



THE UNIVERSITY  
of ADELAIDE

150 YEARS

# Environment and sustainability

Environment and sustainability professionals work to preserve planetary health, tackle climate change and secure water and energy supplies.



GROUP  
OF EIGHT  
AUSTRALIA

make  
history.



Ranked #50  
globally for  
Water Resources  
Engineering\*



Ranked top-100  
globally for Earth  
and Marine  
Sciences^

100

Ranked top-100  
globally for  
Geology^



## Master environmental management at all scales

The University of Adelaide is internationally renowned for its capability in all scales of spatial imaging and environmental management, from unmanned aircraft to satellites and spatial big-data analysis.

Here you'll learn how to use advanced technology such as remote sensing, geographic information systems, ecological modelling tools and multi-objective decision support systems to understand and manage any environment—natural or managed, land-based, aquatic or marine.

## Protect our most precious resource

We're also widely recognised for our multidisciplinary expertise in water systems management. Our world-leading researchers are highly experienced in developing bespoke technology and scientific solutions to optimise—both environmentally and commercially—water use, supply and treatment. Immersed in this learning environment, you could build valuable knowledge and skills in:

- water supply and distribution system planning, design and operation
- rainfall runoff modelling
- river health prediction and management
- predicting, modelling and testing water demand, quality and availability
- soil settlement prediction and microbiology studies
- wastewater treatment and contaminant removal
- environmental remediation.

## Career prospects

Employment growth for the majority of environment- and sustainability-related roles ranges broadly from stable to very strong†, with STEM jobs predicted to grow nearly twice as fast as other occupations\*\*.

\* *Academic Ranking of World Universities by Subject, 2023.*

^ *QS World University Rankings by Subject, 2023.*

† *Australian Government, Labour Market Insights, 2023.*

\*\**Department of Employment and Workplace Relations, Australian Government, 2020.*

## Degrees

### Undergraduate

- Bachelor of Architectural Design
- Bachelor of Construction Management
- Bachelor of Construction Management (Honours)
- Bachelor of Engineering (Honours) (Architectural and Structural)
- Bachelor of Engineering (Honours)(Chemical)
- Bachelor of Engineering (Honours)(Civil)
- Bachelor of Engineering (Honours) (Electrical and Electronic)
- Bachelor of Engineering (Honours) (Environmental and Climate Solutions)
- Bachelor of Engineering (Honours)(Mechanical)
- Bachelor of Environmental Policy and Management
- Bachelor of Marine and Wildlife Conservation
- Bachelor of Science
- Bachelor of Science (Honours)
- Bachelor of Science (Advanced)
- Bachelor of Science (Advanced)(Honours)
- Bachelor of Science (Mineral Geoscience)

### Postgraduate coursework

- Master of Architecture with Master of Landscape Architecture
- Master of Architecture by coursework
- Master of Construction Management
- Master of Engineering (Chemical)
- Master of Engineering (Civil and Environmental)
- Master of Engineering (Civil and Structural)
- Master of Engineering (Electrical)
- Master of Engineering (Electronic)
- Master of Engineering (Mechanical)
- Master of Engineering (Mechatronic)
- Master of Environmental Policy and Management
- Master of Landscape Architecture
- Master of Property

## Further enquiries

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