The sustainable extraction, supply, use and disposal/re-use of natural resources is increasingly critical to business, policymakers and civil society around the world. In this degree you will investigate the circular economy, resource efficiency and sustainable resource management and you will qualify with the skills and knowledge to become a leader in this field.

Degree summary

The curriculum fully reflects the global nature of the subject. You will gain in-depth expertise of the environmental, social and economic aspects of the management and governance of resources from both public policy and industrial perspectives. Key concepts include resource efficiency and circular economy, the resource nexus and sustainable supply chain management.

The UCL Institute for Sustainable Resources (ISR) has a world-leading research portfolio in the area of sustainable use of resources, economics and the environment. ISR is particularly strong in analysis related to actors and their decision-making as well as strategies.

The exciting multidisciplinary programme includes contributions from economics, law, political science, development planning, engineering and the natural sciences as appropriate for understanding planetary boundaries, the circular economy, people and the resource nexus and developing response options.

Learning key employment skills is an integral part of the programme. The residential field trip offers a valuable opportunity for students and staff to interact at the start of the year. Regular seminars are held across UCL and you will be able to undertake industry-focused dissertation projects. There will be several networking opportunities throughout the programme. Students become members of the Sustainable Resources MSc alumni network and will be invited to attend alumni events and benefit from networking opportunities with fellow students.

The programme is delivered through a combination of lectures, seminars, project group work and presentations from visiting speakers from a range of businesses and other organisations. Hands-on workshops will provide opportunities for practical development and implementation of programme content. Assessment is through examination, assessed coursework, group work and a dissertation.

Students will participate in a field trip to the Birmingham area, which will include site visits to leading businesses and organisations in the area of sustainable resources and the circular economy. There will be no additional costs to students for this trip.

Degree structure

Mode: Full-time: 1 year; Flexible: 2-5 years
Location: London, Bloomsbury
Students undertake modules to the value of 180 credits. The programme consists of five core modules (75 credits), three optional modules (45 credits) and a dissertation project (60 credits).

CORE MODULES
- Introduction to Sustainable Resources: Challenges and principles
- Introduction to Resource Economics and Policy
- The Demand Drivers for Resource Use
- Tools for Assessing Sustainable Resources
- Future Resource Pathways and Visions

OPTIONAL MODULES
- International Commodity Trade
- Metrics, Modelling and Visualisation of the Resource Nexus
- Resource Governance and the Global South
- Eco-Innovation and Sustainable Entrepreneurship
- Earth Resources and Sustainability
- Climate Risks to Hydro-Ecological Systems
- Industrial Symbiosis

DISSERTATION/REPORT
All students undertake an independent original research project, which culminates in a dissertation of 10,000 words.
Your career

This programme equips you for challenging, rewarding and socially beneficial employment in a wide range of sectors including business, national and local government, NGOs and global organisations concerned with economy-resource-environment interactions. The programme includes a careers event with speakers from a variety of organisations where you can discuss opportunities with potential employers.

Employability

On graduation you should possess a sound understanding of the key challenges surrounding sustainable resource use, supply and demand drivers and future strategies for global resource management. You should also be technically competent in a range of economic, social science and modelling skills and techniques including integrated assessments, life cycle analysis, material flows analysis, foresight analysis/scenario analysis, system dynamics, and computable general equilibrium models (CGE).

You develop key skills valuable for future employment, including communication skills (written and oral), teamwork, breaking down complex problems, decision-making under uncertainties, intercultural communication, working in interdisciplinary environments and awareness of the business context.
Entry requirements

A minimum of an upper second-class Bachelor's degree from a UK university or an overseas qualification of an equivalent standard in an appropriate subject (earth science, economics, political sciences, geography, physical sciences, law, engineering or related subject).

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 access your application we would like to learn:

// why you want to study Sustainable Resources at graduate level
// why you want to study Sustainable Resources at UCL
// what particularly attracts you to the chosen 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: £12,150 (FT)
// EU: £12,150 (FT)
// Overseas: £23,540 (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.

Fees for flexible, modular study are charged pro-rata to the appropriate full-time Master's fee taken in an academic session.

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

APPLICATION DEADLINE

Full-time: 27 July 2018
Flexible/Modular: 1 September 2018

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

CONTACT

Dr Teresa Domenech, Course Director
Email: t.domenech@ucl.ac.uk
Telephone: +44 (0)20 3108 9011

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