MANAGEMENT OF COMPLEX PROJECTS MSc /
2017/18 ENTRY

www.ucl.ac.uk/graduate/spacialphys
In today's fast-moving, global marketplace, traditional project management techniques based around strategic planning and control are not enough. Many modern projects are not only complicated (tough technical problems needing co-ordination across many suppliers) but also complex (with unclear requirements). The new Management of Complex Projects MSc has been designed to produce project managers equipped to lead the most challenging of projects.

Degree summary

Students gain a systems view of project management, so they can develop effective technical solutions within a constrained commercial context. We teach students a number of guiding principles to enable them to manage complex projects and help them to develop key skills such as risk management, requirements management, conflict resolution, effective communication and leadership.

// Standard project management courses are no longer a differentiator. Completing this programme at one of the world's leading universities will give students a competitive edge, putting them on the fast track for a career in project or programme management.

// Participants gain the skills and knowledge needed to get ahead - from academic theories of conflict and motivation to practical tools for managing risk and tracking project progress.

// Students will meet like-minded individuals from other industries, and through extensive group work and classroom interaction will share experiences, learn new approaches, and build contacts that will contribute to future career development.

The programme is delivered through a combination of lectures, case-studies, discussion sessions, workshop activity, and project work. Assessment is through a combination of course work, in class tests and written examinations. The research modules are assessed through a written report and a short presentation.

Accreditation

The optional Project Management module is accredited by the Association for Project Management.

Degree structure

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

Students undertake modules to the value of 180 credits. The programme consists of four core taught modules (60 credits), two research modules (75 credits), two optional taught modules (30 credits) and one compulsory group project (15 credits). Modules are generally taught as intensive five-day 'block weeks' to minimise time spent away from the office for the flexible/modular students.

A Postgraduate Diploma (120 credits, full-time one academic year, or flexible study two to five years) is offered.

A Postgraduate Certificate (60 credits, 12 weeks or flexible study up to three years) is offered.

CORE MODULES

// The first four modules are core and must be taken, then two further taught modules should be selected.
// The Business Environment
// Delivering Complex Projects
// Risk, Reliability, Resilience
// Systems, Thinking and Engineering Management
// Research Modules
// All MSc students undertake a structured research programme comprising the following mandatory modules:
// Project Management Project Concept
// Project Management Research Project

OPTIONAL MODULES

// Two modules should be selected from the Optional Module List
// Defence and Security Systems
// Lifecycle Management
// Project Management* (leading to Association for Project Management examination)
// Rail Systems
// Spacecraft Systems
// Systems Design
// Technology Strategy
// *Delivered in partnership with UCL School of Management

GROUP PROJECT

// Students undertake a compulsory group project simulation in which they are confronted with a series of realistic project scenarios and must work together to determine and present their recommended course of action. The scenarios will build on challenges typical of complex projects such as requirements definition, risk management, scope creep and contract and conflict management.
Your career

Complex systems are commonplace in many sectors including rail, aerospace, defence, construction and energy. The ability to manage effectively the projects that deliver such systems is crucial in these industries, and individuals who can demonstrate these skills are in high demand.

Employability

We have an industrial advisory board including representatives from Airbus, Atkins, BAE Systems, Boeing, DSTL, Leonardo, MAATS Tech, PA Consulting, Rolls-Royce, Transport for London and Ultra Electronics. These organisations provide project support and even one-to-one careers guidance in some cases.

Drawing on our experience of providing short training courses for industry, such as the Project Manager Training Course for the European Space Agency, we integrate skills development into our teaching. This includes the skills of communication, negotiation, leadership and motivation, decision-making and managing multi-faceted, time-constrained tasks which will be invaluable in future careers.
Entry requirements

A minimum of a second-class Bachelor’s degree in a relevant discipline from a UK university, or an overseas qualification of an equivalent standard. At least two years’ experience working in an engineering or technology project environment is expected.

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: Good.

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 Management of Complex Projects at graduate level?
// why you want to study Management of Complex Projects at UCL?
// what particularly attracts you to the chosen programme
// how do your academic and professional background and skills meet the demands of this challenging programme?
// what programming experience you have
// where would you 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. Applicants who have a portfolio are strongly recommended to submit it when they apply.

FEES AND FUNDING 2017/18 ENTRY

// UK: £18,580 (FT)
// EU: £18,580 (FT)
// Overseas: £27,540 (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.

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

APPLICATION DEADLINE

All 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