THE BARTLETT UCL'S Faculty of the Built Environment POSTGRADUATE PROSPECTUS



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'Studying at The Bartlett has been one of the most fascinating and life-changing experiences I have had.'

Ioulia - MArch Architectural Design



### Welcome to THE BARTLETT, UCL's Faculty of the Built Environment

- → The Bartlett is the UK's largest multidisciplinary faculty of the built environment, part of one of the world's top universities, UCL.
- → Based in central London, we are situated close to world-leading architectural, engineering and creative practices, many of whom are our partners.
- → The Bartlett is host to students from over 40 nations, many of them among the most sought-after in the world for their drive, creativity and skills.

# WE ARE THE BARTLETT

UCL'S GLOBAL FACULTY OF THE BUILT ENVIRONMENT

# WE'RE HERE TO BUILD A BETTER FUTURE

Our work is all about human spaces. That means physical structures like homes, buildings and cities, but also the invisible structures that govern these things: political and legal systems; financial frameworks and social norms; even our understanding of the past, present and future.

Combining design, history, theory, digital representations and models across all of these areas, we understand the structures shaping society today – and we work to make them fairer and more prosperous. That means we can:

- $\rightarrow$  Design buildings for places battered by extreme weather
- → Develop emergency shelters for populations shattered by war
- $\rightarrow$  Show that global shipping has a higher carbon footprint than the whole of Brazil
- $\rightarrow$  Show why government agencies can be just as entrepreneurial as Silicon Valley
- $\rightarrow$  Shape the policies that make this happen

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The possibilities are endless. Join us and be part of the change we want to see.

22 Gordon Street Photography: Benjamin McMahon



22 Gordon Street Photography: Benjamin McMahon

#### 4 About the Faculty:

The Bartlett consists of thirteen schools, centres, institutes and units. Individually, our departments explore their fields in-depth, striving to push the boundaries of knowledge in their specialist areas. In partnership, they work to develop new responses to some of the world's most-pressing issues. This comes together in our multidisciplinary and interdisciplinary faculty, united by the radical spirit of UCL.

Our Schools, Institutes, Centres and Units

The Bartlett Centre for Advanced Spatial Analysis

The Bartlett School of Architecture

The Bartlett School of Sustainable Construction

The Bartlett School of Environment, Energy and Resources

UCL Energy Institute

UCL Institute for Environmental Design and Engineering

UCL Institute for Sustainable Heritage

UCL Institute for Sustainable Resources

The Bartlett Development Planning Unit

The Bartlett School of Planning

UCL Institute for Global Prosperity

UCL Institute for Innovation and Public Purpose

UCL Urban Laboratory



The Bartlett is where the UK's most 'World Leading' and 'Internationally Excellent' built environment research is undertaken (REF 2021)



The Bartlett is ranked number 1 in the UK for Architecture/ Built Environment subjects (QS World University Rankings by Subject 2022)



UCL is ranked 3rd in the UK, and 1st in London, for graduate employability (QS Graduate Employability Rankings 2022)



London has been ranked as the top student city in the world (QS Best Student Cities 2022)



UCL is a top 10 university globally (ranked 8th in the QS World University Rankings 2023)

## OUR LOCATIONS

Within the extraordinary cultural diversity of London, you'll find galleries and collections that relate directly to the built environment, such as those at the Building Centre, the V&A and the Royal Institute of British Architects (RIBA). The British Architectural Library at the RIBA is considered one of the best in the world. The city's wealth of resources, partners and history on your doorstep allows you to learn about the built environment in a unique way.

> 'The Bartlett has a very special atmosphere and it made a life-long impression on me. The building is buzzing.'

Barbara – MA Architecture and Historic Urban Environments

### Bloomsbury

Our main campus is located in Bloomsbury and includes 22 Gordon Street. The building reopened in 2016, following a four-year, £30 million refurbishment and extension. It contains brand new studios, shared working areas, a contemporary exhibition space, cutting edge facilities such as the new B-made workshop, plus buzzing social areas and cafes.

The Bartlett's library at Central House in Bloomsbury is one of the most comprehensive collections on the subjects of architecture, planning, building and construction management.



22 Gordon Street, Bloomsbury Photography: Tim Crocker



### UCL East

UCL's new campus at the Queen Elizabeth Olympic Park offers exciting new degrees and gives us the space and scale we need to help tackle the biggest challenges facing people and the planet. It's the biggest development in our nearly 200-year history. 7

Our One Pool Street base opened in autumn 2022. Full of multidisciplinary research labs and studios exploring ecology, robotics, urbanism, culture, disability and heritage, with a lecture theatre doubling as a cinema, a shop, café and homes for 500+ students.

Marshgate (autumn 2023) will be eight floors of hi-tech, cross-disciplinary research labs, teaching areas, fabrication workshops, collaboration spaces, a library, a refectory, prayer space and a UCL Institute of Making.

#### East Bank

UCL East is a founding partner of East Bank, a new powerhouse for innovation, creativity and learning on Queen Elizabeth Olympic Park, along with the BBC, Sadler's Wells, the V&A and UAL: London College of Fashion.

Here East, Olympic Park Photography: Tim Crocker

Here East

Based at Queen Elizabeth Olympic Park in East London, UCL's space at Here East is a

unique collaboration between The Bartlett Faculty of the Built Environment and the

Faculty of Engineering Science. It provides our

students and staff with unique opportunities to

undertake ground-breaking research in areas such as architecture, infrastructure, transport

robotics, healthcare, manufacturing and

environmental measurement.



## OUR FACILITIES

#### Comprehensive collection on the built environment

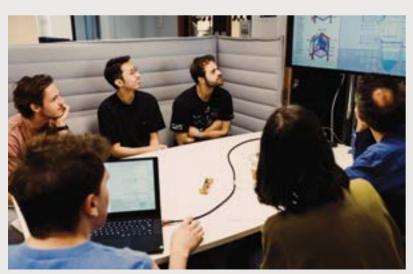
The Bartlett's library at Central House is one of the most comprehensive collections on the subjects of architecture, planning, building and construction management. You will also have access to UCL's Main Library, and some impressive spaces across campus devoted to studying and collaborating - including 1,000 study spaces in the Student Centre.

UCL Library Services hold a vast collection of books and journals. As well as the collections that we hold on campus, UCL Library Services provides an extensive and expanding catalogue of digital books, journals and databases that can be accessed anywhere in the world.

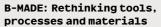
The Bartlett Library at Central House Photography: Tim Crocker



Workshop at Here East Photography: Tim Crocker



Photography: Benjamin McMahon



The Bartlett School of Architecture's B-made workshop at 22 Gordon Street and Here East hosts a range of powerful resources, combined with large, open spaces that can be used for full-scale prototyping and assembling. Faculty members, research staff and students are invited to use these, from concept and design stages through to completion. Professional support is provided by our team of expert staff through structured inductions, tutorials and open classes.

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Above: Robert Hall at Here East, Photography: Pixelflakes. Right: B-Made Workshop, Bloomsbury, Photography: Tim Crocker

#### Facilities include:

- Imaging, robotic and computer interfaces
- High-performance environmental chambers,
- including a human chamber and a thermal chamber – Light and lighting facilities, including a dark room
- and a variable luminance artificial sky
- Teaching labs and field equipment
- B-made workshop



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### #WeAreTheBartlett @TheBartlettUCL

The Bartlett community comprises 4,000 students from over 50 countries, studying across 80+ different degree programmes. Our emphasis on interdisciplinary study creates opportunities for collaboration and innovative approaches to built environment challenges. In our own community and in society at large, we value creativity, integrity, equity and autonomy in the development of a sustainable, diverse world in which we all can live.

#### A Bartlett for everyone

To build a better future, first we need to build a better Bartlett. One where everyone has space to be their authentic self, no matter their background, race and ethnicity, sexual orientation, gender or beliefs. Our blueprint for a more inclusive faculty is ambitious and we are radically rethinking our academic approach. We want to call ourselves a truly inclusive faculty and ensure The Bartlett is for you.

#### www.ucl.ac.uk/bartlett/about-us/our-values

#### The Bartlett Review

Published once a year, The Bartlett Review shares research, ideas and highlights from across the faculty. Discover more about The Bartlett's work-and our impact on the world.

www.ucl.ac.uk/bartlett/about-us/bartlettreview

#### **Events**

We have a series of events from across The Bartlett's departments, including conferences and seminars, public lectures, exhibitions, talks, tours and open days.

www.ucl.ac.uk/bartlett/events

### **Building Better:** The Bartlett Podcast

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The human spaces and urban landscapes that we build worldwide have a huge impact on our daily lives, our societies, and our planet. In our Bartlett podcast we take on the big question: how can we build better? Hosted by Christoph Lindner, Dean of The Bartlett Faculty of the Built Environment.

www.ucl.ac.uk/bartlett/building-betterbartlett-podcast





22 Gordon Street Photography: Benjamin McMahon



#### **Inclusive Spaces**

Join The Bartlett's monthly Inclusive Spaces event series to explore equity, diversity and inclusion in the built environment.

www.ucl.ac.uk/bartlett/inclusive-spaces



#### Sustainability

Sustainability and energy efficiency inform everything we do as a university faculty: our teaching, our research, our consultancy and all the advice we issue to government and the public. You'll find our commitment to sustainability also runs through everything we do as an occupier of several buildings in Central and East London: putting theory into practice in our own buildings.

### What's LIFE like

## AT THE BARTLETT?

**Chat to a Bartlett Student** Do you have questions about life at UCL and The Bartlett? Curious about a particular programme? Then chat to one of our current students via Unibuddy.

www.unibuddy.co/embed/university-collegelondon/colour/500778/buddies/students



#### Student Blogs

Find out what it's really like to study at The Bartlett with a collection of blogs written by our students, and curated into topics designed to help everyone in their studies.

www.ucl.ac.uk/bartlett/study/student-blogs







## DISCOVER UCL

Ranked #8 university in the world

(QS World University Rankings 2023)

By joining UCL you will be part of one of the oldest and most prestigious universities in the UK. At UCL, academic excellence and disruptive thinking have been the status quo since 1826. It was the first university to be established in London, and the first entirely secular university to admit students regardless of religion. It was also the first university to admit women on equal terms with men.

Today, UCL strives to make its community as inclusive and supportive as possible to all students and staff.



UCL Student Centre, Bloomsbury Photography: Tim Crocker

#### Student Support and Wellbeing

Your wellbeing is just as important as your academic success. UCL Student Support and Wellbeing (SSW) provides advice, information and dedicated support services to help you maximise your time at UCL, whilst leading a balanced and healthy life. SSW offer a huge range of information and advice to help you thrive at university including information for disabled students, those with mental health difficulties, care leavers, mature students and LGBTQ+ students.

ucl.ac.uk/students

#### Postgraduate Students' Association

All graduate students automatically become members of the Postgraduate Association of Students' Union UCL. The Union offers various facilities including social facilities, sports facilities and more.

UCL Portico, Bloomsbury Photography: Benjamin McMahon

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## CAREERS AND ALUMNI

Studying with us is about the bigger picture. It's about exploring individual disciplines within the context of many others, and discovering specialisms, themes and passions that take you where you want to be, wherever you are in your education or career.

<sup>18</sup> Whatever you want to do in the future – whether your career path is clear or not

-we are here to help you.

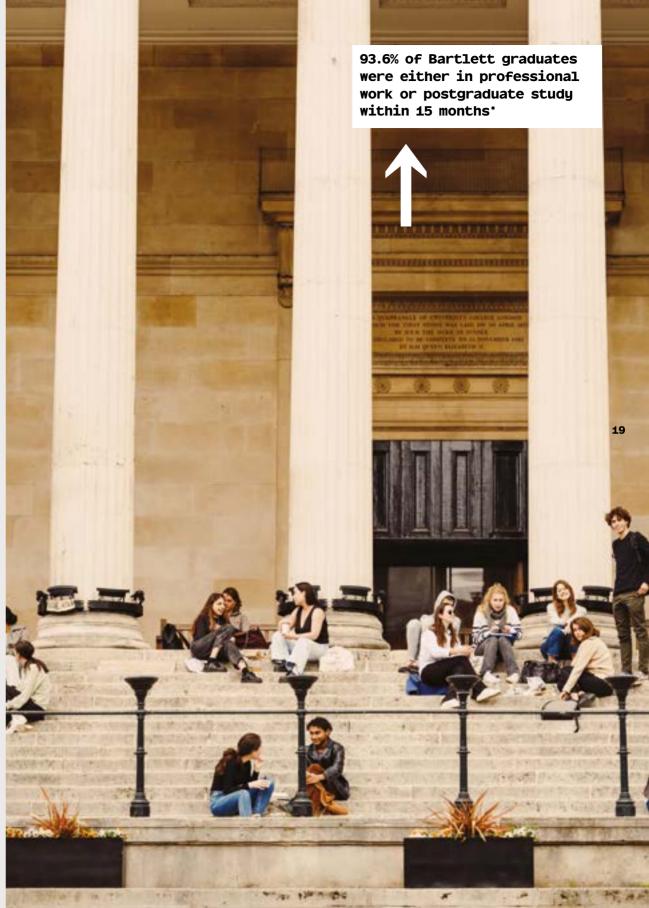
Our team of experienced career professionals are dedicated to supporting all current UCL students, Researchers (staff and students), and recent Graduates to help you find the right path to ensure success in your future career.

### Career support from your alumni network

UCL's Alumni Online Community allows students from all levels of study to connect with volunteer mentors from 190 countries. There is a dedicated Built Environment Network and international groups, so you can build new connections with alumni worldwide.

Whether you are seeking professional advice to perfect your CV or want to explore a particular company, a global network of experienced UCL alumni are ready to support you.

\*Within 15 months of graduating from a Bartlett postgraduate programme, 93.6% of all those available for work or study were either in professional work or postgraduate study or had just completed a course of postgraduate study. Data collected through the annual Graduate Outcomes survey, aggregated over the three most recent surveys (2017-18, 2018-19, 2019-20).



### HOW TO APPLY

### Applications and funding

Applications for graduate study at

The Bartlett are made directly to UCL.

We know applying for courses can be

daunting, so there is a guide to help

www.ucl.ac.uk/prospective-students/

A range of financial awards aimed at

from UCL, The Bartlett Faculty, and individual departments within the Faculty.

assisting both prospective and current

students with their studies are available

www.ucl.ac.uk/bartlett/study/funding-and-

you through.

**scholarships** 

graduate/

### The Bartlett Promise Scholarship



The Bartlett Promise is a long-term project to attract students from a broader range of backgrounds to tackle the lack of diversity in the built environment. The scholarships are open to UK domiciled students with home fee status from underrepresented backgrounds pursing a undergraduate, master's or PhD programme at The Bartlett. The scholarships will cover students' fees and provide a stipend for living and study costs for the duration of their degree.

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For further information, eligibility criteria, and how to apply, please visit:

www.ucl.ac.uk/bartlett/study/funding-andscholarships/bartlett-promise-scholarship



Here East Photography: Benjamin McMahon

## COURSE LISTING

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Detailed information about our programmes are available on The Bartlett website: www.ucl.ac.uk/bartlett/study/postgraduate

#### The Bartlett Centre for Advanced Spatial Analysis

Leading the development of the science of cities through modelling, sensing the urban environment, visualisation and computation.

#### POSTGRADUATE TAUGHT:

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2021

Connected Environments MSc (UCL East) Urban Spatial Science MRes (Bloomsbury) Urban Spatial Science MSc (Bloomsbury) **POSTGRADUATE RESEARCH:** Advanced Spatial Analysis MPhil / PhD (Bloomsbury)

#### The Bartlett School of Architecture

The Bartlett School of Architecture offers a comprehensive range of architecture programmes, including but not limited to the professional qualifications needed to practise as an architect in the UK.

#### **POSTGRADUATE TAUGHT:**

Advanced Architectural Research PG Cert (Bloomsbury) Architectural Computation (AC) MRes (Bloomsbury) Architectural Computation (AC) MSc / PG Dip (Bloomsbury) Architectural Design (AD) MArch (Bloomsbury) Architectural History (AH) MA (Bloomsbury) Architecture (ARB / RIBA Part 2) MArch (Bloomsbury) Architecture and Digital Theory MRes (Bloomsbury) Architecture and Historic Urban Environments (AHUE) MA (Bloomsbury) Bio-Integrated Design (Bio-ID) MArch (Here East) Bio-Integrated Design (Bio-ID) MSc (Here East) Design for Manufacture MArch (Here East)

Design for Performance and Interaction MArch (Here East)

Landscape Architecture MA (Bloomsbury)

Landscape Architecture MLA (Bloomsbury)

Situated Practice MA (Here East)

Space Syntax: Architecture and Cities (SDAC) MRes (Bloomsbury) Space Syntax: Architecture and Cities (SDAC) MSc (Bloomsbury) Urban Design (UD) March (Bloomsbury) MArch Cinematic and Videogame Architecture (UCL East) MArch Fire Safe Design (Bloomsbury) 23

#### The Bartlett School of Architecture

#### POSTGRADUATE RESEARCH:

Architectural and Urban History and Theory MPhil/PhD (Bloomsbury) Architectural Design MPhil/PhD (Bloomsbury) Architectural Practice MPhil/PhD (Bloomsbury) Architectural Space and Computation MPhil/PhD (Bloomsbury) Architecture and Digital Theory MPhil/PhD (Bloomsbury)

#### The Bartlett School of Sustainable Construction

A world-class centre of learning and research in the economics and management of projects, in construction and beyond.

#### **POSTGRADUATE TAUGHT:**

Construction Economics & Management (CEM) MSc (Bloomsbury) Digital Engineering Management MSc (UCL East) Digital Innovation & Built Asset Management (DIBAM) MSc (Bloomsbury) Infrastructure Investment & Finance (IIF) MSc (Bloomsbury) Project & Enterprise Management (PEM) MSc (Bloomsbury) Real Estate Economics and Investment Analysis MSc (UCL East) Strategic Management of Projects (SMP) MSc (Bloomsbury) Major Infrastructure Delivery MBA (UCL East) Healthcare Facilities MSc/PG Dip/PG Cert (Here East) Learning Environments MSc/PG Dip/PG Cert (Here East)

#### POSTGRADUATE RESEARCH:

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Construction and Project Management MPhil/PhD (Bloomsbury)

#### The Bartlett School of Environment, Energy and Resources

**(BSEER)** We are home to four Institutes with a shared mission to address the challenges of global sustainability.

#### UCL Energy Institute (BSEER)

We deliver world-leading learning, research and policy support on the challenges of climate change and energy security.

#### POSTGRADUATE TAUGHT:

Economics and Policy of Energy and the Environment (EPEE) MSc (Bloomsbury) Energy Systems and Data Analytics (ESDA) MSc/PG Dip/PG Cert (Bloomsbury) Smart Energy and the Built Environment MSc/PG Dip/PG Cert (Bloomsbury) **POSTGRADUATE RESEARCH:** Energy MPhil/PhD (Bloomsbury) Energy, Resilience and the Built Environment MPhil/PhD (Bloomsbury)

### UCL Institute for Environmental Design and Engineering (BSEER)

We pursue a deeper understanding of the interactions between the built environment and health, human wellbeing, productivity, energy use and climate change.

#### POSTGRADUATE TAUGHT:

Built Environment: Environmental Design and Engineering (EDE) MSc/PG Dip (Bloomsbury)
Health, Wellbeing and Sustainable Buildings (HWSB) MSc/PG Dip/PG Cert (Bloomsbury)
Light and Lighting (LL) MSc (Bloomsbury)
Smart Buildings and Digital Engineering (SBDE) MSc/PG Dip/PG Cert (Bloomsbury)
POSTGRADUATE RESEARCH:
Environmental Design and Engineering MPhil/PhD (Bloomsbury)

#### UCL Institute for Sustainable Heritage (BSEER)

We deliver sustainable solutions to real-world cultural heritage problems through ground-breaking, cross-disciplinary research and innovative teaching for future heritage leaders.

#### **POSTGRADUATE TAUGHT:**

Built Environment: Sustainable Heritage (SH) MSc/PG Dip (Bloomsbury) Data Science for Cultural Heritage MSc/PG Dip (Here East) Heritage Evidence, Foresight and Policy MSc (Here East) **POSTGRADUATE RESEARCH:** Sustainable Heritage MPhil/PhD (Bloomsbury)

#### UCL Institute for Sustainable Resources (BSEER)

We generate knowledge in the globally sustainable use of natural resources and train the future leaders in the field.

#### POSTGRADUATE TAUGHT:

Sustainable Resources: Economics, Policy and Transitions (SR) MSc (Bloomsbury) Business and Sustainability MSc\* (Bloomsbury) **POSTGRADUATE RESEARCH:** 

Sustainable Resources MPhil/PhD (Bloomsbury)

#### The Bartlett Development Planning Unit

The central purpose of the Development Planning Unit is to strengthen the capacity of governments and NGOs to work towards socially just and sustainable development in the Global South.

#### **POSTGRADUATE TAUGHT:**

Building and Urban Design in Development MSc (Bloomsbury) Development Administration and Planning MSc (Bloomsbury) Environment and Sustainable Development MSc (Bloomsbury) Health in Urban Development MSc (Bloomsbury) Social Development Practice MSc (Bloomsbury) Urban Development Planning MSc (Bloomsbury) Urban Economic Development MSc (Bloomsbury) **POSTGRADUATE RESEARCH:** 

Development Planning MPhil/PhD (Bloomsbury)

#### The Bartlett School of Planning

Through our programmes, students learn about the form, planning, design and management of cities, and how to shape their future.

#### **POSTGRADUATE TAUGHT:**

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City Planning MPlan (Bloomsbury)

Housing and City Planning (HCP) MSc / PG Dip (Bloomsbury) Infrastructure Planning, Appraisal and Development (IPAD) MSc / PG Dip (Bloomsbury) Inter-disciplinary Urban Design (IdUD) MRes (Bloomsbury) International Planning (IP) MSc / PG Dip (Bloomsbury) International Real Estate and Planning (IREP) MSc / PG Dip (Bloomsbury) Spatial Planning (SP) MSc / PG Dip (Bloomsbury) Spatial Planning Degree Apprenticeship MSc (Bloomsbury) Sustainable Urbanism (SU) MSc / PG Dip (Bloomsbury) Transport and City Planning (TCP) MSc / PG Dip (Bloomsbury) Urban Design and City Planning (UDCP) MSc / PG Dip (Bloomsbury)

#### The Bartlett School of Planning

**POSTGRADUATE RESEARCH:** Planning MPhil / PhD (Bloomsbury)

#### UCL Institute for Global Prosperity

The Institute for Global Prosperity at UCL (IGP) is redesigning prosperity for the 21st century, changing the way we conceive and run our economies, and reworking our relationship with the planet.

#### **POSTGRADUATE TAUGHT:**

Global Prosperity (GP) MSc (Bloomsbury) Prosperity, Innovation and Entrepreneurship MSc (UCL East) People, Planet and Prosperity MSc (UCL East) **POSTGRADUATE RESEARCH:** Global Prosperity MPhil / PhD (Bloomsbury)

#### UCL Institute for Innovation and Public Purpose

Changing how public value is imagined, practised and evaluated to tackle societal challenges.

#### POSTGRADUATE TAUGHT:

Innovation, Public Policy and Public Value MPA (Bloomsbury) **POSTGRADUATE RESEARCH:** Innovation and Public Policy MPhil / PhD (Bloomsbury)

#### UCL Urban Laboratory

We investigate, propose, and disseminate critical solutions to a wide range of social, physical and technological urban and built environment issues, with a focus on the grand challenges of our time.

**POSTGRADUATE TAUGHT:** Global Urbanism MASc (UCL East)





**Dean of The Bartlett** Professor Christoph Lindner

**Design and Art direction** Boyle & Perks

Thanks to all students, staff and photographers and alumni who contributed to this publication.

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#### **Disclaimer**:

UCL has sought to ensure that the information given in this prospectus is correct at the time of going to press but we cannot guarantee that it is accurate. The information contained within this prospectus is subject to change. We may, for example, need to withdraw or vary any degree programme and/or alter entry requirements, fees, facilities and/or services described.

For the most up-to-date information, please see UCL's online Prospectus at: www.ucl.ac.uk/prospective-students/

The online prospectus takes priority over this printed prospectus. You should check the information in the online prospectus before accepting any offer of a place at UCL.

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