The Geoscience MSc at UCL aims to provide a set of programmes that suit each student’s aspirations, background and experience. The MSc offers several pathways to ensure a coherent programme of study: Earth Systems Science; Palaeobiology; Earth and Planetary Physics; Environment; and Hydrogeology.

**Degree summary**

The programme aims to integrate theoretical studies with essential practical skills in the Earth sciences, both in the field and in the laboratory. Students develop the ability to work on group projects, prepare written reports, acquire oral skills and gain training in the methods of scientific research.

UCL Earth Sciences is engaged in world-class research into the processes at work on and within the Earth and planets.

Graduate students benefit from our lively and welcoming environment and world-class facilities, which include the UK’s only NASA Regional Planetary Image Facility and access to the University of London Observatory in north London.

The department also hosts the Aon Benfield UCL Hazard Research Centre, Europe’s leading multidisciplinary hazard research centre, and engages in extensive collaborative work with the Royal Institution and the Natural History Museum.

The programme is delivered through a combination of lectures, seminars, tutorials, and laboratory and fieldwork exercises. Student performance is assessed through coursework, written assignments, unseen written examination 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 consists of two core modules (30 credits), six optional modules (90 credits) and a research dissertation (60 credits).

### CORE MODULES
- Research Methods
- Project Proposal

### OPTIONAL MODULES
- Earth and Planetary Systems Science
- Earth and Planetary Materials
- Melting and Volcanism
- Physical Volcanology and Volcanic Hazard
- Earthquake Seismology & Earthquake Hazard
- Tectonic Geomorphology
- Palaeoceanography
- Palaeoclimatology
- Biodiversity and Macroevolutionary Patterns
- Deep Earth and Planetary Modelling
- Geodynamics and Global Tectonics
- Crustal Dynamics, Mountain Building and Basin Analysis

Relevant modules can also be chosen from:
- UCL Geography

### DISSERTATION/REPORT
- All MSc students undertake an independent research project which culminates in a dissertation of approximately 10,000-12,000 words.
Your career

First destinations of recent graduates include:

- Neftex Petroleum Consultants Ltd: Geologist
- TWP Architects and Surveyors: Geotechnical Surveyor
- UCL Earth Sciences Rock and Ice Physics Laboratory: Research Assistant
- UCL: Research Degree, Earth Sciences

Employability

MSc Geoscience students have gone on to pursue careers in many varied areas, such as planning and surveying, governmental organisations, academic research.
**Entry requirements**

A minimum of an upper second-class Bachelor's degree in a relevant discipline from a UK university 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: Standard.

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 Geoscience at graduate level
- why you want to study Geoscience at UCL
- what particularly attracts you to this programme
- how your academic 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.

**FEES AND FUNDING 2017/18 ENTRY**

- UK: £9,840 (FT), £4,970 (PT)
- EU: £9,840 (FT), £4,970 (PT)
- Overseas: £27,540 (FT), £13,770 (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: 31 July 2017

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

**CONTACT**

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**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