

UCL Institute for Risk and Disaster Reduction
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UCL

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. Applicants with no degree but with relevant professional experience will be considered.

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

PG Cert Risk and Disaster Reduction



L'Aquila, 2009

Postgraduate Certificate in Risk and Disaster Reduction

Director: Dr Joanna Faure Walker

Availability: Part-time 1 year

Risk and disaster reduction, particularly within the contexts of dealing with uncertainty and increasing resilience, are high on local, national and international agendas. The PG Cert offers students the opportunity to gain a sound grasp of the characteristics of risk and disasters and their past, present and future impacts on society: www.ucl.ac.uk/prospective-students/graduate-study/

What will I learn?

Students develop the ability to assess risk and disaster potential and appreciate and propose risk and disaster management and mitigation strategies. They gain the knowledge and skills required to make more effective decisions based on the creative and critical analysis of a broad spectrum of information.

Why should I study this programme at UCL?

The UCL Institute for Risk and Disaster Reduction leads multi-disciplinary research, knowledge exchange and advanced teaching across UCL, with 70 academics across 12 departments and seven 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 Postgraduate Certificate provides excellent training towards careers in public policy, (re)insurance, finance, 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.

Who can apply?

The programme aims to train the next generation of innovative, creative and objectively critical analysts, practitioners and decision-makers in risk and disaster reduction.

Postgraduate Certificate Programme

Students undertake modules to the value of 60 credits: one core taught module or course (15 credits) and one optional taught module (15 credits) and an independent project (30 credits).

Core taught module

Integrating Science into Disaster Risk Reduction

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 Hazards modules
MSc Earthquake Engineering with Disaster Management modules



Project

All students undertake an independent project, which culminates in a report and an 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.