This programme bridges the complex network that is the construction industry, and trains a new breed of experts to exploit opportunities afforded by new and emerging manufacturing technologies. Graduates can expect to lead the paradigm shift that is taking place in building design and procurement.

Degree summary

This programme is built around design, fabrication and testing. Students will learn to locate their work in the historical and theoretical context of design for manufacture, will select from a range of analogue and digital skills that they wish to develop and will progress to undertaking advanced design, research and fabrication projects with support from leading academics and professionals.

- The programme will be primarily located at the new UCL Here East facility in London’s Olympic Park, with a design studio focus and outstanding CNC fabrication and robotics facilities. It will also benefit from a base on the UCL main campus in Bloomsbury and benefit from The Bartlett’s unparalleled industry network and London location.
- Graduates will be well placed to take leading roles in industry or academia, exploiting emerging technologies and approaches to change the nature of design and construction.
- The programme has been developed in liaison with industry partners including Arup, Foster and Partners, Laing O’Rouke and Price and Myers, who all have a longstanding relationship with The Bartlett.

The programme is delivered through design and fabrication tutorials, skills workshops, seminars, lectures, site visits, group working and (optional) field trip. Assessment is via design and skills portfolios, written coursework submissions and verbal presentations.

There is a field trip as an optional part of the programme.

The maximum cost to the student is £500.

No placement is offered as a part of the programme.

Degree structure

Mode: Full-time: 15 months; Flexible: 2-5 years
Location: London, Hackney Wick (Here East) and London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of theory and preparatory modules (30 credits), a skills module (30 credits), and two design thesis projects and a design thesis dissertation (120 credits).

CORE MODULES
- Introductory Design Workshops (15 credits)
- Contextual Theory: Design for Manufacture (15 credits)
- Skills Portfolio (30 credits)
- Design Thesis Portfolio, Initial Projects (30 credits)
- Design Thesis Portfolio, Final Project (60 credits)
- Design Thesis Written Dissertation (30 credits)

- There are no optional modules for this programme.

RESEARCH PROJECT/DESIGN PROJECT
- All students undertake a major design project, the ‘Design Thesis Portfolio, Final Project’ in combination with an individual research project, culminating in the ‘Design Thesis Written Dissertation’.
Your career

Graduates are likely to progress to further study and teaching, or roles in design and the built environment with some of the world's leading architecture, engineering and construction companies.

Employability

The combination of networks, knowledge and technical expertise makes graduates of The Bartlett some of the most sought after in the world. Graduates of this programme will leave with the skills and expertise relevant to a rapidly expanding and evolving sector in industry.
Entry requirements

A minimum of a lower second-class UK Bachelor’s degree in an appropriate subject or an overseas qualification of an equivalent standard. Applicants are also expected to have a strong portfolio of design and/or fabrication work. Applicants with extensive experience in the field may also be considered.

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.

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), £N/A (PT)
EU: £13,350 (FT), £N/A (PT)
Overseas: £25,880 (FT), £N/A (PT)

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.

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

APPLICATION DEADLINE

All applicants: 27 July 2018

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

CONTACT

Mrs Thea Heintz, Teaching and Learning Officer
Email: t.heintz@ucl.ac.uk
Telephone: +44 (0)20 3108 9638

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