



**Murdoch**  
UNIVERSITY  
PERTH WESTERN AUSTRALIA

*Energy is a key driver of our future.*

## Master of Renewable Energy

Renewable energy is a key driver for a sustainable global future. This course will provide you with the background needed to create a sustainable energy future for our planet.

A Renewable Energy degree can help change your life and make a difference in the world.

This program:

- Equips you with the advanced interdisciplinary skills required to design, optimise and evaluate the technical, social and economic viability of renewable energy schemes.
- Provides you with a globally recognised multi-disciplinary degree taught by researchers at the forefront of their fields.
- Suits graduates from science and engineering as well as business and sustainable policy studies, and produces graduates with broad-based knowledge of the technical, economic, policy, environmental and social issues related to energy installations.

### 2 YEAR MASTER OF RENEWABLE ENERGY PROGRAM CONSISTS OF:

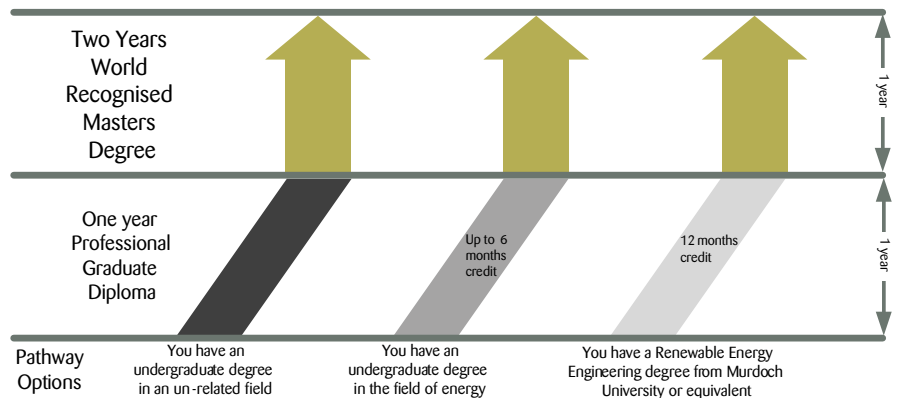
- 1 year Professional Graduate Diploma in Energy Studies
- 1 year Masters Degree In Renewable Energy

### DURATION

2 years full-time

### AVAILABILITY

Internal, External (Online)





## Why Murdoch University?

- Murdoch University has been at the forefront of energy teaching and research since the University was first established in 1975.
- Provides the most comprehensive program on renewable energy in Australia.
- The multi-disciplinary approach to studying renewable energy at tertiary level is unique in Australia.
- The well-established program started in 1992, making it the longest running tertiary education program on energy in Australia.
- Produces more energy graduates than other Australian universities having awarded 111 Graduate Certificates, 193 Diplomas and 168 Masters degrees.
- Masters students can specialise in different areas such as renewable energy systems, renewable energy policy and economics, and energy efficiency
- All our units are offered completely online, allowing you to study from your own home.
- New academics in the School of Engineering and IT have research expertise in the growing areas of energy storage, organic photovoltaics and biomass technology.
- We also offer an undergraduate degree in Renewable Energy – the only one of its kind in Western Australia – where graduates are offered direct entry into the final year of the Masters.

## Our facilities

Our teaching and research facilities include:

- A Renewable Energy Outdoor Test Area for research and development on solar photovoltaic technology, solar thermal power, wind turbines, hybrid systems and mini-grids.
- A Renewable Energy Engineering Laboratory with resource monitoring equipment and industry standard software for design and analysis of renewable energy systems.
- An Engineering and Energy Laboratory with battery room, environmental chamber, PV array simulator, power converter testing room, diesel generator room and electric vehicle charging station.
- Photovoltaic module research laboratories including a state of the art solar simulator and fault diagnostic equipment.
- Rooftop photovoltaic arrays.
- Material characterisation laboratories for photovoltaics, batteries, capacitors and fuel cells.
- A biomass conversion laboratory.

## How to apply

Students can commence study in February or July.

Apply online now by visiting [www.murdoch.edu.au/Future-students/International-students/Applying-to-Murdoch/](http://www.murdoch.edu.au/Future-students/International-students/Applying-to-Murdoch/)

## Quality graduate outcomes

Our graduates are held in high esteem by government agencies and businesses all over the world. They have secured jobs with the United Nations, the Red Cross, Western Power, GHD, AECOM and URS (to name a few), while others have started their own energy businesses. Our Alumni find themselves delving into areas ranging from renewable energy systems design and project management, through to energy policy, greenhouse gas accounting and energy management.



**DANIEL GAHLEITNER**

*Wind Energy Consultant, Energiewerkstatt Consulting GmbH, Austria*

*"My career goal was to develop a career in the wind energy business. The wind projects at Murdoch University had a major contribution in developing my knowledge about wind energy and I was rewarded with an interesting position in a wind energy company"*



**To visit this course online go to:**

[goto.murdoch.edu.au/courses](http://goto.murdoch.edu.au/courses)

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## Want to know more?

### The Student Centre

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The information contained in this publication was correct as at October 2014, but is subject to amendment without notice. The University reserves the right to cancel, without notice, any units or courses if the number of students enrolled in these falls below limits set by the University.