

Sustainable Energy

Advance your career and lead the transition to a net-zero future. With a Master of Sustainable Energy, you will gain the skills to navigate the complex trilemma of energy affordability, reliability and sustainability.

The University of Queensland's innovative suite of Master-level postgraduate programs in sustainable energy will equip you with the skills and knowledge to address the challenges at the nexus of energy, climate change and sustainability.

As one of the few programs in the world to offer you a cross-disciplinary education with direct industry contact and practical experience, you will gain a deeper understanding and appreciation of energy systems, responsible business practice and contemporary energy challenges.

The program is aimed at early and mid-career industry professionals who want to update their knowledge and pivot their career to tackle the global energy transition.

- Intakes in Semester 1 (February) and Semester 2 (July)
- Intensive study of courses over four days
- Online self-paced learning of key foundation concepts
- Study full-time or part-time
- Flexible course structure
- Study online or on campus



What you will study

The University of Queensland's Sustainable Energy programs offer eight core courses, taught in four-day intensive modules. Courses also include some online self-paced learning and presentations.

Following the core courses, you can choose to do a Professional Project – where learnings are applied to a real-world problem, possibly in connection with industry. You can also choose an array of elective course options.

The Master of Sustainable Energy is 1.5 years of full-time study. An extended 2-year degree option with Business Management courses is also available.

Networking and industry engagement

Throughout your study, you will engage with industry leaders through networking breakfasts, online speed networking webinars, and afternoon functions with guest speakers.

Field trips

Each semester commences with a field trip for new students. You will experience different energy infrastructure in Queensland such as the Gladstone Power Station, UQ's Heron Island Research Station and UQ's large-scale solar facilities at Gatton and Warwick. These trips are also a great way to build connections and foster peer-to-peer learning.

Program structure

Master of Sustainable Energy (Management) 2 years full-time	Master of Sustainable Energy 1.5 years full-time	Graduate Diploma 1 year full-time	Grad. Certificate 0.5 years full-time	Part A (Sem 1)	Energy Principles and Renewable Energy	Energy and Development	Low Emission Technologies and Supply Systems	Energy Investment and Finance
				Part A (Sem 2)	Climate Science and Policy	Energy Efficiency and Transport	Strategy, Innovation, and Entrepreneurship	Energy Markets, Law and Policy
	Part B	Professional Project OR Mini-Project + two electives OR Four electives						
				Part C	Management Communication	Principles of Strategic Management	Tools and Techniques for Business Analysis	Managing Organisational Behaviour



“What really interested me about the MSE program is the opportunity to deep dive into the challenges of decarbonisation from a technology, cost and socio-economic perspective and participate in the engaging discourse during the intensive classes.”

Vinita Rao
Master of Sustainable Energy 2021,
Senior Petroleum Engineer,
Origin Energy

Entry requirements

Typically, entry to the programs requires a Bachelor degree in a relevant field, such as Engineering, Science, Management, Economics, Commerce, Business, Public Policy or International Development. For the Graduate Certificate, practical industry experience can be used as an alternative path to entry.

For further information:

Visit us at energy.uq.edu.au/Master-of-Sustainable-Energy

Connect with us on LinkedIn - UQ Sustainable Energy programs

Email us at mse@chemeng.uq.edu.au



THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

CREATE CHANGE