This MSc is a uniquely broad and flexible programme that suits students’ aspirations, background and experience. UCL Earth Sciences has strengths in geophysics, geochemistry, palaeobiology, mineral physics, geodynamics, geohazards, climate science, environmental geosciences and policy, and other areas. Students choose from a wide range of optional modules from within the department and more widely across UCL, building an MSc tailored to their interests.

**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 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.

Crustal Dynamics, Mountain Building and Basin Analysis is a fieldwork only module without a classroom element.

**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 three core modules (45 credits), six optional modules (75 credits) and a research dissertation (60 credits).

**CORE MODULES**
- Research Methods
- Project Proposal
- Earth and Planetary Systems Science

**OPTIONAL MODULES**
- 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
- Advanced Biodiversity and Macroevolutionary Studies

Students can also choose relevant elective modules 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

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

Recent career destinations* include:

// PhD in Climatology, Cardiff University (Prifysgol Caerdydd)
// PhD in Geoscience, UCL
// Engineer, Geo-Info
// Lecturer in Geology, University of Benin
// Oil and Gas Analyst, EIC (Energy Industries Council)

* 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 a lower 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.

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: £10,140 (FT), £5,120 (PT)
// EU: £10,140 (FT), £5,120 (PT)
// Overseas: £28,370 (FT), £14,180 (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.

Please refer to http://www.ucl.ac.uk/prospective-students/scholarships for available funding.

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

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Telephone: +44 (0)20 3108 6358

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