Bachelor of Environmental Science/Bachelor of Business (Management)

This double degree will provide you with thorough knowledge of environmental science and business management principles and practices.

Environmental scientists, particularly those working in consulting firms, benefit from a sound knowledge of management principles to help them implement environmental policy in the business environment.

The program offers:
– considerable hands-on experience with equipment both in the laboratory and in the field
– the opportunity to specialise with a minor in environmental biology or environmental chemistry
– field trips as an integral part of the learning process
– the opportunity to work on collaborative projects with industry, generally in small teams
– a sound understanding of the principles of business management.

As a double degree student, you will gain further skills and knowledge that may extend your career opportunities into future management positions.

Industry connections
All students engage with industry in their final year project, both in environmental science and in business.

Field trips are a feature of the program.

In the fourth year you have the opportunity to work with a range of environmental agencies and consultancies.

There is also an opportunity to undertake a team research project in Vietnam.

Career outlook
Increasingly, companies must be responsible for their environmental impact. They need professionals with the environmental science and business skills to develop environmental processes and plans and to manage their performance.

Graduates are in demand and work in areas including:
– environmental consultancies
– analytical services for site assessment and remediation recycling and treatment companies
– forestry
– mining and service industries.

Professional recognition
All graduates will be eligible for membership of the Environment Institute of Australia and New Zealand.

The program is accredited by the Australian Institute of Management.

International opportunities
You may take one or more semesters at an overseas institution through the Education Abroad program at more than 120 partner universities.

Past students have studied in places such as Denmark (Technical University of Denmark), Canada (Concordia), Sweden (Lund University), Holland (Delft University of Technology) and the USA (Buffalo State University).

Pathways
Graduates of the RMIT Diploma of Business Administration with a grade point average (GPA) of at least 2.0 out of 4.0 may be eligible to apply for credit if successful in gaining a place.

Graduates of the RMIT Diploma of Conservation and Land Management may be eligible to apply for credit of up to one year.
You will study the same core environmental science and business management courses included in the single degrees. You can also specialise with a minor in environmental biology or environmental chemistry.

Environmental biology covers topics including ecology, plant science and bioremediation relevant to agriculture, horticulture and the natural environment.

Environmental chemistry focuses on chemical interactions occurring in the environment and provides the skills and knowledge needed to analyse chemical pollutants in the air, soil, water and biota using a range of techniques and instrumentation.

The business courses in later years of the program provide an understanding of business management skills and knowledge to lead teams and projects.

**Environmental Biology Minor elective examples**
- Plant Structure and Function
- Animal Diversity
- Plant Diversity
- Animal Structure and Function
- Marine Biology
- Environmental Biotechnology
- Ecotoxicology

**Environmental Chemistry Minor elective examples**
- Environmental Chemistry 2A
- Environmental Chemistry 2B
- Environmental Chemistry 3A
- Environmental Chemistry 3B

### Year 1
- **Year 1A** Environmental Chemistry 1A, Scientific Skills and Communication, Business Computing 1
- **Year 1B** Environmental Chemistry 1B, Spatial Information Science Fundamentals, Business Statistics 1

### Year 2
- **The Changing Environment**
  - University elective
  - Marketing Principles
  - Organisational Analysis
- **Life on Earth**
  - Energy and Earth’s Environment
  - Prices and Markets
  - Macroeconomics 1

### Year 3
- **The Hydrosphere**
  - Program elective (second minor)
  - Environmental Biology or Environmental Chemistry minor
  - Ethics and Governance
  - Leadership and Decision Making
- **Ecology**
  - The Soil Environment
  - Environmental Biology or Environmental Chemistry minor
  - Work in Global Society
  - Commercial Law

### Year 4
- **The Atmosphere**
  - Environmental Sampling and Analysis
  - Environmental Biology or Environmental Chemistry minor
  - Strategic Management
  - Creativity, Innovation and Design
- **Professional Environmental Scientist**
  - Science Project
  - Environmental Biology or Environmental Chemistry minor
  - Management in Practice
  - Contemporary Issues in Management

**Entrance requirements**

Successful completion of an Australian Year 12 senior secondary certificate of education or equivalent.

**Prerequisites**

Current Year 12 prerequisites units 3 and 4 – a study score of at least 20 in Mathematics (any); and a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).

**Additional information**

Non-Year 12 applicants may submit additional information if they would like it to be considered. For semester 1 intake, this can be completed through the VTAC Personal Statement online. For semester 2 intake, this can be completed through the personal statement in the Apply Direct application.

Disclaimer: Every effort has been made to ensure the information contained in this publication is accurate and current at the date of printing. For the most up-to-date information, please refer to the RMIT University website before lodging your application. Visit [www.rmit.edu.au](http://www.rmit.edu.au).