

UCL SCHOOL OF ENERGY AND RESOURCES,
AUSTRALIA



UCL

EDUCATING TOMORROW'S LEADERS

Master of Science in Energy
and Resources Management





UNIVERSITY COLLEGE LONDON AN ACADEMIC POWERHOUSE

The UCL School of Energy and Resources, Australia, is an integral part of University College London (UCL), one of the foremost academic institutions in the world and an academic powerhouse with 21 Nobel Prize winners among staff and alumni.

UCL brings a unique internationally connected educational experience to Australia with a specialist focus on education in the global critical field of energy and resources.

Rich opportunities

The energy and resources industry is under the spotlight more than at any time in history; both the challenges and the opportunities that this highly globalised sector provides are immense.

The growing demand for energy and resources in developing economies and the issues of energy security, affordability and regulation, sustainability, environmental impact and climate change, are demanding ever more complex solutions.

At the UCL School of Energy and Resources, Australia, we develop the management talent that will help industry meet these challenges, evolve and prosper. Our world-leading approach combines academic research with hands-on industry experience.



Welcome,

The choice of energy and resources post-graduate study is a challenging decision for anyone. The qualification, quality, content, staff and research are critical factors in making the right choice.

At the UCL School of Energy and Resources, Australia, we understand your decision is complicated and that one size education doesn't fit.

We also understand that employers are looking for more than just well-trained technical people.

Resource companies, energy businesses, governments and regulators are all demanding graduates with entrepreneurial skills, flair, an ability to take calculated risks and leaders who can think and communicate across boundaries.

In Australia, UCL has everything from short-course executive education programmes through to full time PhD places of three years – and everything in between.

Get ready to take the next step in your career. Give us a call today to arrange a visit to our campus.

We look forward to talking to you about your specific needs.

David Travers

Chief Executive
UCL Australia

A photograph of an offshore oil rig at night, illuminated by warm lights. The rig's complex structure of pipes, ladders, and platforms is visible against a dark blue sky. In the foreground, a large, curved metal pipe arches across the frame, partially obscuring the view of the rig. The overall scene conveys a sense of industrial scale and energy.

multidisciplinary programmes

OUR PROGRAMMES

We offer a select group of highly focused postgraduate programmes that equip our students with a sought-after qualification from one of the world's top universities – awards that are uniquely designed to develop management, policy and technology skills for the global energy and resources sector.

- › MSc in Energy and Resources Management
- › Graduate Diploma in Energy and Resources: Policy and Practice
- › Graduate Certificate in Energy and Resources: Policy and Practice
- › PhD
- › Executive education





ABOUT OUR MASTERS DEGREE

MSc in Energy and Resources Management (CRICOS Code: 076038B)

The Master of Science in Energy and Resources Management is a two-year programme designed to provide students with a rigorous and comprehensive knowledge of contemporary theory and practice in the sustainable management of energy and natural resources.

The programme is neither an MBA, nor is it a typical technical postgraduate science degree. It is a management focussed Master's course that prepares students for future executive roles by bringing together policy, management and technology perspectives.

WHO SHOULD UNDERTAKE THE PROGRAMME?

High-achieving recent honours graduates and those with substantial work experience in the energy and resources sector, but seeking to broaden their management skills. Additionally it will draw interest from high achievers from other disciplines seeking to gain a more direct pathway into the energy and resources field.

PROGRAMME DELIVERY AND FORMAT

For full-time students, Year 1 comprises eight courses and is designed to deepen your understanding of the field. In Year 2, you have two options: a course work stream (four courses and two research projects) or a research stream (a nine month project of which six months is spent with industry).

Part-time study (3-5 years) is available for students who are not studying on a student visa.

Each course is a month long, however all teaching is held over the first five days. You then have three weeks to complete a project and prepare for a three-hour exam on the final day.

'FLY-IN, FLY-OUT'

The assignments, projects and subsequent report may be undertaken off campus, enabling 'fly-in, fly-out' attendance.

**a unique
qualification**



research stream

YEAR 1		YEAR 2
Core 1	Core 2	Research project
Elective 1 or 5	Elective 2 or 6	Project preparation (months 1-2)
Core 3	Core 4	6 Month industry project (months 3-8)
Elective 3 or 7	Elective 4 or 8	Research conclusion (month 9)

coursework stream

YEAR 1		YEAR 2
Core 1	Core 2	Project A
Elective 1 or 5	Elective 2 or 6	Elective 1 or 5
Core 3	Core 4	Elective 2 or 6
Elective 3 or 7	Elective 4 or 8	Project B
		Elective 3 or 7
		Elective 4 or 8

UCL offers a unique interdisciplinary two-year *MSc in Energy and Resources Management* in Adelaide, Australia.

Adelaide is home to UCL's first overseas campus. MSc students can elect one of two options in year two, a nine-month full-time research stream or a coursework stream.

CORE COURSES:

- 1 Economics of Energy, Resources and the Environment
- 2 Energy Technologies
- 3 Resource Development and Sustainable Management
- 4 Law for Energy and Resources

ELECTIVE COURSES:

- 1 Project Management for Energy and Resources
- 2 Energy Efficiency and Conservation
- 3 International Policy and Geopolitics of Energy and Resources
- 4 Climate Change Modelling and Policy
- 5 Political Economy of Oil and Gas
- 6 Financing Resource Projects
- 7 Water Resources Management
- 8 Social Licensing
- - Project A
- - Project B



GRADUATE DIPLOMA AND GRADUATE CERTIFICATE

The UCL School of Energy and Resources, Australia offers additional flexible learning options. You can choose any of the courses offered in the Energy and Resources Management MSc and achieve the following awards:

- Eight courses from the Master's programme to complete a Graduate Diploma
- Four courses from the Master's programme to complete a Graduate Certificate

ENTRY REQUIREMENTS AND APPLICATION

A minimum of a Second Class (Upper Division) Australian or UK Bachelor's honours degree, or an equivalent qualification is required for admission. The degree should be in an appropriate discipline (for example, engineering, economics, science, law, or business).

Alternatively, an Australian undergraduate degree plus substantial work experience in a relevant industry or government sector (for example, energy and resource companies, policy organisations, regulatory bodies). Equivalent international qualifications are also acceptable. To apply for a place on the programme, visit www.ucl.ac.uk/australia and complete the online application form.

TUITION FEES

UCL charges a tuition fee which covers registration, tuition and supervision for each academic year or part of an academic year that a student is enrolled.

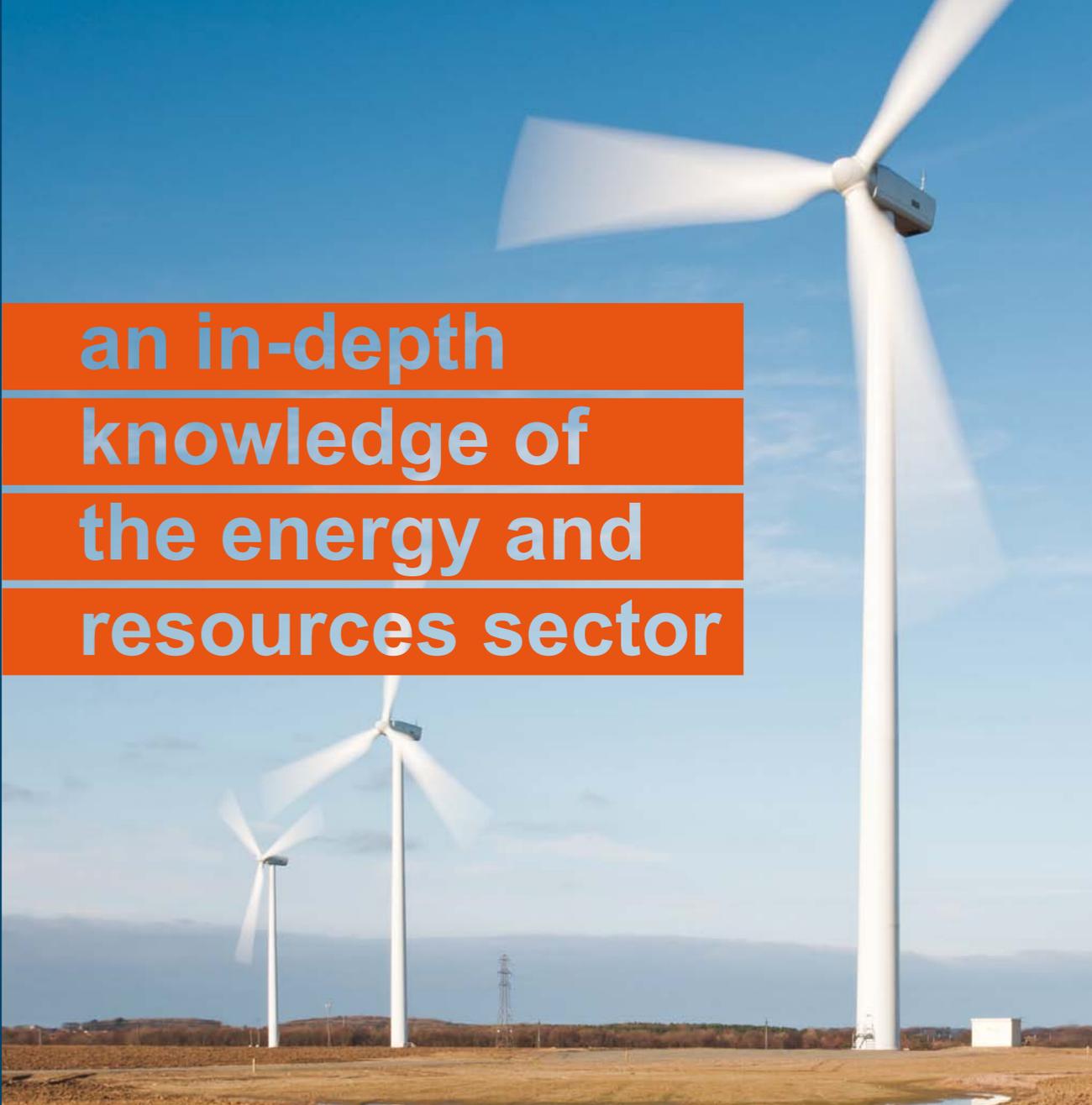
For more details go to www.ucl.ac.uk/australia

SCHOLARSHIPS

UCL offers a number of Santos Scholarships for full time places on the Energy and Resources Management MSc. Scholarships cover up to the full cost of tuition fees and a stipend is available to those studying on a student visa.

PRELIMINARY ENGLISH LANGUAGE TRAINING

Applicants who are offered a place in the programme and do not meet the minimum English language requirement, may wish to consider undertaking preliminary English language training prior to commencement of the course at an approved English language provider in Adelaide.



an in-depth
knowledge of
the energy and
resources sector

FAST FACTS ABOUT UCL

- ▶ Global reputation for teaching and research
- ▶ 21 Nobel Prize winners among former students and academics
- ▶ Industry-specific education

The UCL community is responsible for many developments that have shaped our lives today including the telephone, fingerprint analysis, the identification of hormones and vitamins, and the early versions of the internet.

“University College London — An intellectual powerhouse with a world class reputation.”

The Times, UK

FOR MORE INFORMATION

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**CRICOS Provider
No. 03095G**

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www.ucl.ac.uk/australia