

UCL Institute for Risk and Disaster Reduction
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UCL INSTITUTE FOR RISK AND DISASTER REDUCTION



Why UCL?

At UCL we are proud of our pioneering history, our distinguished present and our exciting future. UCL is a great place to be a student.

World-class: UCL is one of the world's best universities and is consistently placed in the global top 20 in world rankings.

Cutting-edge: Our new programmes include the latest discoveries and developments – so students would be on the cutting-edge. UCL is a world-leader in research, with outstanding results in the 2008 Research Assessment.

Innovation: We are London's Global University – our programmes provide a global perspective to students.

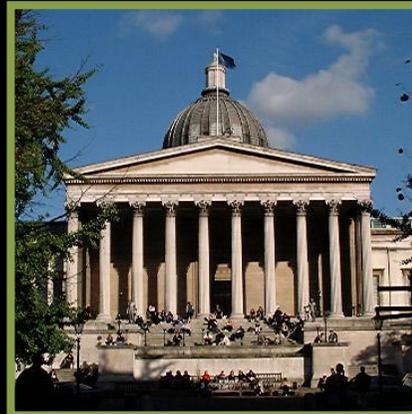
Diversity: Around 35% of our students come from outside the UK, so UCL has a cosmopolitan, friendly and inclusive atmosphere.

Location: We are based in the heart of London – which gives students outstanding academic, professional and social benefits.

How to apply

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.

You may choose to apply online or download application materials, for details visit www.ucl.ac.uk/gradapps



MRes Risk and Disaster Reduction



Caspian

Master of Research in Risk and Disaster Reduction

Director: Professor David Alexander

Availability: Full-time 1 year; Part-time 2 years

Risk and disaster reduction, particularly within the contexts of dealing with uncertainty and increasing resilience, are high on local, national and international agendas. The MRes Risk and Disaster Reduction is a research-intensive programme, which aims to meet the rapidly growing need for experts trained to analyze and provide solutions to complex issues:

www.ucl.ac.uk/prospective-students/graduate-study/

What will I learn?

Students will explore the characterization, 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 acquire advanced levels of knowledge of empirical, theoretical and practical aspects of risk and disaster reduction, and will gain research experience and the ability to effectively communicate research findings through the independent research project.

Why should I study this programme at UCL?

The UCL Institute for Risk and Disaster Reduction leads cross-disciplinary research, knowledge exchange and advanced teaching across UCL, with 70 academics across 12 departments and 7 faculties engaged. Teaching and project supervision will be provided by active researchers, practitioners and policy-makers, all of whom are leaders in their respective fields.

Careers: The MRes provides excellent training towards careers in research, research communication, public policy, (re)insurance, finance, international development, humanitarian assistance, engineering, and many other fields. It also offers research training for professionals already working in risk and disaster reduction.



Who can apply?

The programme aims to train the next generation of innovative, creative and objectively critical researchers, thinkers, practitioners and decision-makers in risk and disaster reduction. The programme may be completed as a stand-alone MRes, or it may be used as training towards subsequent completion of a PhD.

MRes Programme

Students undertake modules to the value of 180 credits: three core taught modules or courses (15 credits each), one optional taught module (15 credits) and a substantial independent research project (120 credits).

Core taught modules

Integrating Science into Disaster Risk Reduction
Investigating Research
Exploring Postgraduate Writing

Optional taught modules include

Disaster Risk Management
Disaster Risk Reduction in Cities
Risk and Contingency Planning
Risk, Power and Uncertainty
Decision and Risk Analysis
Forecasting
Stochastic Systems
Systems Engineering
Management
Systems Modelling
Environmental Systems
Systems, Society and Sustainability
Adapting Cities to Climate Change
Post Disaster Recovery
Resilience
MSc Geophysical Hazard modules
MSc Earthquake Engineering and Disaster Management modules

Dissertation

All students undertake a substantial research project, which culminates in an independent research report and oral presentation.

Teaching and Learning

The programme is delivered through lectures, directed reading and practical problem-solving exercises, with an emphasis on hands-on learning and tutorial-style dialogue between students and lecturers.

