to the year as a whole. Students observe, draw, model and design, based in the school's design studios.

ENVS1008

Project Work 1B

Availability	Year
Credit Value	4 (US) 7.5 (ECTS)

The Level 1 programme is centred around a group project installation and a trip to a major European city.

ENVS1009

Project Work 1C

Availability	Year
Credit Value	4 (US) 7.5 (ECTS)

Students will develop and explore their own individual architectural proposal for a given site. Through a series of explorations and models a unique design is developed.





ENVS1010

Project Work 1D

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

In this Level 1 programme the individual architectural design proposal is developed into a building and described through a series of drawings and models.

ENVS1019

The Production of the Built Environment

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

The course addresses relationships in the production, management and regulation of the built environment, and develops skills in observation, research and written presentation.

LEVEL 2 COURSES

All courses are mandatory, forming a complete full-year programme.

ENVS2001

Design Project

<i>Availability</i>	Year
<i>Credit Value</i>	8 (US) 15 (ECTS)

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

ENVS2002

Design Project

<i>Availability</i>	Year
<i>Credit Value</i>	8 (US) 15 (ECTS)

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

ENVS2003

Architecture Projects

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

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

ENVS2015

Design Technology II

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

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

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

An introduction to desktop publishing and computer-aided design is followed by the choice of an in-depth option (Project Planning, Animation, the Web, 3D Visualisation).

ENVS2034

History and Theory of Architecture

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Explores themes within recent architectural history and theory, setting architecture in relation to internal and external influences and conditions.

PLANNING

UCL's Bartlett School of Planning is one of the world's premier schools of planning, offering unique opportunities for affiliate students to attend courses in urban studies; urban planning, design and management; urban regeneration, European property development and spatial planning.

Why study Planning at UCL?

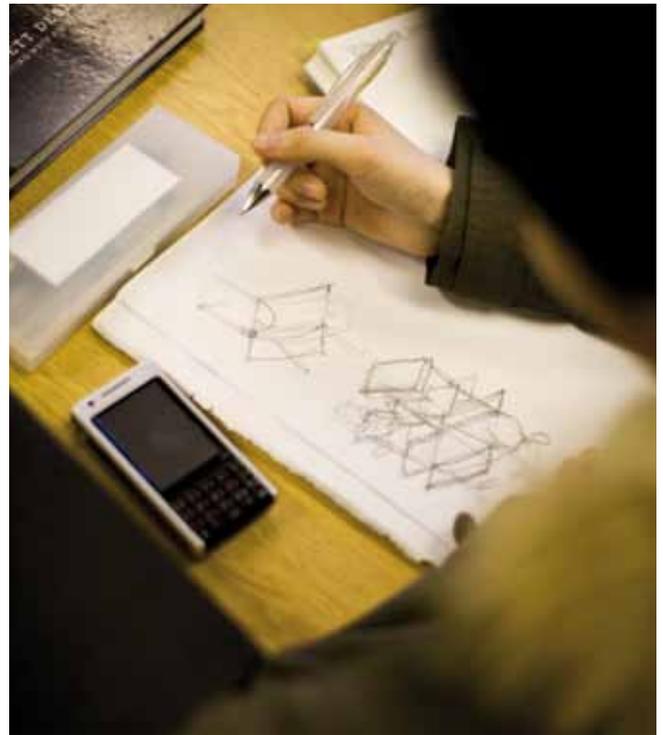
The school's courses place considerable emphasis on project work, drawing extensively from the wealth of urban issues in London and the challenges it confronts as a world city, and from the expertise of its internationally renowned staff and extensive research portfolio.

What you will 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 creative 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.



LEVEL 1 COURSES

ENVS1014	
Introducing Planning Systems	
<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

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.

ENVS1015	
Planning History and Thought	
<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Looks at the stages through which the modern planning system has evolved over two centuries (1800–2000) and how it has achieved its present day spirit and purpose.

ENVS1016	
Contemporary Cities	
<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

This introductory course presents an understanding of the political, economic, environmental and social structure of cities.

ENVS1023	
Management for Built Environment Professionals I	
<i>Availability</i>	Spring Term
<i>Credit Value</i>	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.

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

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Availability
Year Fall Term Spring Term
Tuition Fees
£18,500 (for full explanation of tuition fees please see page 165)

Related courses can be found in these departments:

- Architecture, page 71
- Project Management for Construction, page 75
- Geography, page 151



LEVEL 2 COURSES

ENVS2006

Urban Design: Theory to Practice

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Aims to provide an overview of urban design theory, encompassing its visual, social, functional, perceptual and environmental dimensions, with opportunity to turn theory into practice in projects.

ENVS2007

Green Futures

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Aims to develop a critical awareness of the main environmental issues of relevance to planners, including appreciation of pollution and natural resource issues.

ENVS2008

Cities and Social Change

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Looks at social change affecting Britain's cities, theories developed to make sense of these changes, and policies designed to address the urban problems that arise.

ENVS2009

Economics of Cities and their Regions

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Addresses the principal schools of thought in economics, how economic ideas have been applied in the analysis of cities, and policy prescriptions likely to correspond with various analytical approaches.

ENVS2033

Urban and Environmental Politics

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

The course reviews various approaches to the city's power structure, and looks at how different development notions and philosophies have evolved in urban development politics.

ENVS2036

Urban Form and Formation

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Explores urban form as the product of a variety of formative influences that include, but are not limited to, conventional urban design and planning interventions.

ENVS2039

Management for Built Environment Professionals II

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Introduces key management skills for a career in the field of built environment.

LEVEL 3 COURSES

ENVS3010

Planning for a Changing Countryside

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

An analysis of the implications for planning of changes in the countryside and an examination of current countryside practice.

ENVS3014

Development Project: Regeneration

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

The course comprises occasional lectures, weekly small-group seminars supporting group and individual analysis of Bloomsbury and surrounding areas.

ENVS3015

Land and Property Development

<i>Availability</i>	Fall Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Examines the roles played by social and economic institutions in the development of land, infrastructure and property in a variety of times and places.

ENVS3018

Urban Project Management

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

This course acts as a 'knowledge bridge' between management theory and practice, and the practice of urban planning and related project implementation.

ENVS3029

Transport Policy and Planning

<i>Availability</i>	Spring Term
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

The course aims to provide a basic grounding in transport issues, with lectures supported by project sessions that apply the understanding to a particular location.

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?

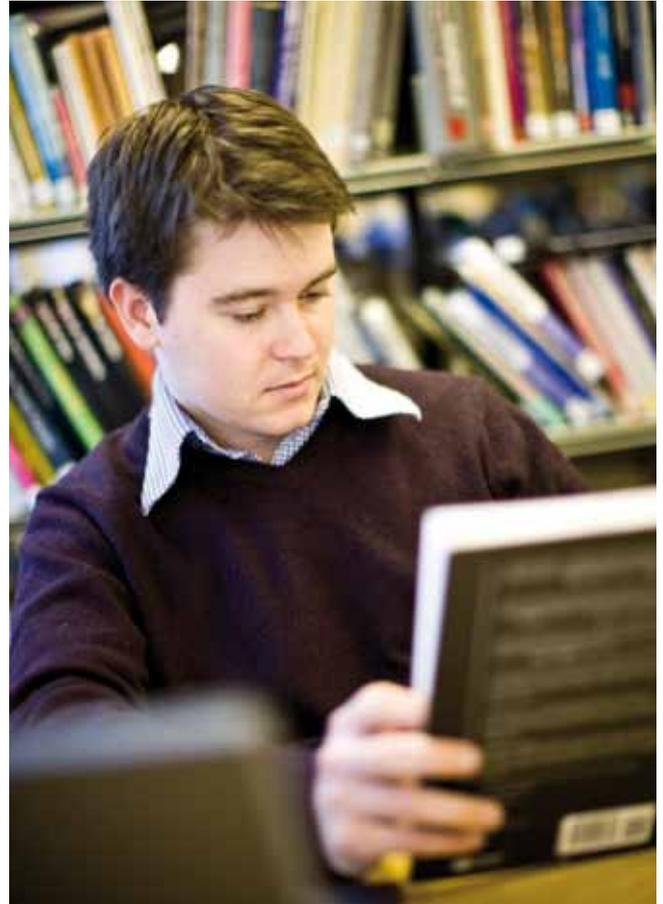
This programme has a strong vocational focus and industrial relevance. Collectively the teaching staff has extensive industrial experience and teaching is supported by specialists from industry. London is an international centre for construction and therefore provides excellent opportunities for access to both building projects and construction organisations.

What you will 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.



LEVEL 1 COURSES

ENVS1006	
Economics	
Availability	Year
Credit Value	4 (US) 7.5 (ECTS)

An introduction to the principles, scope and methodology of economics and how these principles are applied to the construction industry.

ENVS1013	
Introduction to the Built Environment	
Availability	Year
Credit Value	4 (US) 7.5 (ECTS)

A general background to building and constructional techniques together with an overall philosophy as to why buildings are constructed the way they are.

ENVS1020	
Introduction to Law	
Availability	Year
Credit Value	4 (US) 7.5 (ECTS)

Provides an understanding of the English legal system and the sources of law, examining the processes by which disputes are settled.

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

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Availability
Year
Tuition Fees
£18,500 (for full explanation of tuition fees please see page 165)

Related courses can be found in these departments:

- Architecture, page 71
- Planning, page 73
- Civil, Environmental and Geomatic Engineering, page 82

ENVS1021**Materials: their Use and Structural Function**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

This course provides students with a framework for identifying the factors which affect the selection, use and performance of materials used in the construction of buildings.

ENVS1022**The Construction Industry and its Management**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

This course provides an introduction to the UK construction industry; it will describe its products, processes and evolution, and outline the management inputs required at different levels.

ENVS1024**An Introduction to Management**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Introduces students to the study of management: the concepts, theories and practices involved in planning, organising, leading, controlling and improving; and how to apply these to a variety of situations.

LEVEL 2 COURSES**ENVS2004****Building Services Engineering 1**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

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**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

A brief introduction to project management, with an understanding of the execution stages of a construction project from outline design to commissioning.

ENVS2013**Law 1**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

Provides a broad understanding of the law relating to contracts, including case law, theory and practice, of relevance to the professional Construction Project Manager.

ENVS2014**Quantity Surveying and Contract Procurement**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

The course will provide a broad and critical perspective of building procurement methods, tendering, estimating, cost planning, cost control and life-cycle costing.

ENVS2024**Technology Studies**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

This course extends the students' knowledge of construction technology to larger more complex buildings both in terms of their design and construction.

ENVS2038**Building for a Sustainable Future**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

This course outlines the issues related to the need for the construction industry to adopt a sustainable approach.

ENVS2040**An Introduction to Marketing**

<i>Availability</i>	Year
<i>Credit Value</i>	4 (US) 7.5 (ECTS)

An introduction to marketing; its concepts, significance and value. It highlights the contribution marketing and business development can make to the construction industry.