This program prepares you to manage environmental projects and provides a broad understanding of disciplines relevant to environmental science, with the opportunity to study specific areas in-depth.

The increasing number of environmental issues needs suitably qualified people to help resolve them. Solving these problems requires professionals who can provide ethical, high-level specialist advice to industry, governments and communities.

The environmental industry now requires graduates who:
- are knowledgeable about the science underpinning the data pointing to environmental changes
- can interpret the data being produced,
- keep abreast of the current and emerging technologies being used to prevent or mitigate environmental problems
- are capable of designing and conducting research projects
- can communicate well with a wide range of audiences
- can function at a high level of autonomy.

As a future manager in environmental science, you’ll be expected to design and manage projects in an ethical fashion and be able to communicate with a wide range of audiences.

Development of these attributes will be an integral part of your progression through the program.

Career outlook
Employment opportunities for graduates from a range of disciplines will be significantly enhanced by the addition of a postgraduate qualification in environmental science and technology. There is a shortage of qualified environmental science professionals to provide high-level advice to Australian workplaces including:
- environmental consultancies
- government agencies
- resource management
- research and education
- mining/manufacturing industry.

Professional recognition
The Master of Environmental Science and Technology will satisfy the educational component of the requirements to become a Certified Environmental Practitioner.
Graduates can become members of the Environment Institute of Australia and New Zealand (EIANZ) which offers certification and provides access to a wide professional network, workshops, seminars, conferences and publications.
Master of Environmental Science and Technology

Program structure

The Master of Environmental Science and Technology consists of 192 credit points. After completing 96 credit points of study approved by the Program Manager, you may exit with a graduate diploma.

Year 1

You will complete compulsory courses preparing you to operate as a professional in the environmental sector, manage projects and carry out research. You will study fundamental science and technology in classes and workshops. You will also learn about new and developing sustainable technologies and environmental protection methods.

You will complete the following core courses:
- Professional Environmental Scientist
- The Hydrosphere
- The Atmosphere
- The Ecosphere
- The Lithosphere
- Project Management
- Ethics and Sustainability.

And complete one of the following:
- Environmental Chemistry 1A Fundamentals
- GIS Fundamentals
- Introduction to Statistics
- Principles and Practice of Work Health and Safety
- Energy and Earth's Environment.

Year 2

You will do a research project in your interest area and complete science and technology electives.

You will complete the following core courses:
- Research Methods
- Research Project 1
- Applied Science Research Project 24
- Environmental Management - EIA and EMS.

And select and complete a maximum of three courses (maximum 36 credit points):
- Marine Biology
- Environmental Chemistry 1A Fundamentals
- Marine and Geological Systems (MAGS)
- Ecotoxicology
- Environmental Microbiology
- Aquatic Resources Management
- Biosolids and Organic Wastes – Their Sustainable Management and Beneficial Use
- Remote Sensing
- GIS Fundamentals
- GIS Applications
- GIS Principles
- Satellite Positioning
- Introduction to Statistics
- Sustainable Energy Fundamentals
- Photovoltaic Systems
- Electrical Energy Storage Systems
- Biomass and Solar Fuels
- Wind and Hydro Power
- Plant Cell and Tissue Culture
- Occupational Hazards and Control 1
- Principles and Practice of Work Health and Safety
- Energy and Earth's Environment.

Note: AQF exemptions cannot be used to exit with a Graduate Diploma.

How to apply

Direct to RMIT University: rmit.edu.au/programs/apply/direct

Application dates Semester 1, 2017
- Applications open 14 August 2016
- Timely applications close 10 November 2016

Semester 2, 2017
- Applications open 1 May 2017
- Timely applications close 31 May 2017

Late applications will continue to be accepted after this date if places are still available.

Fees (indicative)

2017 indicative fees

The annual tuition fee for full-fee places is AU $28,800 per annum.

This program is offered on a full-fee paying basis only. If you are offered a place, you will need to pay the full tuition costs of your program. However eligible students (such as Australian citizens or holders of an Australian permanent humanitarian visa) may apply to defer payment of some or all of their tuition fees via the Commonwealth Government’s FEEHELP loan scheme.

Fees shown above apply to 2017 only and are based on an annual full-time study load of 96 credit points unless otherwise noted. A proportionate fee applies for more or less than the full-time study load. Tuition fees are adjusted on an annual basis and these fees should only be used as a guide.

For more information and to learn how to calculate your exact tuition fees see: rmit.edu.au/programs/fees/postgraduate

Entry requirements

You must have completed a bachelor or a master by coursework degree in science or engineering with a GPA greater than 2.0 out of 4.0.

Credit and exemptions

If you have successfully completed one of the following qualifications majoring in Environmental Science, you will be eligible for exemptions as follows:

Qualification level
- Graduate Certificate in the same discipline
- Graduate Diploma in the same discipline

Exemptions
- Up to 48 credit points (equivalent to one semester of full-time study)
- Up to 96 credit points (equivalent to two semesters of full-time study)

Remaining program duration
- 144 credit points (equivalent to three semesters of full-time study)
- 96 credit points (equivalent to two semesters of full-time study).