

Postgraduate Certificate Natural Hazards for Insurers

LONDON'S GLOBAL UNIVERSITY



Climate and environmental change, increasing development and urbanisation, and mounting exposure to natural hazards are imposing growing pressure on insurers and reinsurers to seek ways of limiting exposure, reducing vulnerability and building resilience. The PG Cert Natural Hazards for Insurers provides students with a better understanding of natural hazards and the means by which their impacts on the market may be mitigated or avoided.

Your career

This programme is accredited by the Chartered Insurance Institute (CII), the premier professional organisation for those working in the insurance and financial services sectors. Successful completion of the course qualifies the candidate for 60 non-unit specific credits at Advanced Diploma level towards the CII exam framework. Alternatively, completion may be counted towards either the Associateship or Fellowship of the CII (major achievement), although it may only be counted once. Candidates may claim one hour of structured CPD towards the CII member CPD scheme for every hour of study.

For further details, please visit the CII website at www.cii.co.uk; for specific details on the recognition of prior learning award, please go to www.cii.co.uk/prior-learning.



About the UCL Hazard Centre

The programme is delivered by the UCL Hazard Centre. Established in 1997, the Centre delivers the latest research and knowledge on natural hazards and associated risk to communities, business, industry, humanitarian and development agencies, government and civil protection agencies. It specialises in:

- fundamental research on the processes that drive natural hazards;
- practical strategies for forecasting natural hazards and their impacts;
- communicating hazard information to decision makers and vulnerable communities.



Want to know more? Please browse our website:

www.ucl.ac.uk/hazard-centre

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POSTGRADUATE CERTIFICATE
NATURAL HAZARDS FOR
INSURERS

www.ucl.ac.uk/graduate

THE PROGRAMME IS ACCREDITED BY THE
CHARTERED INSURANCE INSTITUTE (CII)



Programme summary

A strong emphasis is placed on developing an improved understanding of natural hazards, including their global distribution and manifestation, the data available and their uncertainties and limitations, and relevant cutting-edge research. The content focuses on hazards of most immediate interest to the market, notably windstorms, floods, wildfires and earthquakes, but also addresses broader topics, such as dam and reservoir safety, resource management and hazardous waste disposal. The programme provides the intellectual, analytical and practical tools for making more informed decisions in day-to-day encounters with natural hazards, exposure and loss.

The programme is delivered through a combination of lectures, seminars, discussions, directed reading and problem-solving exercises. Student performance is assessed through coursework in the form of essays, reports, practical exercises and oral presentations.

Students undertake three modules to the value of 60 credits, which equate to a total of 600 hours of student effort. There are two 10-week teaching blocks, which are then followed by time to conduct an independent research project. Timetabled out-of-office time is limited to 23 afternoons.

The programme runs part-time over 12 months and is delivered at the UCL Bloomsbury campus in central London.

Modules

• **Geological, Geotechnical and Hydrometeorological Hazards** (compulsory; 15 credits)
This is an introductory module that provides an overview of natural and anthropogenic hazards. Topics covered include hazardous natural processes; interconnected, cascading and multiple hazards; earthquake hazards; volcanic hazards; tsunamis; landslides; floods and drought hazards; tropical and extra-tropical cyclones; wildfires; thunderstorms and tornadoes; geotechnical hazards (e.g., mine tailings hazards, dam and reservoir safety).

• **Physical Volcanology and Volcanic Hazards** (optional; 15 credits)
• **Meteorological and Hydrogeological Hazards** (optional; 15 credits)
• **Seismic Risk Assessment** (optional; 15 credits)
• **Science Policy in an Era of Risk and Uncertainty** (optional; 15 credits)

Students choose one advanced module

• **Independent Project: Insurance and Natural Risks** (compulsory; 30 credits)
Independent research project on a topic of choice that ideally incorporates aspects of both risk from natural hazards and re/insurance market interests.

For further programme information, please visit:

www.ucl.ac.uk/earth-sciences/study-here/postgraduate/natural-hazards-natural-hazards-insurers

Alternatively, please contact Dr Alexander Steele: alexander.steele@ucl.ac.uk

Entry requirements

Normally 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. Alternatively, three years of appropriate experience in the financial services sector.

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 proficiency for this programme is 'Standard'. For more information, please visit: 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 scholarships (particularly overseas applicants) should take specific note of application deadlines. When we assess your application, we should like to learn:

- why you want to study Natural Hazards for Insurers at postgraduate level;
- why you want to study Natural Hazards for Insurers at UCL;
- what particularly attracts you to this programme;
- how your academic and professional backgrounds meet the demands of the course;
- where you would like to go professionally with your postgraduate certificate.

Remember, your personal statement is your opportunity to illustrate whether your reasons for applying to this programme match what the programme will deliver.



Details of how to apply: www.ucl.ac.uk/prospective-students/graduate/apply

Details of current fees: www.ucl.ac.uk/students/fees-and-funding

Details of UCL scholarships: www.ucl.ac.uk/scholarships