Global Management of Natural Resources MSc

This MSc will prepare students for highly skilled, multidisciplinary managerial roles in the natural resources sector across the globe. The programme is transcontinental (offered by UCL and the University of South Australia (UniSA)), is delivered by UCL Chemical Engineering, UCL Earth Sciences, UCL School of Management, and the Future Industries Institute at UniSA, and designed with significant input from industry.

Degree summary

Students develop knowledge of geology, geosciences, geochemistry and the chemical processes used to transform raw materials into commodities; managerial skills; and an understanding of the relationship between limited natural resources, economic forces, and the implications for society. The first two terms are spent at UCL in London and the third term and summer at UniSA in Adelaide.

UCL is consistently placed in the global top 20 in a wide range of world rankings and in the latest Research Excellence Framework (REF 2014) UCL was the top-rated UK university for research strength. This MSc has developed from the European-funded research project ShaleXenvironmenT (in which UCL was an academic partner) and anticipates increasing demand for managerial professionals in existing and developing natural resources fields. UniSA is one of Australia’s leading universities for interdisciplinary research.

Our programme aims to produce global citizens and offers networking opportunities in London and Adelaide. We offer career advice throughout the programme and foster transferable skills through our multidisciplinary environment.

The programme includes a field trip to explore sedimentary formations similar to shale plays in either Spain or the UK. There is another field trip to a copper, gold or uranium mine in South Australia.

The programme is delivered through a combination of lectures, seminars, site visits, independent reading and research as well as online material. Some of the modules taught in London will be co-taught by experts at UniSA via remote teaching methods. Assessment is by examination, coursework, process design, oral presentation, online quizzing, reports and writing executive summaries, with some components involving group work.

Degree structure

Mode: Full-time: 1 year
Location: London, Bloomsbury

Students undertake modules to the value of 180 credits. The programme consists of eight core modules (120 credits) and a dissertation (60 credits).

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CORE MODULES

- Business Sustainability
- Decision and Risk Analysis
- Earth Resources and Sustainability
- Geology for Global Managers and Engineers
- Minerals Usage, Extraction and Processing
- Natural Gas Processing
- Prevention and Remediation of Environmental Contamination
- Social Licensing

OPTIONAL MODULES

There are no optional modules for this programme.

DISSERTATION/REPORT

All students undertake a dissertation of 6,000 words based on an individual research project, field trip and executive summary. They must also complete an oral examination of 20 minutes maximum.
Your career

The Global Management of Natural Resources MSc will prepare graduates for highly skilled, multidisciplinary managerial jobs in the natural resources sector. Recent university graduates who apply will gain a global perspective on the natural resources sector. Mid-career professionals already employed will expand their range of expertise.

Our graduates will also be equipped for further postgraduate research in relevant disciplines.

Employability

Successful graduates will have wide knowledge of the energy and natural resources industries, have strong managerial and communication skills, be aware and respectful of social responsibilities, and operate within national and international constraints.
Entry requirements

Normally a minimum of a second-class Bachelor’s degree in a relevant discipline – preferably engineering, Earth sciences, chemistry or finance/business - from a UK university or an overseas qualification of an equivalent standard. Relevant work experience may be taken into account.

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 Global Management of Natural Resources at graduate level
// why you want to study Global Management of Natural Resources at UCL
// what particularly attracts you to this transcontinental programme
// how your academic and professional background meets the demands of this challenging 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: £15,350 (FT)
// EU: £15,350 (FT)
// Overseas: £28,370 (FT)

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.

Australian students will be classified as Overseas for fee purposes. Students will need funds to cover the cost of travel between UCL and UniSA and for field trips.

Financial assistance

For those who apply by March 15th:

// five studentships of £6,000 each are available based on merit;
// ten bursaries of £2,000 each are available based on demonstrated financial need.

For a comprehensive list of the funding opportunities available at UCL, including funding relevant to your nationality, please visit the Scholarships and Funding 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
Scholarship applicants: 15 May 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