RISK, DISASTER AND RESILIENCE MSc / 2017/18 ENTRY

www.ucl.ac.uk/graduate/earthsci
Risk and disaster reduction, particularly within the contexts of dealing with uncertainty and increasing resilience, are high on local, national and international agendas. The Risk, Disaster and Resilience MSc aims to meet the growing need for experts trained to analyse and provide solutions to these complex issues.

**Degree summary**

Students will learn about and explore the characterisation, quantification, management and reduction of risk and disasters, and their associated impacts, from a diverse range of scientific, technical, socio-economic, political, environmental, ethical and cultural perspectives. They will benefit from a wide range of taught modules which form the focus of the programme.

- The UCL Institute for Risk and Disaster Reduction (IRDR), where teaching for this programme is based, leads and co-ordinates multidisciplinary research, knowledge exchange and advanced teaching in risk and disaster reduction across UCL.
- UCL is uniquely well placed to lead research and teaching in this field; in addition to at least 70 academics across 12 departments and seven faculties involved in world-class research, the IRDR has established links with non-governmental organisations, industry and government departments based in and around London.
- Teaching and project supervision will be provided by active researchers, practitioners and policy-makers, all of whom are leaders in their respective fields.

The programme is delivered through a combination of lectures, directed reading and practical problem-solving exercises and a real-time disaster scenario event, with an emphasis on hands-on learning and tutorial-style dialogue between students and lecturers. Assessment is by independent and group oral presentations, written examination, coursework essays, and the independent project. Practical applications of critical and creative problem solving will be encouraged and assessed throughout.

A series of one-day UK based field trips are available.

**Degree structure**

Mode: Full-time: 1 year; Part-time: 2 years
Location: London, Bloomsbury
Part-time students will usually attend 2-3 days a week.

Students undertake modules to the value of 180 credits. The programme consists of six core modules (90 credits), two optional modules (to the combined value of 30 credits) and an independent research project (60 credits).

A postgraduate Diploma (120 credits, 6 core modules and 2 optional modules), full-time nine months, part-time two years, is also offered.

**Degree structure**

**Core modules**
- Integrating Science into Risk and Disaster Reduction
- Natural and Anthropogenic Hazards and Vulnerability
- Emergency and Crisis Planning
- Emergency and Crisis Management
- Risk and Disaster Reduction Research Tools
- Research Proposal and Appraisal

**Optional modules**
- Choose two options (to the combined value of 30 credits) from a list which may include the following:
  - Natural Hazards, Social Vulnerability and Disaster Risk Management
  - Post Disaster Recovery
  - Adapting Cities to Climate Change
  - Disaster Risk Reduction in Cities
  - Earthquake Seismology and Earthquake Hazards
  - Decision and Risk (Statistics)
  - Risk and Contingency Planning (Security and Crime Science)
  - Risk Power and Uncertainty (Anthropology)
  - Conflict, Humanitarianism and Health

**Dissertation/Report**
- All students undertake an independent research project of 10,000-12,000 words which culminates in a research project and poster presentation.
This programme provides excellent training towards careers in research, research communication, public policy, (re)insurance, catastrophe modelling, finance, risk management, international development, humanitarian assistance, engineering, and many other fields. It supports the career development of professionals already working in risk and disaster reduction, as well as those who intend to go into this field. The IRDR runs a careers and opportunities forum for students; this has been attended by insurance companies, catastrophe modelling firms, NGOs, academic institutions, and head hunters in the field of risk and disaster reduction. Several students have found opportunities through contacts made and positions advertised during this event.

**Employability**

Employers of previous graduates include:

// a London-based international economic consultancy working in micro-finance
// insurance companies market,
// the World Food Programme
// a London council
// London-based NGO Rescue Global
// and continued academic study through a PhD studentship.
**Entry requirements**

Normally a minimum of an upper second-class UK Bachelor’s degree in a relevant discipline or an overseas qualification of an equivalent standard.

**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

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**Fees and Funding 2017/18 Entry**

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

This information is for guidance only. It should not be construed as advice nor relied upon and does not form part of any contract. For more information on UCL’s degree programmes please see the UCL Graduate Prospectus at www.ucl.ac.uk/graduate

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**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 Risk, Disaster and Resilience at graduate level
- why you want to study Risk, Disaster and Resilience at UCL
- what particularly attracts you to this programme
- how your academic and professional background meets the demands of this 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.

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**Contact**

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**EU referendum**

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**Application Deadline**

All applicants: 28 July 2017

Details on how to apply are available on the website at:

www.ucl.ac.uk/graduate/apply