CLIMATE CHANGE MSc / 2018/19 ENTRY
www.ucl.ac.uk/graduate/geography
There is a pressing national and international need to understand the nature and consequences of climatic change and to develop adaptation strategies. The UCL Climate Change MSc provides rigorous scientific and vocational training for the next generation of climate change professionals.

### Degree summary

The programme provides you with a knowledge and understanding of the Earth system (incorporating the atmosphere, hydrosphere, biosphere, lithosphere) and the nature and causes of climate variability and change. It combines observationally based climate and environmental science with state-of-the-art modelling, specifically concerned with understanding the impacts of climate change. It seeks to place climate change within the context of broader anthropogenic environmental change and social policy dimensions.

- As one of the world’s top universities, UCL excels across the natural sciences, social sciences and humanities. The MSc is run by UCL Geography, which enjoys an outstanding international reputation for its research and teaching.
- The Climate Change MSc brings together the strong expertise of the department, offering a distinctive blend of fundamental climate science, environmental modelling, impacts and adaptations, delivered from both natural and social science perspectives.
- By bringing together students and researchers we aim to create a vibrant and informal academic environment of mutual discovery and ongoing debate.

The programme is delivered through a combination of lectures, seminars, tutorials and laboratory and computer-based practical classes. Assessment is through independent project work, practical-based and written coursework, and the dissertation.

### Degree structure

**Mode:** Full-time: 1 year; Part-time: 2 years  
**Location:** London, Bloomsbury

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

A Postgraduate Diploma (120 credits, full-time nine months) is offered. A Postgraduate Certificate (60 credits, full-time 12 weeks, part-time one year) is offered.

#### CORE MODULES

- Climate Dynamics
- Models in Environmental Science
- Past Climates
- Global Environmental Change

* modules running are dependent on staff sabbaticals

#### OPTIONAL MODULES

- Options may include:
- Biological Indicators of Environmental Change
- Climate Modelling
- Coastal Change
- Cities and Climate Change
- Environmental GIS
- Impacts of Climate Change on Hydro-ecological systems
- Non-biological Indicators of Environmental Change
- Ocean Circulation and Climate Change
- Politics of Climate Change
- Terrestrial Carbon: Modelling and Monitoring
- Surface Water Modelling

*Other MSc modules offered across UCL may be taken at the discretion of the MSc convenor. Availability of modules is dependent on staff sabbaticals.

#### DISSERTATION/REPORT

All students undertake an independent research project which culminates in a dissertation of approximately 12,000 words and an oral presentation.
The programme provides an ideal foundation for PhD research, or for employment with a wide range of private industries, non-governmental organisations, government agencies and environmental consultancies. Graduates have gone on to careers in the commercial, non-profit and academic sectors. Examples include government policy implementation, sustainability consultancy, science communication and research. A significant proportion of students go onto further study such as a PhD.

Recent career destinations* include:

// Policy Manager, Department of Energy & Climate Change (DECC)
// MSc Environmental Economics, UCL
// PhD in Hydrology, University of Leeds

**Employability**

Climate change is big issue with many governmental, non-governmental and commercial consequences. This programme will give graduates an edge when applying for jobs in the private sector relating to adaptation and mitigation - such as the insurance industry and carbon monitoring companies respectively. It also provides a great stepping-stone to a PhD.

* Careers data is taken from the 'Destinations of Leavers from Higher Education' survey undertaken by HESA looking at the destinations of UK and EU students in the 2013-2015 graduating cohorts six months after graduation.*
Entry requirements

A minimum of an upper second-class Bachelor’s degree in a relevant subject (such as environmental science, geography, oceanography, biology, chemistry, physics or engineering) from a UK university, or an overseas qualification of an equivalent standard. Applicants with relevant professional experience in climate science or environmental management will also be considered.

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

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 Climate Change
- why you want to study Climate Change at UCL
- what particularly attracts you to this programme
- how your academic and/or professional background meets the demands of a challenging academic environment
- 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.

Application fee: There is an application processing fee for this programme of £75 for online applications and £100 for paper applications. More details about the application fee can be found at www.ucl.ac.uk/prospective-students/graduate/taught/application.

FEES AND FUNDING 2018/19 ENTRY

- UK: £10,410 (FT), £5,240 (PT)
- EU: £10,410 (FT), £5,240 (PT)
- Overseas: £21,160 (FT), £10,740 (PT)

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.

Full details of funding opportunities can be found on the UCL Scholarships website: www.ucl.ac.uk/scholarships

APPLICATION DEADLINE

All applicants: 27 July 2018

Details on how to apply are available on the website at:
www.ucl.ac.uk/graduate/apply

CONTACT

Application procedure

Email: geog-masters@ucl.ac.uk

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