HEALTH ECONOMICS AND DECISION SCIENCE MSc / 2017/18 ENTRY

www.ucl.ac.uk/graduate/igh
The UCL MSc in Health Economics and Decision Science spans the disciplines of economics, statistics and epidemiology - training students in applied problems, while providing the theoretical foundations expected of an outstanding UCL postgraduate degree. Strong links to industry and a severe shortage of skills in this area will ensure that graduates of this program are highly employable.

Degree summary

Students choose between a decision science or economics stream and complete eight taught modules and a project. Some students will have the opportunity of an industry internship. All graduates will understand how the political, economic and physical context of health systems, frames the application of economics and decision science. Graduates will be able to conduct rigorous cost effectiveness analyses of health technologies and interventions.

UCL offers a unique, multidisciplinary environment in which to study health economics and decision science. The teaching team comprises economists, statisticians, epidemiologists, mathematicians and public health doctors among others. As a world-leading university, we research, publish and consult in the topics we teach. Our strong links to industry, policy and academia enhance the relevance of our teaching and the employment opportunities of our graduates.

Teaching will be delivered using a wide range of methods including classroom teaching, peer-led seminars, online lectures and practical exercises, moderated debates, group exercises and reading and writing tasks. Assessment varies from written examinations, to essays, portfolios and oral presentations.

A number of students will have the opportunity to undertake an industry placement. This will not be assessed as part of the programme and access to placements is voluntary and based on open competition.

Degree structure

Mode: Full-time: 1 year; Part-time: 2 years; Flexible: 2-5 years
Location: London, Bloomsbury
Part-time mode of study available for MSc only.

Students undertake modules to the value of 180 credits. The programme consists of four core modules (60 credits), four optional modules (60 credits) and a research project (60 credits).

### CORE MODULES

- Health Systems in a Global Context
- Health Policy and Reform
- Economic Evaluation
- Introductory Microeconomics
- Medical Statistics I
- Econometrics
- Key Principles of Health Economics
- Modelling for Decision Science

### OPTIONAL MODULES

- Bayesian Methods in Economic Evaluation
- Health Economics
- Social Determinants of Health
- Concepts and Controversies in Global Health
- Climate Change and Health
- The PPE of Health
- Medical Statistics II
- Research Methods and Evidence for Global Health
- Economics of Health and Population
- Urban Health

In addition to the modules listed, students may select one optional module from any department in UCL.

### DISSERTATION/REPORT

All students undertake an independent research project, which culminates in a dissertation of up to 10,000 words (60 credits). Some students may conduct their research project together with industry partners.
Your career

As the global population grows and ages, so too does the challenge of providing equitable access to cost-effective healthcare. This MSc has been developed to fill a gap in training and skills in higher education, to embrace the multidisciplinary nature of health economics and decision science and provide students with a solid theoretical foundation - while allowing them to choose specific pathways within which they can focus on either more advanced modelling or advanced applied economics.

Employability

There is currently a significant shortage of specialists in the area of health economics and decision science. Graduates of this MSc may go on to work within the pharmaceutical industry, local or national government departments, international organisations, think tanks, consultancies or in academia among other opportunities. Course organisers liaise with a range of potential employers to create internship opportunities where students can experience the working environment in their field and develop important professional networks.
Entry requirements

A minimum of an upper second-class UK Bachelor’s degree or an overseas qualification of an equivalent standard in a relevant, quantitative subject.

**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](http://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.

We particularly welcome applications from candidates keen to apply their strong quantitative skills to real-world problems.

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### FEES AND FUNDING 2017/18 ENTRY

- **UK**: £9,020 (FT)
- **EU**: £9,020 (FT)
- **Overseas**: £17,710 (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](http://www.ucl.ac.uk/graduate/apply).

Full details of funding opportunities can be found on the [UCL Scholarships website](http://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](http://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](http://www.ucl.ac.uk/eu-referendum)