Design for Manufacture MArch /

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.

Degree structure

Mode: Full-time: 15 months; Part-time: 30 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).

Please note that the list of modules given here is indicative. This information is published a long time in advance of enrolment and module content and availability is subject to change.

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’.

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

No placement is offered as a part of the programme.
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 second-class UK degree in an appropriate subject or an overseas qualification of an equivalent standard. Applicants with extensive experience in the field may also be considered. A design/creative portfolio is also expected. Applicants will be asked to submit a portfolio of their design work once their completed application has been received, and should not send or upload work until it has been requested.

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.

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

FEES AND FUNDING 2019/20 ENTRY

- UK: £13,750 (FT), £6,930 (PT)
- EU: £13,750 (FT), £6,930 (PT)
- Overseas: £26,660 (FT), £13,340 (PT)

Full-time: This fee is for the whole programme and is charged in Year 1. It’s payable in 3 equal instalments (31 Oct, 07 Feb, 02 May). No fees are charged in Year 2. Part-time: This fee is for half the programme and is charged in Year 1. It’s payable in 3 equal instalments (31 Oct, 07 Feb, 02 May). The second half is charged in Year 2 and is subject to an inflationary increase (3-5%). This fee is payable in 3 equal instalments (31 Oct, 07 Feb, 02 May). No fees will be charged in Year 3. Note: PG Loan payments do not align with the tuition fee instalments. 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: 26 July 2019

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/brexit