LIGHT AND LIGHTING MSc / 2018/19 ENTRY

www.ucl.ac.uk/graduate/envirodes
This MSc is Europe’s long-standing specialist graduate lighting programme. It provides a holistic approach to lighting design considering the human response to light and lighting, the science and technology of the subject, together with the design of lighting, as an integrated component of architecture and the built environment.

Degree summary

Students develop an understanding of a wide range of topics associated with the design of the lit environment including lamp and luminaire technologies, the impact of light on architectural form and the human reaction to light. The programme provides a holistic approach to light and lighting so that graduates have both the vision to design beautiful lit environments and the skills necessary to ensure that they are successfully engineered.

The UCL Bartlett is the UK’s largest multidisciplinary Faculty of the Built Environment, bringing together scientific and professional specialisms required to research, understand, design, construct and operate the buildings and urban environments of the future.

This MSc has at its disposal the Lighting Simulator, an advanced sunlight and daylight modelling facility employing both computer simulation and a sophisticated variable luminance artificial sky.

Many of our graduates have been successful in gaining awards and prizes from around the world including Lighting Designer of the Year, and the Society of Light and Lighting’s Young Lighters of the Year award.

The programme has formal elements of lectures and tutorials that are complemented with project work and site visits to study lighting. There are also other visits to laboratories and other facilities associated with the subject. Assessment is through coursework (essays and design projects), written examination and a 15,000-word dissertation.

Site visits are part of coursework, classroom activities and dissertations. Students are expected to pay for local travel near the university. Travel for events outside London is provided if it forms part of the taught degree.

Accreditation

The Light and Lighting MSc has been accredited by the Chartered Institute of Building Service Engineers (CIBSE) as meeting the further learning requirements for Chartered Engineer (CEng) status. CIBSE have registered the degree with the Engineering Council.

The course is recognised by the American National Council on Qualifications for the Lighting Professions - NCQLP, making it easier for students achieve LC Certification.

Degree structure

Mode: Full-time: 1 year; Flexible: 2-5 years
Location: London, Bloomsbury
Modular/flexible students will usually attend one day a week.

Students undertake modules to the value of 180 credits. The programme consists of four core modules (75 credits), one optional module (15 credits), and a light and lighting dissertation (90 credits).

CORE MODULES
- Lighting Fundamentals
- Lighting Applied Calculations
- Lighting Research
- Advanced Lighting Design

OPTIONAL MODULES
- Lighting Practice or another appropriate module from any UCL Bartlett MSc programme

DISSERTATION/RESEARCH PROJECT
- All MSc students submit a 15,000-word dissertation on a topic associated with light and lighting in the built environment.
Your career

The majority of graduates have either continued to work, or have gained employment in the lighting profession either in the lighting manufacturing industry or in lighting design. A number of students have used the MSc as a foundation for MPhil/PhD research.

Recent career destinations* include:

- Lighting Engineer, Foster + Partners
- Lighting Designer, AECOM
- Lighting Designer, Studio 29
- Lighting Designer, Isometrix
- Lighting Designer, Lighting Design International

Employability

A number of students have gone on to win international awards in the field of lighting, including the Light Play prize at the Total Lighting Show, the RHS Silver Gilt Medal, and Lighting Designer of the Year. Several Light and Lighting graduates have received the Society of Light and Lighting Young Lighters of the Year award. Graduates have also delivered conference presentations at PLDC (Professional Lighting Design Convention) Madrid and Copenhagen.

* Careers data is taken from the ‘Destinations of Leavers from Higher Education’ survey undertaken by HESA looking at the destinations of UK and EU students in the 2013-2015 graduating cohorts six months after graduation.
Entry requirements

The normal minimum qualifications are a second-class Bachelor's degree from a UK university or an overseas qualification of an equivalent standard.

A second acceptable qualification is a degree of lower than second-class Bachelor's standard, or an equivalent overseas qualification, in a subject appropriate to the programme, plus extensive background and experience in the field. The latter implies considerable experience as a professional at a senior level.

For applicants without a first degree or full professional membership, but with relevant and substantial work experience in the field, a special qualifying examination may be set. Details of this route can be obtained from the UCL Bartlett's Graduate Faculty Office.

English language proficiency level

If your education has not been conducted in the English language, you will be expected to demonstrate evidence of an adequate level of English proficiency.

The level of English language proficiency for this programme is: Standard.

Information about the evidence required, acceptable qualifications and test providers is provided at: www.ucl.ac.uk/graduate/english-requirements

Your application

Students are advised to apply as early as possible due to competition for places. Those applying for scholarship funding (particularly overseas applicants) should take note of application deadlines.

When we assess your application we would like to learn:

// why you want to study Light and Lighting at graduate level
// why you want to study Light and Lighting at UCL
// what particularly attracts you to the chosen programme
// how your academic and professional background meets the demands of this challenging programme
// where you would like to go professionally with your degree

Together with essential academic requirements, the personal statement is your opportunity to illustrate whether your reasons for applying to this programme match what the programme will deliver.

Application fee: There is an application processing fee for this programme of £75 for online applications and £100 for paper applications. More details about the application fee can be found at www.ucl.ac.uk/prospective-students/graduate/taught/application.

FEES AND FUNDING 2018/19 ENTRY

// UK: £13,350 (FT)
// EU: £13,350 (FT)
// Overseas: £23,740 (FT)

The tuition fees shown are for the year indicated above. Fees for subsequent years may increase or otherwise vary. Further information on fee status, fee increases and the fee schedule can be viewed on the UCL Current Students website.

Fees for flexible, modular study are charged pro-rata to the appropriate full-time Master's fee taken in an academic session.

The Worshipful Company of Lightmongers make an award for Outstanding Achievement on the programme.

There is also funding available to lighting students from bodies such as, the International Association of Lighting Designers, Education Trust and the Jonathan Speirs Scholarship Fund.

Full details of funding opportunities can be found on the UCL Scholarships website: www.ucl.ac.uk/scholarships

APPLICATION DEADLINE

Full-time: 27 July 2018
Flexible/Modular: 31 August 2018

Details on how to apply are available on the website at: www.ucl.ac.uk/graduate/apply

CONTACT

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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

PDF Updated: November 18, 2017
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 Graduate Prospectus at www.ucl.ac.uk/graduate