Are you ready to make a positive difference in a career that protects the environment and shapes the future of humanity?

Our environment and sustainability programs empower you to create a more sustainable world. Through specialised projects and research, you will work with industry leaders and academic experts to find solutions to environment and sustainability issues around the globe.

**Student Profile**

“I have had the opportunity to spend almost two weeks at the Australian Museum Lizard Island Research Station on the Great Barrier Reef. It was an amazing experience in such a beautiful place, offering an opportunity to study tropical coral reef ecology.

“Many of the people that I shared the experience with have become some of my closest friends.”

Timothy Coggan (cover)
Bachelor of Environmental Science
Contents
4 Global Reach
4 Researching Global Solutions
5 Industry Connected
5 Urban Sustainability
9 Environmental Science
14 Environmental and Sustainable Engineering
17 Surveying and Geospatial Sciences
21 Sustainable Practices
22 How to Apply
22 Important Dates
23 Fees Explained
A five-year research project being led by RMIT is examining how improving agriculture can cut poverty in conflict areas of the Philippines.

Global Reach

Make the most of RMIT’s global reach and expand your university experience through:
- semester exchanges with over 150 partners in 41 countries
- study tours to Europe, Asia and the Americas
- study at RMIT Vietnam
- internships through the RMIT International Industry Experience and Research Program (RIIERP).

RMIT Fast Facts:
- RMIT has three campuses in Melbourne (City, Brunswick and Bundoora), two in Vietnam (Hanoi and Ho Chi Min City) as well as a centre in Barcelona.
- RMIT graduates are employed in more than 100 countries around the world.
- RMIT’s programs are offered through partnerships in Singapore, Hong Kong, China, Indonesia, Sri Lanka, Belgium, Spain and Germany.

Researching Global Solutions

Research at RMIT is all about solving global problems; finding solutions that change the world for the better.

RMIT has an international reputation for excellence in research:
- ranked in the top five Australian universities for excellence in key research disciplines*
- awarded more than $15 million in research funding in 2013
- over 200 research collaborations with overseas industry and partners.

*Source: Australian Research Council
Urban Sustainability

RMIT is urban in orientation and creativity, shaping sustainable cities of the future.

— The New Academic Street (NAS) project is set to transform the City campus: there will be a new 24-hour computer lab, as well as more dedicated areas for study, group work, informal meetings and on-campus socialising.

— Dedicated to sustainable urban campus environments and design excellence, RMIT's continuing $800 million capital investment program saw the completion of the Design Hub and Swanston Academic Building (SAB) in Melbourne, and a striking new academic building at the Ho Chi Minh City campus in 2012.

— The Design Hub represents a new era for design innovation and research in Australia. It brings together progressive design academics, industry practitioners and postgraduate researchers within a disciplinary and collaborative urban laboratory – the first of its kind in Australia.

— The Swanston Academic Building (SAB) was named one of the ten most spectacular university buildings in the world by CNN.

Industry Connected

Strong partnerships with industry leaders and a practical approach are at the heart of RMIT qualifications.

— Many RMIT academics work with global companies, enabling the University to develop an enviable range of industry-aligned courses. This means you’ll learn by doing and gain the practical skills to navigate a rapidly changing world before you graduate.

— Industry partners include Adidas, BMW, Rolls-Royce, United Nations, NAB, Alcoa, L’Oréal, IBM, Deloitte, KPMG, China Power, Guess, Siemens, Nestlé, Airbus, ANZ, Boeing, Nanjing University of Chinese Medicine (China) and Arup.

— One of a kind in Australia, the RMIT International Industry Experience and Research Program (RIIERP) offers internships and the opportunity to work on projects with leading organisations in Asia, Europe and the US.
RMIT students gain hands-on experience working in teams during field studies and excursions, locally and internationally.

Projects that involve community groups or companies allow you to put your skills into action and make an impact before you graduate.
Lakes Entrance Field Project

In the final year of the environmental science program students undertake field studies at Lakes Entrance. The diversity of environments in and around Lakes Entrance in south-eastern Victoria gives RMIT University environmental science students a valuable opportunity to put their skills to the test.

Students spend four days undertaking extensive fieldwork designed to simulate the work environmental scientists do. Working in teams, students collect data on a range of environmental parameters, which they collate and analyse at RMIT’s laboratory at Bullock Island.

Over the course of the field trip students conduct an index of stream analysis along the Tambo River, collect specimens and take water samples and measurements across Lake King. Students also undertake fossil finding tours visiting sites of geological and palaeobiological significance.

The annual field trip has a strong emphasis on group work, encouraging collaboration in multi-disciplinary teams.

www.tinyurl.com/LakesEntranceFieldProject

Lizard Island Field Project

Perched on the Great Barrier Reef 270 kilometres north of Cairns, Lizard Island is a tropical paradise. It’s also where RMIT University students have the opportunity to undertake field work as part of a special hands-on course based at the Lizard Island Research Station. The work conducted on the island is part of the Field Practicum at Lizard Island Research Station elective and aims to give students the experience and skills required to undertake and report on a survey of the reef.

The course is open to a range of students, not just those from the biological sciences. The motivations of each student are wide and varied. Some have a passion in marine biology while others view it as a golden opportunity to expand their horizons and experience something new during the winter break. Snorkelling and hiking give students close-up and distant perspectives of the marine environment and the flora and fauna it contains.

www.tinyurl.com/LizardIslandField

The Vietnam Project

Since 2002, the Vietnam project has sent a team of 12 students from RMIT’s environmental degrees to work on a relevant environment project in Ho Chi Minh City. These students form the nucleus of a small multidisciplinary environmental consultancy. Working in consultation with architects, site engineers and industry specialists, students will investigate development issues in and around the city.

Practical involvement in an international project gives you an understanding of professional interaction in a cross-cultural context, an appreciation of working within an interdisciplinary team and a general initiation into a skilled working environment. You will learn to liaise with professionals representing various fields and the importance of teamwork.

www.tinyurl.com/TheVietnamEnvironment

www.tinyurl.com/LakesEntranceFieldProject
Broadly, a ‘green’ job is one that reduces negative impacts on the natural environment.

In practical terms it can involve rehabilitation of damaged areas, such as contaminated mine sites, so that they can be used again without threatening human health; tackling issues to do with the reduction, reuse or recycling of ‘waste’; or developing and implementing renewable energy technologies centred on solar and wind power.

Environmental Engineers
Environmental engineers bridge the gap between engineering and environmental issues. They ensure major projects are planned, designed, implemented and managed in an ecologically sustainable way. They can design wetland systems to improve water quality and conservation, or work with industry to minimise the toxic impacts of processes and by-products.

Environmental Scientists
Environmental scientists analyse the environment in different situations, to identify problems and monitor conditions. They can test air and water quality, as well as assess soil and ground conditions for environmental impact assessment and monitoring.

Environmental Social Scientists
Environmental social scientists work to change the behaviour, perceptions and actions of people and organisations. This can be through advocacy, communications, policy development or project management for government and private corporations. They work as sustainability consultants, strategic urban planners and environmental policy analysts.

Conservation and Land Managers
Conservation and land managers work in a wide range of land management roles including catchments management; community coordination and facilitation; forest and park management; land protection and rehabilitation; local government environment recreational, and conservational coordination; and wildlife management.
Environmental Science

Bachelor of Environmental Science

RMIT Code: BP192 .......................... FT3 or PTA – V
2015 Clearly-in ATAR: .................................. 74.15
www.rmit.edu.au/programs/bp192

This environmental science program is concerned with the evaluation and management of all aspects of the environment including the atmosphere (air), hydrosphere (oceans, rivers and lakes), biosphere (plants, animals and micro-organisms) and the lithosphere (soil).

You will learn in detail about the processes that occur in natural and degraded environments, and you will specialise in two areas of environmental study.

One of the specialisations will be either environmental chemistry or environmental biology, and the other can be chosen from environmental engineering, environmental management, instrumental analysis or geospatial science.

In this environmental science program you will:
- gain considerable hands-on experience with equipment, both in the laboratory and in the field. This is done in small groups to give each student equal opportunity.
- take part in many field trips. There are usually two to three field trips per semester.
- be given the opportunity to work on collaborative projects with industry. This generally involves working in small teams.

Considerable emphasis is placed on enabling each student to settle into this program and providing additional academic help, where needed.

What You Will Study

Year One
You will study chemistry and biology related to the environment, the processes involved in the development of the Earth, statistics, scientific communication, and ideas of environmental thought and action.

There are a number of excursions during the year.

Year Two
You will choose your two specialisations.

All students study the processes that occur in the hydrosphere and biosphere and take part in several excursions each semester.

Year Three
You will continue with your specialisations and explore processes occurring in the atmosphere and lithosphere.

In first semester you will undertake a week-long field trip and learn how to work effectively in teams on a set project.

Currently, this project takes place in Lakes Entrance and investigates the health of a local river and lake.

In the second semester, you will work in a team on a science project of your choice, generally with an industry partner.

As an alternative to the science project, you may apply to be part of the Vietnam project, or attend an excursion to Lizard Island in Queensland.

Industry Connections

Regular field trips are a feature of this program. They involve teamwork and are often carried out in association with government agencies, environmental agencies and consultancies.

You will also engage with industry in your final-year project.

You will have an opportunity to undertake a team research project in Vietnam.

Career

The training and the experiences provided by this program are modelled on the type of work likely to be required after graduation.

This makes RMIT graduates in environmental science highly employable.

You may find employment in environmental consultancies, government agencies, resource management, research and education, and the mining/manufacturing industry.

Typical tasks you will perform include:
- sample collection and analysis
- waste management
- ongoing monitoring and assessment
- environmental impact assessment
- site remediation
- policy development
- cleaner production
- environmental education and training
- environmental auditing.

Student Profile

“I was drawn to the practical aspects of the Bachelor of Environmental Science at RMIT and was excited about the prospect of doing regular field trips. It’s been great to meet like-minded people who have become good friends.

“The theoretical skills that we learn in class are put into practice on a daily basis, and reinforced by the work we undertake in the field. I can see that the skills I am learning will be extremely valuable to me throughout my career. These skills include an ability to think critically and work well within a team, as well as practical scientific skills – in the laboratory and for fieldwork.”

Phoebe Lewis
Bachelor of Environmental Science

Your work as an environmental scientist may involve report writing, laboratory work, field work, research or any combination of these.

A number of graduates are now in senior positions in several industry areas, including the Environmental Protection Agency (EPA), the Department of Sustainability and Environment (DSE), the Commonwealth Scientific and Industrial Research Organisation (CSIRO), catchment management authorities, and agricultural and research agencies.

Professional Recognition

All graduates will be eligible for membership of the Environment Institute of Australia and New Zealand. Those with sufficient chemistry may apply to the Royal Australian Chemical Institute for membership.

Global Opportunities

You can study for up to one year at any of RMIT’s 120 partner universities through the Education Abroad program.

RMIT students have studied in Denmark (Technical University of Denmark), Canada (Concordia), Sweden (Lund University), Holland (Delft University of Technology) and the US (Buffalo State University).

Entry Requirements

Prerequisites

Units 3 and 4 – a study score of at least 20 in one of Mathematical Methods (CAS) or Specialist Mathematics; and a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).

Selection tasks

Non-Year 12 applicants must complete and submit a VTAC Personal Statement online if they wish other information to be considered.

Please refer to VTAC for full details on selection requirements.

Pathways

RMIT graduates of the Diploma of Conservation and Land Management may be eligible to apply for exemptions of up to one year.
**Bachelor of Environmental Science** and **Bachelor of Business (Management)** double degree

**RMIT Code: BP161**

2015 Clearly-in ATAR: 81.50

www.rmit.edu.au/programs/bp161

**CITY CAMPUS**

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

Environmental science graduates, particularly those working in consulting firms, need a sound knowledge of management principles to implement environmental policy.

Business electives in later years of the degree give you the opportunity to specialise in areas such as public administration, accountancy, or management.

The program offers:
- considerable hands-on experience with equipment both in the laboratory and in the field
- field trips as an integral part of the learning process
- the opportunity to work on collaborative projects with industry, generally in small teams.

**Why Double Up?**

Companies have to be accountable for their environmental impact and need environmental management plans.

This program combines an understanding of business management with a sound knowledge of the environment. It represents an attractive package for prospective employers.

Double degree graduates gain further skills and knowledge that may extend their opportunities into future management positions.

**What You Will Study**

As a double degree student you will study the same environmental science courses as the single degree students, but only choose one core discipline.

You will specialise in one of two core disciplines:
- 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.

You may also choose a minor science study from geospatial science, environmental engineering and analytical chemistry.

Meanwhile, you will choose electives in business that lead to specialisation in areas such as accountancy, human resources, management, marketing and public administration.

**Industry Connections**

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

Field trips in association with industry are a feature of the program.

In the third year you will 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**

Increasingly, private companies must be responsible for their environmental processes and employ professionals with business skills to manage their performance.

Graduates with this double degree are in demand for their knowledge of environmental science and business management principles and practices.

**Prerequisites**

Those with sufficient chemistry may apply to the **Bachelor of Environmental Science**.

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

Professional Recognition

All graduates will be eligible for membership of the Environment Institute of Australia and New Zealand. Those with sufficient chemistry may apply to the Royal Australian Chemical Institute for membership.

The program is accredited by the Australian Institute of Management.

**Global Opportunities**

You can study for up to one year at any of RMIT’s 120 partner universities through the Education Abroad program.

Recent students have studied in Denmark (Technical University of Denmark), Canada (Concordia), Sweden (Lund University), Holland (Delft University of Technology) and the US (Buffalo State University).

**Entry Requirements**

Prerequisites

Units 3 and 4 – a study score of at least 20 in one of Mathematical Methods (CAS) or Specialist Mathematics; and a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).

Selection Tasks

Non-Year 12 applicants must complete and submit a VTAC Personal Statement online if they wish other information to be considered.

Please refer to VTAC for full details on selection requirements.
Environmental Science

Bachelor of Environmental Science and Bachelor of Environment and Society

RMIT Code: BP193 ........................................ FT4 – V
2015 Clearly-in ATAR: ........................................ N/A
www.rmit.edu.au/programs/bp193 CITY CAMPUS

Make a positive difference in a career that may protect many of the world’s precious ecosystems, as well as shape the future of humanity.

This unique double degree brings together science and politics to give you the skills and knowledge to be a leader in sustainability and help protect our natural environment.

You will combine classroom work, laboratory work and fieldwork to gain an understanding of both scientific and social theory, as well as engage in a number of real-life projects.

What You Will Study

Year One

You will cover the fundamentals of the environmental sciences as well as the history and philosophy of contemporary environmental movements.

Year Two

You will study social science courses that inform sustainability practices, and be introduced to key economic concepts, how environment systems work and how they might be better managed.

Year Three

You will engage in policy formulation, writing and implementation, and learn about environmental and natural resource management. You can specialise in either applied chemistry, ecology or geospatial science.

Year Four

Your skills and knowledge come together through client-based projects, field-based projects and a work placement centred on real environmental issues. Choose from electives in substantive environment sub-fields such as agriculture, catchment management, planning and ecotourism.

Industry Connections

A formal work placement of approximately 20 days is undertaken in the final semester of the degree. RMIT assists in finding work, often paid, at a variety of environmental and related organisations.

Past graduates have used opportunities provided by formal work placements to gain employment after graduation.

Additional work-related experience occurs through consulting with industry organisations on real projects.

Career

With the emergence of the global green economy, graduates from this program are highly sought after by employers, due to their rare combination of environmental science and environmental policy skills.

Professional environmental careers may see you undertaking tasks relating to environmental management, identifying community needs, sustainability planning and environmental reporting. Graduate outcomes include:

- scientist
- policy maker
- environmental activist
- environmental manager
- sustainability manager
- sustainability consultant
- environmental protection officer
- environmental policy officer.

Professional Recognition

The program is accredited by the Environment Institute of Australia and New Zealand. All graduates will be eligible for membership.

You can elect to undertake 48 credit points in environmental chemistry or ecology as part of this program, and upon successful completion you will be eligible for associate membership of either the Royal Australian Chemical Institute (chemistry) or the Australian Institute of Biology (biology).

Global Opportunities

Overseas study is encouraged to investigate how other countries are seeking to achieve ecological sustainability, including embarking on a team research project in Vietnam.

Study tours give you further opportunities to apply your knowledge and gain an international perspective. Recent study tours have operated in Nepal and Latin America.

Entry Requirements

Prerequisites

Units 3 and 4 – a study score of at least 30 in one of Mathematical Methods (CAS) or Specialist Mathematics; and a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).

Selection Tasks

Applicants may need to submit a VTAC Personal Statement online.

Shortlisted applicants may be required to attend an interview.

Please refer to VTAC for full details on selection requirements.

Student Profile

"I chose RMIT for my degree as the combination of social and environmental science gives me exposure to a wide range of ways of understanding the world. I am constantly inspired by the passionate and engaged lecturers and tutors I am meeting, particularly within the social science discipline. I was awarded a scholarship with the Australian Government’s New Colombo Plan so I will have the opportunity to study one semester at the University of the Philippines Los Baños and to hopefully intern within the university or with an international research organisation." 

Emily Pritchard
Bachelor Social Science (Environment) and Bachelor Environmental Science
Environmental Science

Bachelor of Environmental Science and Bachelor of Engineering (Environmental Engineering) (Honours) double degree

RMIT Code: BH096 .......................... FTS – 2015 Clear by ATAR: ........................................ 86.65
www.rmit.edu.au/programs/bh096 CITY CAMPUS

This double degree combines the essential elements of environmental science (understanding the interactions in the environment) with environmental engineering (designing solutions to environmental problems).

You will gain a thorough understanding of environmental processes, and have the ability to develop and implement waste minimisation and remediation strategies. You will also develop and implement environmental management systems, allowing you to contribute to the science/engineering interface.

The program offers:
- considerable hands-on experience with laboratory and field equipment
- field trips as an integral part of the learning process
- opportunities to work on collaborative projects with industry.

Why Double Up?
As a graduate of the double degree in environmental science and environmental engineering, you are uniquely placed to obtain work in a variety of workplaces, having an understanding of the science together with the ability to design solutions.

What You Will Study
Year One
You will concentrate on fundamentals in environmental science, chemistry, biology, mathematics and engineering.

Year Two
In the environmental science component, you will specialise in environmental biology or environmental chemistry.

Engineering practice courses give you the opportunity to engage in a multidisciplinary project. Working in teams you will learn about environmental principles and sustainable design.

Year Three
You will gain a basic grounding in environmental engineering through courses in water engineering, urban systems of water supply, geological site investigations and pollution control. Geology courses develop skills in basic site investigations through site visits.

Year Four
You will undertake an environmental engineering project, and develop an understanding of groundwater resources, land contamination and wastewater treatment and recycling.

You will also explore the impact of human activities on the biosphere, atmosphere, hydrosphere and lithosphere. You will continue to study your environmental science specialisation.

Year Five
In your final year, your focus will be on advanced topics in environmental analysis and engineering, including infrastructure planning.

You will complete an independent science project, as well as studies in environmental ethics, policies and law. You will also undertake an individual work-integrated engineering project sourced from industry.

Industry Connections
You will take regular field trips in association with industry that involve teamwork and instrumentation.

In the final year of your studies you will undertake a major project that is either industry-based or simulates an industrial situation. You will work with industry leaders using the theory and practical experience gained through the program to solve a problem.

In order to graduate from this program you must complete a minimum 12 weeks of engineering industry experience. This allows you to gain first-hand experience in an engineering practice environment under the supervision of a practicing professional engineer. The nature and timing of this engineering experience can take a range of forms.

Opportunities exist for an overseas work placement of between six and 12 months (this satisfies the work experience requirement). These placements are normally taken during a one-year break in the middle or at the end of the third year of the degree.

You will also have an opportunity to undertake a team research project in Vietnam.

Career
Graduates with environmental science and environmental engineering qualifications are highly sought after. RMIT graduates are particularly employable because of the double degree program's emphasis on real training and experiences.

Graduates work in corporate or industrial sectors or government agencies. They can also work as consultants, designing innovative environmental products as well as resolving existing environmental problems through the application of their environmental science and engineering skills.

Professional Recognition
This program is fully accredited by Engineers Australia. Graduates of the program are eligible for graduate membership of Engineers Australia. Full membership as a professional engineer may be obtained after an appropriate period of professional practice.

Australia is one of 15 countries that are signatories to the International Engineering Alliance, also known as the Washington Accord, for professional engineers. The qualification of graduates from this degree is recognised in all countries that are signatories to the Accord.

All graduates will be eligible for membership of the Environment Institute of Australia and New Zealand. Those with sufficient chemistry may apply to the Royal Australian Chemical Institute for membership.

Global Opportunities
RMIT environmental engineering students have the option to undertake a study tour to Paris entitled ‘Sustainable Cities’, and engage in a Vietnam research project.

Entry Requirements
Prerequisites

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>A study score of at least 20 in one of Mathematical Methods (CAS) or Specialist Mathematics; and a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).</td>
</tr>
</tbody>
</table>

Selection Tasks
Non-Year 12 applicants must complete and submit a VTAC Personal Statement online if they wish other information to be considered.

Please refer to VTAC for full details on selection requirements.
Diploma of Conservation and Land Management

RMIT Code: C5305  FT2 – VT, PTA – D or VT
National Course Code: AHC51110
www.rmit.edu.au/programs/c5305  CITY CAMPUS

This program will introduce you to the skills used by land managers, park rangers, site assessors, water quality assessors and conservation staff.

As part of this program, which is based on the National Agriculture, Horticulture and Conservation and Land Management Training Package, you will take annual field trips to remote locations and learn how to survey animals and plants. You will also monitor waterways, assess and restore natural sites and undertake cultural studies relating to land management.

What You Will Study

Year One
You will study plant identification and ecology and learn skills related to site assessment, revegetation and industry-specific communication skills.

You will also learn how to conduct wildlife surveys and interpret the data.

In Semester Two you will be introduced to cultural heritage and aspects of indigenous land management with input from aboriginal elders and community organisations.

Year Two
You will study courses relating to the monitoring and management of water and continue to undertake biological surveys. This includes studying Indigenous and cultural heritage issues and how these relate to land management.

You will be taught in collaboration with indigenous elders and community members and undertake an extended field trip to western Victoria where you will have the opportunity to work alongside indigenous landcare workers.

Industry Connections

You will hear from representatives of conservation and wildlife groups and you are encouraged to volunteer with a range of organisations. You will also conduct extensive fieldwork studies on public land in collaboration with Melbourne Water, Parks Victoria, Friends groups and other organisations.

Industry stakeholders such as Melbourne Water, Parks Victoria and local councils have significant input into the program content.

Career

As a graduate, you may find work as a park ranger or member of a bush crew. You may work with organisations involved in conservation and land care including local government, local area management committees, Parks Victoria or the Victorian Government Department of Environment and Primary Industries.

Entry Requirements

Prerequisites
None.

Selection Tasks

There are selection tasks for this program.

Please refer to VTAC for full details on selection requirements.

Pathways

As a successful graduate, you may be eligible to apply for exemptions of up to one year from the Bachelor of Environmental Science.

Student Profile

"Within a year of starting my program I’d become involved with Merri Creek Management Committee, Iramoo Grasslands Nursery, Victorian National Parks Associations Nature Watch program and BirdLife Australia. Through this exposure I developed greater understanding of the world, ecologically speaking. I’ve also been employed as a project firefighter for Parks Victoria over the summer.

“A major highlight was spending time in the Western Plains district of Victoria with the Gunditjmara people. It gave me a real insight into Victoria’s history and the advanced engineering prowess of a people considered to be nomadic until recently.”

James Allen
Diploma of Conservation and Land Management
Environmental engineers apply engineering concepts and technical skills to:

- preserve the environment
- minimise water, soil and air pollution
- assess environmental impacts of engineering projects
- develop remediation measures for environmental degradation
- deliver sustainable solutions through engineering processes.

This program allows you to specialise in civil, groundwater, or chemical engineering.

Environmental engineers design systems to:

- improve water quality
- develop cleaner production technologies in agriculture
- undertake rehabilitation of mining sites and contaminated land
- work on land salinity problems
- prepare environmental impact studies.

Strong groundwater and hydrogeology is a focus of this program.

What You Will Study

Year One

You will be introduced to basic skills in mathematics, environmental science, chemistry and engineering practices.

Basic computer-aided design mapping skills are also introduced. In the geology courses, you will go on a number of site visits to develop skills in site investigations.

Engineers Without Borders offers participation in a multidisciplinary project where you will work in teams and learn about environmental principles and sustainable design.

Year Two

A grounding in environmental engineering is offered through courses such as water engineering, urban systems of sustainable development, geological site investigations and pollution control. You will also begin selecting courses from your chosen major.

Year Three

You will learn about groundwater, land contamination and remediation, waste water treatment and recycling, and urban – exploring environmental design aspects of selected urban systems.

Year Four

You will participate in an individual, integrated workplace project within industry. You will explore the relationship between ethics and law in professional practice.

In this program, learning activities are integrated with site visits to:

- Queenscliff for the observation of geo-marine environments
- Hazelwood Mines for land contamination courses
- Western Water Treatment Plant to observe water treatment and recycling
- Studley Park for geological site investigations.

Laboratory-based activities cover mini-research projects. You will develop innovative solutions for waste products such as generating bio-gas from waste from water treatment plants, and using fly ash in water treatment.

Industry Connections

In the final year of your studies you will undertake a major project that is either industry-based or simulates an industrial situation. You will work with industry leaders using the theory and practical experience gained through the program to solve a problem.

In order to graduate from this program you must complete a minimum 12 weeks of engineering industry experience. This allows you to gain first-hand experience in an engineering practice environment under the supervision of a practising professional engineer. The nature and timing of this engineering experience can take a range of forms.

Opportunities exist for an overseas work placement of between six and 12 months (this satisfies the work experience requirement). These placements are normally taken during a one-year break in the middle or at the end of the third year of the degree.

Career

As an environmental engineer, you will find employment opportunities in the resources industry and land remediation areas.

Graduates have a real opportunity to make a significant difference to the world: introducing sustainable practices to preserve the environment; remediating environmental disasters; and preparing the community for adverse effects of climate change.

Graduates are currently employed in senior positions at VicRoads, the Department of Sustainability and Environment, and in many other organisations. Many environmental engineers work as consultants on a range of projects in Australia and overseas.

Professional Recognition

This program is fully accredited by Engineers Australia. Graduates of the program are eligible for graduate membership of Engineers Australia. Full membership as a professional engineer may be obtained after an appropriate period of professional practice.

Australia is one of 15 countries that are signatories to the International Engineering Alliance, also known as the Washington Accord, for professional engineers. The qualification of graduates from this degree is recognised in all countries that are signatories to the Accord.

Global Opportunities

RMIT environmental engineering students have the option to undertake a study tour to Paris entitled ‘Sustainable Cities’, and engage in a Vietnam research project.

Entry Requirements

Prerequisites

Units 3 and 4 – a study score of at least 20 in Mathematical Methods (CAS) and a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).

Selection Tasks

Non-Year 12 applicants must complete and submit a VTAC Personal Statement online if they wish other information to be considered.

Please refer to VTAC for full details on selection requirements.

Student Profile

“I decided to study at RMIT University as it has an awesome combination of theory and practical knowledge. It is the best university to be at to get you ready for work.

“The lecturers are simply incredible. They find ways to incorporate practical knowledge alongside theoretical knowledge. They not only focus on what you can do, but also highlight any limitations you might come across when you are working because the work environment is very different to a university setting.”

Dinesh Nijhawan
Bachelor of Engineering (Environmental Engineering) (Honours)

LEGEND

V – VTAC | D – RMIT Direct | S – RMIT School | ST – Selection task | FT – Full-time (years) | PT – Part-time (years) | PTA – Part-time available | N/A – Not available | RC – A range of selection criteria applied
Bachelor of Engineering (Sustainable Systems Engineering) (Honours)

RMIT Code: BH076 .................................. FT4 – VT
2015 Clear course ATAR: .................................. 78.30
www.rmit.edu.au/programs/bh076 .......................................................................................... CITY CAMPUS

Sustainable systems engineering brings together the new technologies and innovative engineering approaches we need for sustainable global development. It strives to meet the needs of society within economic and ecological constraints.

Climate change is a matter of national and international importance. Research has shown that the consumption of energy and other resources in human-developed systems such as cars and heaters need to be designed for sustainability. This is feeding a sharp global rise in demand for engineers who can develop sustainable systems. This program will help you learn how to protect, restore and create engineered and natural systems that are socially, environmentally and economically sustainable.

What You Will Study

In the first two years of the program, you will focus on the development of a sustainable systems approach. This brings together the fundamentals of engineering sciences, mathematics, engineering design and engineering professional practice.

In later years of the program you can take specialist elective courses in two streams:

— Energy
— Transport and logistics.

These specialist streams provide you with the skills to work in the respective industries.

This program links formal learning with workplace experience and maintains a continuous thread of systems thinking and sustainable design.

You will graduate to design, implement and operate diverse processes that have minimal cost to industry, society and the environment.

Industry Connections

In the final year of your studies you will undertake a major project that is either industry-based or simulates an industrial situation. You will work with industry leaders using the theory and practical experience gained through the program to solve a problem.

In order to graduate from this program you must complete a minimum 12 weeks of engineering industry experience. This allows you to gain first-hand experience in an engineering practice environment under the supervision of a practising professional engineer. The nature and timing of this engineering experience can take a range of forms.

Opportunities exist for an overseas work placement of between six and 12 months (this satisfies the work experience requirement). These placements are normally taken during a one-year break in the middle or at the end of the third year of the degree.

Members of the Program Advisory Committee include senior engineers from major national companies and government and non-government organisations. The committee provides comments and advice on the program content.

Career

Meeting the future needs and challenges of sustainability will require a comprehensive design approach, with a focus on whole-of-system requirements, and an understanding of lifecycle.

You will take a holistic approach to engineering the best-possible, compliance-driven sustainable solutions that present leading business opportunities.

Graduates will find work in areas of energy, transport, logistics, sustainable product design, energy efficiency, renewable energy, sustainable transport systems and vehicles, manufacturing and logistics.

Professional Recognition

This program is provisionally accredited by Engineers Australia. Full accreditation will be sought for this program as soon as it is feasible to do so within the accreditation time lines set by Engineers Australia. Once it is fully accredited, graduates of the program will be eligible for graduate membership of Engineers Australia.

Australia is one of 15 countries that are signatories to the International Engineering Alliance, also known as the Washington Accord, for professional engineers. Once it is fully accredited, graduates with this qualification will be recognised in all countries that are signatories to the Accord.

Global Opportunities

This program introduces significant use of a work-integrated, environmental and experiential learning. Industry placement is built into the program, including international placement and exchanges with similar overseas programs.

RMIT encourages you to aspire to a global career, not just a local one. Through partner organisations in Europe, Asia and the United States the RMIT International Industry Experience and Research Program (RIIERP) offers workplace training and academic research placements between six and 12 months.

Entry Requirements

Prerequisites

Units 3 and 4 – a study score of at least 25 in Mathematical Methods (CAS) and a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).

Selection Tasks

Non-Year 12 applicants must complete and submit a VTAC Personal Statement online if they wish other information to be considered.

Please refer to VTAC for full details on selection requirements.

Pathways

Graduates of the Associate Degree in Engineering Technology (Sustainable Systems Engineering major) who achieve a grade point average (GPA) of 2.0 or greater are guaranteed entry with two years exemption (equivalent to 192 credit points).

Graduates with a GPA of less than 2.0 may apply, and if successful in gaining a place, may be eligible for exemptions.

Student Profile

“RMIT was an attractive choice as the undergraduate program in systems engineering encompasses sustainability design principles alongside studying mechanical and electrical engineering concepts.

“This program gives engineering students the opportunity to develop a valuable skillset for the real world of engineering, encompassing complex problem-solving, research-driven development, team work and leadership.”

George Coulloupas
Bachelor of Engineering (Sustainable Systems Engineering) (Honours)
Working as a surveyor in my gap year I felt that I had finally found a job I enjoyed. Through my studies at RMIT, I now have a solid background in the theory behind the skills I had developed on the job. This has given me increased confidence and a greater level of professionalism in my work. “The degree provides relevant practical experiences that are similar to the workplace while offering the opportunity to gain a thorough understanding of spatial theory and access to professional practice training.

“Surveying is great if you like a combination of indoor and outdoor work. It also offers good salaries, high graduate employment rates and the ability to work on a large variety of projects.”

Jon Allemand
Bachelor of Applied Science (Surveying) (Honours)
Bachelor of Science (Surveying) (Honours)

RMIT Code: BH116 ........................................ FT4 – V
2015 Clearly-in ATAR: ........................................ 75.10
www.rmit.edu.au/programs/bh116 CITY CAMPUS

Surveyors are masters of measurement. Whether they’re locating a property boundary or setting out a high-rise building, today’s surveyors use advanced equipment and specialised software to determine the accurate position of features on Earth.

Surveyors use the latest equipment to perform a variety of measurement surveys. They use robotic laser instruments to observe and record surveys, distances are electronically measured with light beams, and position is fixed using satellite positioning technology (GPS).

Surveyors play a major role in land development, from the planning and design of land subdivision, through to the final construction of the roads, utilities, and landscape planning.

They also play an important part in the construction industry providing detailed design plans for the subsequent construction of roads, freeways, tunnels, bridges, pipelines and high-rise buildings.

Some surveyors work with mining companies on exploration, mining development and mining operations. Other surveyors specialise in hydrographical surveys working with automated position and sounding equipment on survey ships to map the ocean floor.

Surveying is an exciting career often involving travel and includes a mix of outdoor and indoor work. The profession requires attention to detail and a precise mind.

This program is built on a strong link between theory and practice. While there is a sound theoretical base, most subjects incorporate extensive practical work to build skills as well as knowledge.

Surveying is a specialised discipline, so you enjoy the advantage of small class sizes, focused content and staff who are easily accessible.

Surveyors must have a thorough knowledge of algebra, basic calculus, geometry and trigonometry. They must also know the laws that deal with surveys, property and contracts. In addition, they must be able to use delicate instruments with accuracy and precision.

What You Will Study

RMIT offers the only undergraduate surveying program in Victoria.

In the early years of the program, you will study the fundamentals of measurement science, cartography and spatial information science (GIS).

Other fundamental skills in mathematics, statistics and physics are also covered.

In later years, more specialised studies are offered in geodesy, map projections, spatial analysis, remote sensing, image analysis and professional practice.

Specialised studies in cadastral and engineering surveying, GPS and advanced adjustment methods are central components of the program.

Field camps are held in the second and third years to reinforce the theoretical learning and allow you to exercise your knowledge of real-world problems.

Practical work is based on industry-standard software and hardware, the same tools you will find in the workplace. You will have ample opportunities to develop skills and experience with these tools.

Learning support includes a first year transition program, academic coordinators for each year level and an active Geospatial Science Student Association. There is also a dedicated field station at Yarra Bend Park to support practical work.

Industry Connections

Many RMIT activities are guided by industry.

For example, you will undertake an exercise based on the Yarra Bend Park Strategy Plan. You will survey an area of the park, then model, design and illustrate an amphitheatre to suit the local environment.

In addition, you will carry out a final year research project that is industry-approved and reflects current best practice.

You’re also expected to complete 60 days’ work experience during your program. This is usually in the form of paid employment during vacation periods or as a part-time employee. RMIT can sometimes assist you to find a placement.

Career

Career opportunities for surveyors have grown dramatically in recent years and are forecast to keep growing.

Surveyors work on all sorts of projects in all sorts of places – from land development and construction in the city to mining in the outback and offshore. They are also well paid and are often able to travel the world.

Some surveyors work mainly outdoors in the field, while others spend more time in the office. The best courses in surveying provide a strong link between theory and practice and provide ample opportunities for practical work.

It is typical for graduates to be employed in small-and medium-sized consultancy businesses, in the mining sector and in government agencies.

In recent years, graduate employment has approached 100 per cent and there is an ongoing shortage of suitably qualified surveyors.

Many graduates enter a Professional Training Agreement and become licensed surveyors.

For more information visit:

— www.surveying.org.au
— www.rmit.edu.au/program

Professional Recognition

The Bachelor of Applied Science (Surveying) is accredited by the Surveyors Board of Victoria. Graduates are eligible to apply for membership of the Institution of Surveyors Victoria and the Surveying and Spatial Sciences Institute.

The program has international accreditation with the Royal Institute of Chartered Surveyors, which has representation in more than 100 countries worldwide.

Global Opportunities

RMIT students can study for one or more semesters at an overseas institution through the Education Abroad program at more than 120 partner universities.

Entry Requirements

Prerequisites

Units 3 and 4 – a study score of at least 20 in one of Mathematical Methods (CAS) or Specialist Mathematics; and a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).

Selection Tasks

Non-Year 12 applicants must complete and submit a VTAC Personal Statement online if they wish other information to be considered.

Please refer to VTAC for full details on selection requirements.

Pathways

Graduates of the Advanced Diploma of Surveying may be eligible to apply for exemptions.
Bachelor of Science (Geospatial Science) (Honours)

RMIT Code: BH117 .......................... FT4 or PTA – D 2015 Clearly-in ATAR: ............................. 71.45
www.rmit.edu.au/programs/bh117 CITY CAMPUS

This program paves your way for a career in interpreting how location has an impact on the way we interact with the world around us.

If we understand where things are and how they are connected, we better understand our world. Google Earth on the web, in-car navigation systems with GPS, and satellite maps of the world are all examples of geospatial science at work. This program develops professionals to work in the field.

Geospatial scientists use location as the key to collecting, managing, analysing and interpreting information.

Geospatial science is a specialised discipline, so you will enjoy the advantage of small class sizes, focused content and staff who are easily accessible.

RMIT maintains strong links with industry and members of the profession regularly participate in our teaching programs.

While you will find elements of geospatial science in other programs, RMIT offers the only four-year undergraduate program in Victoria. There is also a dedicated field station at Yarra Bend Park to support practical work.

What You Will Study

While there is a sound theoretical base, most courses incorporate extensive practical work to build skills as well as knowledge.

Learning support for students includes a first year transition program, academic coordinators for each year level and a strong Geospatial Science Student Association.

In the early years of the program, you will study the fundamentals of measurement science, cartography and spatial information science (GIS).

Other fundamental skills in mathematics, statistics and physics are also covered.

In later years, more specialised studies are offered in geodesy, map projections, spatial analysis, web design, remote sensing, image analysis and professional practice.

Elective choices give you the opportunity to develop further skills in these areas or to learn more about information technology, environmental studies, planning and land administration.

From the first year, you will engage in project-based learning, tackling real problems and designing solutions using geospatial tools.

This continues in other years, and you will design and undertake a substantial major project in your final year.

Practical work is based on industry-standard software and hardware, the same tools you will find in the workplace. You will have ample opportunities to develop skills and experience with these tools.

Career

A career in geospatial science may be for you, if you:

- have an interest in the physical nature of the world; knowing where things are and how they relate to each other
- enjoy design and computer graphics
- enjoy geography and mapping
- are able to work neatly and accurately, paying attention to detail
- enjoy science and maths
- enjoy problem solving
- are able to work as part of a team.

Geospatial scientists develop and manage geographic information systems in a diverse range of areas including:

- land administration and reform
- urban planning
- subdivision planning
- infrastructure management
- natural resource monitoring and development
- coastal zone management and mapping
- disaster informatics for disaster risk reduction and response
- weather forecasting.

Graduates work in diverse roles that:

- manage and plan land use systems in local government
- map and analyse crime patterns with the police
- build systems for monitoring the spread of infectious disease
- provide maps and other data for mobile phones.

As more and more organisations rely on spatial data as a key information source, the industry demand for graduates grows stronger.

Graduates can work in any organisation where spatial information is used.

Typically, more than 90 per cent of RMIT graduates are employed within three months of completing their studies.

Pathways

RMIT graduates of the Advanced Diploma of Surveying may be eligible to apply for exemptions.

Industry Connections

Many RMIT activities are guided by industry. For example, you will undertake an exercise based on the Yarra Bend Park Strategy Plan. You will survey an area of the park, then model, design and illustrate an amphitheatre to suit the local environment.

In addition, all students carry out a final year research project that is industry-approved and reflects current best practice.

You are also expected to complete 60 days of work experience during your program. This usually takes the form of paid employment during vacation periods or as a part-time employee. RMIT may assist you with finding a placement.

Professional Recognition

Graduates from this program are eligible for admission to the Surveying and Spatial Sciences Institute. They also meet the requirements to be members of the Mapping Sciences Institute of Australia.

www.sssi.org.au
www.mappingsciences.org.au

Global Opportunities

RMIT students can study for one or more semesters at an Overseas institution through the Education Abroad program at more than 120 partner universities.

Entry Requirements

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).

Selection Tasks

Non-Year 12 applicants must complete and submit a VTAC Personal Statement online if they wish other information to be considered.

Please refer to VTAC for full details on selection requirements.

Student Profile

“The hands-on approach to the program provides you with insight into how things are done in the real world so when you’re faced with new tasks, they don’t seem overwhelming.

“The program has given me skills in design, programming, website creation and spatial analysis and I’ve gained experience in a wide range of surveying and geospatial science practices.

“The highlight of my studies has been my major project in final year. I completed a project that will help a company I work with decide where they should be located. The project really helped me to realise the real world importance and value of spatial data.”

Erin Koletsis
Bachelor of Applied Science (Geomatics)

*This program has been renamed to Bachelor of Science (Geospatial Science) (Honours)*

Please refer to VTAC for full details on selection requirements.
Advanced Diploma of Surveying

RMIT Code: C6129 ........................................... FT2 – V T
National Course Code: CPP60312
www.rmit.edu.au/programs/c6129 CITY CAMPUS

Gain the educational and practical training to extend your career in the surveying, mapping, and geographical information systems (GIS) industries. You will gain the skills and knowledge to tackle surveying problems as a field party leader.

What You Will Study

You will further your knowledge in drafting, project management, detailed surveying equipment use, monitoring and quality control.

You will focus on developing your practical experience using industry-standard equipment. You will use various surveying technologies and software for electronic data capture, processing and presentation. You will take part in land development exercises and learn cadastral surveying (surveying relating to land ownership and property boundaries) in a project environment.

Throughout this program, you will develop the capacity to:

— determine client spatial requirements
— conduct an advanced global navigation satellite system (GNSS) control survey
— conduct complex engineering set out surveys
— monitor complex engineering surveying structures
— undertake site surveys and set-out procedures for building projects
— develop a subdivision survey design for local government approval
— conduct design and set out surveys
— design a spatial project plan
— apply quality control measures to the spatial information services industry.

Industry Connections

This full-time program is run over 3 days each week, and you are encouraged to undertake part-time work in the surveying industry while you study.

RMIT University has a strong partnerships with the industry through our Industry Advisory Committee and regular visits to workplaces to receive feedback on the industry’s training needs.

We help facilitate student placements through the Try Surveying website and regularly invite industry partners to give presentations.

RMIT also hosts industry events for the Surveying and Spatial Science Institute, the Surveying Task Force and the Land Surveying Commission of the Surveying and Spatial Science Institute.

Career

RMIT’s strong links with surveying and spatial industry associations mean graduates are highly sought after.

Following graduation, you may be employed in the spatial information industry as an assistant to a land surveyor, survey technician, survey field party leader, GIS/GPS operator or computer draftsperson.

Graduates can initially work in areas such as land management, civil and structural engineering, or asset management for local government or mining companies.

Professional Recognition

You will be eligible for student membership of the Surveying and Spatial Sciences Institute and the Institution of Surveyors Victoria.

Pathways

Graduates of the Advanced Diploma of Surveying may be eligible to apply for exemptions from the following degrees:

— Bachelor of Science (Geospatial Science) (Honours)
— Bachelor of Applied Science (Surveying) (Honours)

Entry Requirements

Prerequisites

Diploma of Surveying.

Selection Tasks

Non-Year 12 applicants must complete and submit a VTAC Personal Statement online if they wish other information to be considered. Please refer to VTAC for full details on selection requirements.

Student Profile

“Surveying is a great career for anyone who wants to have opportunities to work indoors and outdoors and establish skills that can be applied anywhere in the world. For me, the practical, hands-on approach of the RMIT surveying program has been a perfect fit.

“One of the highlights has been a course called Design Road and Rail. I was able to use mathematical formulae and processes out in the field to design a precisely calculated curve that gracefully contoured to the natural landscape. It’s sacred geometry at its best.

“I now work full-time as a party leader for a surveying firm where I’ve quickly become an integral and valued part of a growing team thanks to my ability to contribute.

“I strongly recommend anyone considering a surveying career to get involved as soon as you can. Not only will it help you apply the knowledge you get from your studies, seeing how important the work we do is will confirm that you have made the right career choice.”

Ricki Danuser
Advanced Diploma in Spatial Information Services*

*This program has been renamed to Advanced Diploma of Surveying

RMIT’s field station at Yarra Bend Park gives access to different environments and terrains.

Modern surveying practice integrates computer software into fieldwork.
Diploma of Surveying

RMIT Code: C5320 .............................................. FT1 – V
National Course Code: CPP50112
www.rmit.edu.au/programs/c5320 CITY CAMPUS

Develop the educational and practical training for a career in the surveying, mapping, and geographical information systems (GIS) industries.

Surveying services rely on the collection, management and presentation of information that relates to surveying, mapping and GIS. This is an integral part of:

- local, state and national land management programs
- building and construction projects
- environmental studies
- navigational systems
- emergency situations monitoring.

This program also engages with the growth of digital technologies and surveying tools that map and display information drawn from multiple databases.

What You Will Study

In this program, you will learn how to:

- plan spatial data collection and validation
- conduct an advanced GNSS data collection and set-out survey
- conduct an engineering survey
- create engineering drawings
- perform advanced and geodetic surveying computations
- implement and monitor environmentally sustainable work practices
- apply site risk management systems
- undertake site surveys and set-out procedures for building projects
- develop a subdivision survey design for local government approval
- prepare and present GIS data
- conduct an engineering surveying project
- use complex spreadsheets for spatial information
- manipulate and analyse GIS data
- compile and check survey plans.

Industry Connections

The full-time program is run over three days per week allowing you to work part-time in the industry. We also offer industry exposure through regular seminars with guest speakers and opportunities to take part in simulated spatial science and survey activities at our Yarra Bend Park field station.

Career

Upon graduating, you may find work in the industry in the following roles:

- assistant to a land surveyor
- survey technician
- GIS/GPS operator
- computer draftsperson.

Work is available in areas including:

- land management
- civil and structural engineering
- asset management for local government or mining companies.

Professional Recognition

You will be eligible for student membership of the Surveying and Spatial Sciences Institute and the Institution of Surveyors Victoria.

Entry Requirements

Prerequisites

None.

Selection Tasks

Non-Year 12 applicants must complete and submit a VTAC Personal Statement online if they wish other information to be considered.

Please refer to VTAC for full details on selection requirements.

Pathways

If you successfully complete the Diploma of Surveying, you will be eligible for entry to the Advanced Diploma of Surveying.

Student Profile

*From an early age, my dad knew I’d never be happy with a job sitting behind a desk all day, so he suggested surveying might be a good fit for me.

*I love the outdoors and was doing well in geography at school, so I followed my dad’s advice and took part in a surveying experience day at RMIT where I used equipment to survey the land.

*My program has a hands-on learning approach and we receive lots of practical advice from professional surveyors. We also get the chance to make subdivisions – just as a professional surveyor or draftsperson would – and we are held to industry standard for our assessment, with an emphasis on work health safety.

*My favourite part of the program is when we work at Yarra Bend. It makes me feel like I’m already a fully qualified surveyor.

*This program has exposed me to different types of maps, software and equipment, and I certainly feel like I’m well on my way to becoming a fully licensed professional surveyor.*

Phoebe Hunt
Diploma of Surveying
Bachelor of Environment and Society

Industry Connections

A formal work placement of approximately 20 days is undertaken in the final semester of the degree. RMIT assists in finding work, often paid, at a variety of environmental and related organisations, which in the past have included:

- Environment Protection Authority (EPA)
- Department of Primary Industries (DPI)
- CSIRO
- Landcare
- Parks Victoria
- water and catchment management authorities
- non-government and community-based organisations
- international aid and development agencies
- municipal councils and local government.

Past graduates have used opportunities provided by formal work placements to gain employment after graduation.

Career

Employers value the practical communication, problem-solving and research skills that our environment graduates develop.

By combining your knowledge and skills, you may become effective agents for environmental improvement.

Graduate employment roles include:
- policy maker
- environmental activist/advocate
- environmental manager
- sustainability manager
- sustainability consultant
- environmental protection officer
- environmental policy officer
- community educator.

Professional Recognition

The program is accredited by the Environment Institute of Australia and New Zealand. All graduates will be eligible for membership.

Global Opportunities

Overseas study is encouraged to investigate how other countries are seeking to achieve ecological sustainability, including embarking on a team research project in Vietnam.

RMIT students have been prominent participants in project teams working with partner organisations in Nepal and Latin America.

Entry Requirements

Prerequisites

Units 3 and 4 – a study score of at least 25 in any English (except EAL) or at least 30 in English (EAL).

Selection Tasks

Applicants may need to submit a VTAC Personal Statement online.

Shortlisted applicants may be required to attend an interview.

Please refer to VTAC for full details on selection requirements.

Student Profile

“I moved from Sydney to study at RMIT, as it was the only university offering the type of environment program I wanted to pursue. The program really throws you into the deep end by having you work with teams to complete research projects for real clients concerning environmental outcomes.

“If it wasn’t for the Bachelor of Social Science (Environment), I would not have the skills, confidence and motivation to jump into such a motivated workplace environment like Friends of the Earth Melbourne and work with such talented campaigners.”

Tom Delbridge
Bachelor of Social Science (Environment)
How to Apply

Before applying for a program at RMIT, refer to the program information available at www.rmit.edu.au/study-with-us. All the information you need to apply is at www.rmit.edu.au/study-with-us/applying-to-rmit

Current Year 12 Students
If you are a current Year 12 student applying for Semester 1, you must apply through VTAC for all programs except some that are certificate III and below, which may require you to submit an RMIT school-based application.

Non-Year 12 Students
If you are a non-Year 12 student applying for Semester 1, you must apply for degrees and associate degrees through VTAC but have the choice of applying for certificate IV, diploma and advanced diplomas either through VTAC or direct to RMIT. Please select one application method only.

RMIT Students and Recent Graduates
Current RMIT students and recent graduates can fast-track their application for a new program by applying direct to RMIT as an internal applicant.

How to Apply by Program and Student Type

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Current Year 12 Students</th>
<th>Non-Year 12 Students</th>
<th>RMIT Students or Recent Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degrees and associate degrees</td>
<td>VTAC application</td>
<td>VTAC application</td>
<td>Direct application</td>
</tr>
<tr>
<td>Certificate IV, diploma, advanced diploma</td>
<td>VTAC application</td>
<td>VTAC or direct application</td>
<td>Direct application</td>
</tr>
<tr>
<td>Certificate III and below*</td>
<td>RMIT school-based application</td>
<td>RMIT school-based application</td>
<td>RMIT school-based application</td>
</tr>
</tbody>
</table>

*Some certificate II and below programs are administered by direct application. This will be explained in the individual program information available at www.rmit.edu.au/study-with-us.

Mid-year Entry (Semester 2)
To apply for mid-year entry for any program other than a certificate III (degree, associate degree, certificate IV, diploma and advanced diploma), you need to submit a direct application to RMIT.

To apply for mid-year entry for a certificate III program, you need to submit an RMIT school-based application.

Not all RMIT programs will accept applications for mid-year entry. A list of programs accepting mid-year applications is published in May on the RMIT website.

Selection Tasks
Many programs at RMIT have selection tasks as part of the selection process, such as:
- an interview
- a test
- a folio
- a supplementary form or pre-selection kit.

It is very important that you carefully read any instructions to complete a program’s selection tasks. Selection tasks are listed under programs on the VTAC or the RMIT websites. Failure to complete these tasks by the date specified will jeopardise entry into a program.

Study Scores
Study scores listed in this guide are subject to change. Applicants should refer to VTAC for specific prerequisites and study scores.

Important Dates

May 2015
1 Mid-year intake opens
31 Closing date for mid-year timely applications*

August 2015
3 VTAC applications open
9 Direct applications open for degree and diploma programs (Semester 1, 2016 intake)

September 2015
30 Closing date for VTAC timely applications‘

October 2015
6 Closing date for VTAC SEAS applications‘
31 Closing date for direct applications – selected certificate and diploma programs*

November 2015
6 Closing date for VTAC late applications“
23 Change of Preference opens

December 2015
1 Closing date for direct applications – selected degree, certificate and diploma programs (timely)*
4 Closing date for VTAC very late applications“
14 VCE results and ATAR released“
21 VTAC Change of Preference closes“

January 2016
18 Round 1 offers available through VTAC“

February 2016
4 Round 2 offers available through VTAC“

May 2016
1 Midyear intake opens
31 Closing date for midyear timely applications*
Fee information relates to 2015 and should only be used as a guide. Fees are set on an annual basis and may be subject to change each calendar year. www.rmit.edu.au/programs/fees

Tuition Fees for Certificates, Diplomas and Advanced Diplomas
The tuition fees you pay depend on whether you are offered a state government subsidised place or a full-fee place, based on the eligibility criteria.

Victorian Government Subsidised Places
For eligible students, this training is delivered with Victorian and Commonwealth Government funding.

Tuition fees for a government subsidised place vary according to each program. For a full list of program fees for a government subsidised place visit www.rmit.edu.au/programs/fees/vocational/govtsub.

You will be offered a government subsidised place if you meet the eligibility criteria based on your citizenship, age, prior education, the number of programs you are studying in the current year and the number of government subsidised programs you have commenced in your lifetime at each level. Check your eligibility using the eligibility calculator at www.rmit.edu.au/programs/apply/vocational/eligibility.

If you are applying for a government subsidised place, you will be required to provide documentation to establish your eligibility.

You will be enrolled according to how qualifications are defined in the relevant industry training package. This may impact on your eligibility for a government subsidised place for individual qualifications. For more information about enrolment in certificate, diploma and advanced diploma qualifications and eligibility for a government subsidised place visit www.rmit.edu.au/programs/apply/vocational/eligibility.

RMIT University’s RTO Code is 3046.

Fee Concession
You may be entitled to a concession on your tuition fees if you are in a government subsidised place and you meet the eligibility criteria.

For more information about the eligibility criteria and how to apply visit www.rmit.edu.au/programs/fees/vocational/concession.

Full-Fee Places
If you do not meet the criteria for a government subsidised place, then you will be offered a full-fee place (FFP). Tuition fees for an FFP vary according to each program. For a full list of program fees for FFPs visit www.rmit.edu.au/programs/fees/vocational/fullfee.

Financial assistance may be available through the VET FEE-HELP scheme.

VET FEE-HELP
VET FEE-HELP is an optional loan scheme available to assist eligible students enrolling in an eligible diploma, advanced diploma, full-fee vocational graduate certificate or vocational graduate diploma program. If you are a full-fee paying student, a loan fee of 20% will be added to your VET FEE-HELP loan. For more information visit www.rmit.edu.au/programs/fees/helploans/vetfee-help.

Tuition Fees for Degrees and Associate Degrees
Commonwealth Supported Places (CSP)
A Commonwealth supported place is a place at university where the tuition fee is jointly paid by you and the Australian Government. Your share of the fee (student contribution) is set by the government and is determined by the discipline areas (bands) of your individual enrolled courses, not the overall program. For more information about what fees you will pay in 2015 visit www.rmit.edu.au/programs/fees.

The Australian Government has announced changes to funding of CSPs. These may affect the proportion of the fee paid by student contribution from 2016. For more information visit www.rmit.edu.au/programs/fees/highered.

HECS-HELP
You may be eligible to defer payment of the student contribution through the HECS-HELP loan scheme if you are an Australian citizen or holder of an Australian Permanent Humanitarian Visa. You must pay your student contribution upfront if you are a New Zealand citizen or permanent resident (other than Australian Permanent Humanitarian Visa holder). For more information visit www.rmit.edu.au/programs/fees/helploans/hecshelp.

Full-Fee Places
Students in full-fee places are required to pay a tuition fee that covers the full tuition costs of their program. Financial assistance may be available through the FEE-HELP scheme. The tuition fees vary according to each program and are adjusted on an annual basis. Visit www.rmit.edu.au/programs/fees for more information.

FEE-HELP
FEE-HELP is an optional loan scheme that assists eligible students to pay all or part of their tuition fees. To learn more about FEE-HELP visit www.rmit.edu.au/programs/fees/helploans/fee-help.

Other Fees
In addition to tuition fees, you will be charged a student services and amenities fee (SSAF). Eligible higher education students will be able to defer payment of the fee through SA-HELP.

For more information visit www.rmit.edu.au/programs/fees/ssaaf.

You may also be required to purchase items related to your program, including field trips, specified textbooks and equipment. These material fees are not compulsory and students may choose to purchase these items independently. These expenses vary from program to program. For more information visit www.rmit.edu.au/programs/fees/other.

Scholarships
RMIT is committed to enriching and transforming your world. We award more than 2000 scholarships worth millions of dollars each year across a wide range of interest areas.

RMIT scholarships provide more than just financial assistance or recognition of academic excellence. We create opportunities that enable you to pursue your dreams.

Apply for one of these scholarships and make your overseas study ambitions come true, just like RMIT Equity Travel Grant recipient, Rachel Cassar.

www.rmit.edu.au/scholarships

RMIT Experience Days
Years 10, 11 and 12 students can attend free events and engage in hands-on workshops in a range of different interest areas while experiencing life on campus.

Visit www.rmit.edu.au/experiencedays for more information on RMIT’s Experience Day School Holiday programs.

Rachel Cassar, RMIT Equity Travel Grant Recipient
Bachelor of Communications (Public Relations)
More Degree and Diploma Study Options
The following brochures are available:

– Art, Design and Architecture
– Building, Construction and Planning
– Business
– Communication and Digital Media
– Computing, Games and Information Technology
– Education and Teaching
– Engineering
– Environment and Sustainability
– Health and Medical Sciences
– International and Community Services
– Justice and Legal
– Science.

By subscribing, new and updated publications will be sent directly to your email account. Subscribe at: www.rmit.edu.au/publications.

Further information
Info Corner
330 Swanston Street
(cnr La Trobe Street)
Melbourne VIC 3000
Tel. +61 3 9925 2260
www.rmit.edu.au/infocorner

This guide is designed for Australian and New Zealand citizens and permanent residents of Australia

Further information for international/non-residents of Australia
RMIT International
Tel. +61 3 8676 7047
(within Australia: 1800 998 414)
Email: isu@rmit.edu.au
www.rmit.edu.au/international

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. Prepared April 2015.
RMIT University CRICOS Provider Code: 00122A, RTO Code: 3046.