Mega Infrastructure Planning, Appraisal and Delivery MSc

The Mega Infrastructure Planning, Appraisal and Delivery MSc is unique in preparing students for the major challenges ahead globally in the mega infrastructure field. The programme offers a holistic approach to the field offering decision making and problem solving that lead to more robust investment outcomes.

Degree summary

This MSc provides a critical review of mega infrastructure planning and appraisal methods and international practice and assesses how ‘fit for purpose’ these are for current sustainable development challenges. The programme focuses on generic lessons and principles that apply across the different sectors, while also covering the sectoral and context-specific considerations that determine success in different development contexts.

Prepared by the OMEGA Centre and its teaching and research team at the Bartlett School of Planning, this programme is delivered together with internationally renowned academics and practitioners in the field of mega infrastructure development.

The programme is interdisciplinary and international, drawing from experiences both in the developed and developing world. It seeks to provide students with insights, knowledge and skills that will assist them in planning, appraising and delivering future mega infrastructure developments in a manner that is sensitive to the risks, uncertainties and complexities of different contexts.

The programme is delivered through a combination of traditional lectures, tutorials and seminars, a field trip, individual and group project work, and skills-based practical project work, with direct practitioner involvement. Student performance is assessed through individual and group work, essays, examination and project work.

Accreditation

Completion of the MSc programme leads to eligibility for professional membership of the Royal Institution of Chartered Surveyors. The MSc programme is also accredited by the Joint Board of Moderators as a Further Learning programme for holders of a Chartered Engineer (CEng) accredited first degree.

Degree structure

Mode: Full-time: 1 year; Flexible: 2-5 years
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of seven core modules (105 credits), one option (15 credits), dissertation (60 credits) and a field trip (not credit bearing).

A Postgraduate Diploma, seven core modules (105 credits), one elective module (15 credits), full-time nine months and part-time 2 to 5 years is offered.

CORE MODULES

- Mega Infrastructures as Agents of Change
- Infrastructure Planning, Appraisal and Delivery Toolbox
- Risk, Uncertainty and Complexity in Decision-making
- Critical Issues in Mega Infrastructure Investments
- Twenty-first Century Infrastructure Planning, Appraisal and Delivery Toolbox
- Sustainability Visions and Challenges for Mega Infrastructure Investments
- Group Project

OPTIONAL MODULES

- Students choose one elective module from:
  - UCL Bartlett School of Planning
  - UCL Bartlett Development Planning Unit
  - UCL Geography
  - UCL Civil, Environmental & Geomatic Engineering

DISSERTATION/REPORT

All MSc students undertake a supervised independent research project which culminates in a substantial dissertation.
Your career

Students have gone on to take up positions in:

- government
- consultancy firms
- international development organisations and banks
- utility companies
- research and academic institutions involved in the transport, energy, retailing and housing sectors, as well as in urban, regional and environmental planning.

Graduates have also undertaken PhD studies at the Bartlett School of Planning.

Employability

The programme has been conceived to provide enhanced capacity-building opportunities for those currently working in the field of mega infrastructure development and offers an invaluable qualification for new entrants into the field. With strong links to industry, government and academia on a global scale, a very high percentage of past students have gone on to find placements within the first year after graduation.
Entry requirements

Normally a minimum of an upper second-class Bachelor’s degree (or higher) from a UK university or an overseas qualification of equivalent standing. There is no particular subject requirement as the MSc provides an 'initial' planning education for graduates with cognate or non-cognate degrees. Where candidates fail to meet the standard requirement (i.e. they hold a degree of a lower classification), the department will take into account professional experience in planning or a related field when considering the application. Applicants who do not hold a first degree may, in exceptional cases, be admitted to the programme if they are able to demonstrate considerable senior-level professional experience in planning or a related field.

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 Mega Infrastructure Planning, Appraisal and Delivery at graduate level
// why you want to study Mega Infrastructure Planning, Appraisal and Delivery 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.

FEES AND FUNDING 2017/18 ENTRY

// UK: £12,570 (FT)
// EU: £12,570 (FT)
// Overseas: £23,050 (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.

There are a number of sources of funding available specifically for students in The Bartlett School of Planning.

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

APPLICATION DEADLINE

Full-time: 28 July 2017
Flexible/Modular applicants: 28 July 2017

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