SUSTAINABLE RESOURCES
MSc /
2017/18 ENTRY
www.ucl.ac.uk/graduate/sustres
The sustainable extraction, supply, use and disposal/re-use of natural resources is increasingly critical to business, policymakers, and civil society around the world. This new degree investigates the topics of a circular economy, resource efficiency, and sustainable resource management, and will qualify students with the skills and knowledge to become leaders in this field.

**Degree summary**

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

The UCL Institute of 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 to Ironbridge offers a valuable opportunity for student and staff interaction and staff at the start of the year. Regular seminars are held across UCL and there will be opportunities to undertake industry-focused dissertation projects.

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. Assessment is through examination, assessed coursework, group work, and a dissertation.

Students will participate in a field trip to Ironbridge (the birthplace of the Industrial Revolution). 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, Business and Market Development
- Earth Resources and Sustainability
- Climate Risks to Hydro-Ecological Systems

**DISSERTATION/REPORT**

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

This programme equips students 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, providing an opportunity to discuss opportunities with potential employers.

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.

Employability

On graduation students should possess a sound understanding of the key challenges surrounding sustainable resource use, supply and demand drivers and future strategies for global natural resource management. Students 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).

Students 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.

FEES AND FUNDING 2017/18 ENTRY

// UK: £11,800 (FT)
// EU: £11,800 (FT)
// Overseas: £22,850 (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: 28 July 2017

Flexible/Modular: 1 September 2017

*Applicants who require a Tier 4 student visa will not be eligible to apply.

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