

# Environment



Environmental  
engineering

Environmental science

Marine

Sustainability and  
environmental  
management

Wildlife and  
conservation biology

2024 Undergraduate

# Preserve our planet

Conserve wildlife and plants, study marine ecosystems or help with environmental education – and get hands-on experience from day one. You'll gain the skills to impact key environmental developments and decisions, as well as invaluable real-world experience through professional placement units, helping you on the path to a rewarding career you're passionate about.

## Acknowledgement of Country

Deakin University acknowledges the Traditional Custodians of all the unceded lands, skies and waterways on which Deakin students, staff and communities come together. As we learn and teach through virtually and physically constructed places across time, we pay our deep respect to the Ancestors and Elders of Wadawurrung Country, Eastern Maar Country and Wurundjeri Country, where our physical campuses are located. We also acknowledge the many First Nations from where students join us online and make vital contributions to our learning communities.

# Your future in environment

## Get your hands dirty

All of Deakin's environment courses have a focus on practical experience and offer hands-on learning experiences from year one, ensuring you graduate skilled and work-ready. Depending on your course, you may learn skills like:

- measuring the health of freshwater environments
- coastal planning
- surveying wildlife populations
- conducting sustainability assessments
- studying seals and penguins.

You can also undertake work experience in a range of settings, including community environment parks and sustainability centres, urban parks – or in businesses, where students analyse waste-management programs and develop waste-management strategies and environmental improvement programs.

Find out more and see students' experiences at [instagram.com/deakinenviro](https://www.instagram.com/deakinenviro).

## Explore our connections with industry

Our staff have close links with industry and relationships with organisations such as the Department of Environment, Land, Water and Planning (DELWP) and Parks Victoria, ensuring our courses are up-to-date with industry trends. Environment courses at Deakin have a core professional placement unit, which means you'll complete your placement with the likes of these high-profile organisations:

- Australian Institute of Marine Science
- Biosis – Environmental Consulting
- Department of Environment, Land, Water and Planning
- local, state and federal government
- Parks Victoria
- Zoos Victoria.

## Get a world-class education

Deakin is ranked in the top 1% worldwide for environmental studies<sup>1</sup> and ecology,<sup>2</sup> as well as being ranked well above world standard for environmental sciences, environmental science and management, and fisheries sciences.<sup>3</sup> So when you choose Deakin, you can be confident you're securing a world-class education – and a bright future.

1 2020 QS World University Rankings by Subject.

2 2022 ShanghaiRankings Ranking of Academic Subjects.

3 2018 Excellence in Research for Australia (ERA) Rankings.



# Your future in environment

## Enjoy state-of-the-art facilities and equipment

Your learning is enhanced by a range of cutting-edge facilities and equipment, like our:

- Geographic Information Systems (GIS) lab
- wildlife-tracking technology
- aquaculture facilities
- infrared motion-sensing wildlife cameras
- high-tech research labs
- research vessels
- remotely operated underwater vehicles.

We also partner with the Queenscliff Marine Science Centre, offering students access to an extensive flow-through system and labs, as well as a variety of nearby marine and coastal ecosystems.

[deakin.edu.au/les-facilities](https://deakin.edu.au/les-facilities)

## Join our Peer Support Network (PSN)

Sign up to the Faculty of Science, Engineering and Built Environment's PSN in your first year at Deakin to get support and guidance from senior students in your course. You'll learn about the support services and facilities available, while gaining useful tips about studying at Deakin.

## Gain international experience

Explore our various overseas programs, including trimester abroad, short-term partner programs, faculty-led study programs, overseas internships and international volunteering opportunities. Deakin environment students have studied in nearly every continent in the world. Each year, students have the opportunity to enrol in the Global Environmental Placement, which offers amazing options to work with turtles in Costa Rica, lions or sharks in South Africa, dolphins in Tanzania, lion fish in Thailand, as well as many other options.

[deakin.edu.au/overseas-study](https://deakin.edu.au/overseas-study)

## Develop sustainability programs with your local community

Complex environmental problems require creative, multidisciplinary approaches and Deakin's suite of environmental management and sustainability units gives you the opportunity to work with your local community to develop solutions to real-world problems. Working with stakeholders, you will develop the skills to lead projects in environmental policy, ecotourism, sustainable behaviours, climate change adaptation and environmental protection.



## The student experience

Hear how Deakin's courses in environmental science have a strong focus on fieldwork and practical experiences at [deakin.yt/study-enviro](https://deakin.yt/study-enviro).



# Your future in environment

## Skills to get you a job

At Deakin, every course is shaped by industry experts, ensuring you'll graduate with real-world expertise and practical skills – giving you a competitive edge in the workplace. Secure your future today at Victoria's #1 university for teaching quality<sup>1</sup> and overall educational experience.<sup>1</sup>

1 2021 Student Experience Survey, Quality Indicators for Learning and Teaching (QILT).

## Contribute to the future of ecotourism

Ecotourism and sustainable tourism are rapidly expanding fields of tourism globally, and given society's increasing interest in the environment, are anticipated to grow. Work with Deakin's experts and local communities to create your own ecotourism program, examining its positive and negative social, environmental and economic impacts, and develop environmental management tools to maximise benefits to society and environment.





# Disciplines

Choose your area of expertise from our disciplines. Knowing which discipline you're interested in helps career advisers find the best course for you. Visit [deakin.edu.au/environment](https://deakin.edu.au/environment) for detailed discipline and course information, including a description of the units within each degree.

- Environmental engineering
- Environmental science
- Marine
- Sustainability and environmental management
- Wildlife and conservation biology

## ▶ The student experience

Hear from our students about how to get out into the field to develop solutions to environmental issues.

[deakin.yt/ems](https://deakin.yt/ems)

'The most rewarding aspect of my course would be having the opportunity to take my learning from the classroom out into the field. These experiences provided me valuable skills and knowledge, which I will use throughout my professional life.'

**Kimberley Allan**

Bachelor of Environmental Science  
(Environmental Management and Sustainability) graduate



# Courses

|                          |       |                            |    |
|--------------------------|-------|----------------------------|----|
| Deakin code              | X123  | Online                     | O  |
| ATAR                     | 70.00 | Melbourne Burwood Campus   | B  |
| Not published            | NP    | Geelong Waterfront Campus  | WF |
| Course duration in years | 3     | Geelong Warrnambool Campus | WP |
| Trimester                | T     | Warrnambool Campus         | WB |

## Bachelor of Environmental Science (Environmental Management and Sustainability)

S398 B 60.20 3 T1, T2

Throughout the Bachelor of Environmental Science (Environmental Management and Sustainability) you will explore ways to manage the interaction between people and the environment. Combining the latest research with extensive application of skills in professional, community, lab and field settings, you'll devise and implement innovative solutions to protect natural resources both locally and globally.

### Careers

Your deep understanding of sustainability and extensive fieldwork experience will set you up for career success in a variety of areas:

- catchment management
- climate change adaptation and mitigation
- coastal and park management
- conservation
- environmental education
- environmental planning and policy
- environmental protection
- environmental science
- industry-based environmental management
- land rehabilitation
- pollution control
- sustainability
- waste management
- water resource management.

### Minors

- Applied data analytics B WP
- Global engagement B WP WB
- Indigenous studies O

### Work experience

Professional Practice is a core unit that lets you complete a placement for a minimum of 80 hours within a relevant, course-related organisation. A number of elective units also help you gain extensive practical experience, including Global Environment Placement, Industry Based Learning or Career Placement.

[deakin.edu.au/sebe/work-integrated-learning](https://deakin.edu.au/sebe/work-integrated-learning)

### Professional recognition

Once you've completed your degree and have two years' experience in an area of environmental practice, you may be eligible to become a Certified Environmental Practitioner through the Environment Institute of Australia and New Zealand (EIANZ). For full membership details, visit [eianz.org/membership-information/about-membership](https://eianz.org/membership-information/about-membership).

### Course structure

This 24-credit-point course consists of 18 core units, plus one minor (4 credit points) and two electives, or six elective units.

|               | Trimester 1  | Trimester 2   |
|---------------|--|---|
| <b>Year 1</b> | Ecology and the Environment<br>Environmental Techniques and Monitoring<br>Foundation for Environmental Science<br>Elective/minor   | Physical Geography<br>Environmental Sustainability<br>Elective/minor x 2  |
| <b>Year 2</b> | Society and Environment<br>Hydrology and Water Resources Management<br>Indigenous Engagement: Natural Resource Management<br>Ecotourism and Environmental Interpretation | Environmental Team Based Research<br>Environmental Planning and Impact Assessment<br>Landscapes and their Management<br>Elective/minor              |
| <b>Year 3</b> | Professional Practice<br>Managing Environmental Projects<br>Integrating Marine, Coastal and Catchment Management<br>Elective/minor                                       | Policy Instruments for Sustainability<br>Risks to Healthy Environments<br>Geographical Information Systems for Environmental Scientists<br>Elective |

► Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S398](https://deakin.edu.au/course/S398)

## Passionate about environmental change? You'll flourish in this career

We live in a world where human impact is a constant threat to our environment and biodiversity. Everywhere we look, we're confronted with its increasing loss, and this is creating unforeseen impacts on entire ecosystems. But, there are people who are fighting against the neglect – fighting for the environment.

With a career in environmental management and sustainability, you could become part of this group of people who are driven by a passion for ensuring our planet is able to remain home for us and our abundance of wildlife. Find out what Associate Professor Kelly Miller has to say on careers in environmental management and sustainability.

[this.deakin.edu.au/career/passionate-about-environmental-change-youll-flourish-in-this-career](https://this.deakin.edu.au/career/passionate-about-environmental-change-youll-flourish-in-this-career)

# Courses

|                          |       |                            |    |
|--------------------------|-------|----------------------------|----|
| Deakin code              | X123  | Online                     | O  |
| ATAR                     | 70.00 | Melbourne Burwood Campus   | B  |
| Not published            | NP    | Geelong Waterfront Campus  | WF |
| Course duration in years | 3     | Geelong Warrnambool Campus | WP |
| Trimester                | T     | Warrnambool Campus         | WB |

## Bachelor of Environmental Science (Wildlife and Conservation Biology)

S393 B 75.20 3 T1, T2, T3

Deakin's Bachelor of Environmental Science (Wildlife and Conservation Biology) gets you out of the classroom and into nature. Learn how to capture and handle native animals, measure the health of ecosystems, survey wildlife populations, develop conservation strategies and even have the opportunity to participate in our thriving Global Experience Program. Deakin is a leader in the environmental science education sector, with this specialised course being the first of its kind to be offered in Victoria.

### Careers

As a graduate of the Bachelor of Environmental Science (Wildlife and Conservation Biology), you'll be qualified for a career in wildlife conservation and management, and in environmental science more generally, and ready to take up challenging roles such as:

- conservation biologist
- conservation officer
- environmental consultant
- landscape ecologist
- park ranger
- project officer
- research scientist
- wildlife biologist
- wildlife manager
- wildlife officer.

Opportunities exist to work with wildlife, including their habitats and threats, and the policies and strategies that guide management. You could obtain these types of jobs in the private, government and not-for-profit sectors.

### Work experience

Professional Practice is a core unit that lets you complete a placement for a minimum of 80 hours within a relevant, course-related organisation. A number of elective units also help you gain extensive practical experience, including undertaking a Global Environment Placement, Industry Based Learning or a Career Placement.

[deakin.edu.au/sebe/work-integrated-learning](https://deakin.edu.au/sebe/work-integrated-learning)

### Course structure

This 24-credit-point course consists of 18 core units plus one minor (4 credit points) and two electives, or six elective units.

|               | Trimester 1   | Trimester 2  |
|---------------|---|--|
| <b>Year 1</b> | Ecology and the Environment<br>Biodiversity: A Global Perspective<br>Foundation for Environmental Science<br>Elective/minor | Physical Geography<br>Introduction to Parks and Wildlife Conservation<br>Environmental Sustainability<br>Elective/minor  |
| <b>Year 2</b> | Society and Environment<br>Wildlife Ecology<br>Environmental Botany<br>Indigenous Engagement: Natural Resource Management   | Environmental Team Based Research<br>Bushfire Management<br>Landscapes and their Management<br>Elective/minor  |
| <b>Year 3</b> | Professional Practice<br>Wildlife Conservation and Management<br>Elective/minor<br>Elective                                 | Zoological and Wildlife Field Studies<br>Australian Vegetation and Its Management<br>Geographic Information Systems for Environmental Scientists<br>Elective/minor |

▶ Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S393](https://deakin.edu.au/course/S393)

## #1 Victorian university for course satisfaction

Year on year, Deakin's students have the highest course satisfaction rate of all Victorian universities.<sup>1</sup> We've ranked this highly for the past 13 years, with our students being particularly happy with our:

- teaching
- learning resources
- student support
- skills development
- learner engagement.

<sup>1</sup> Australian Graduate Survey 2010–2015, Graduate Outcomes Survey 2016–2022, Quality Indicators for Learning and Teaching (QILT).



# Courses



'The most rewarding experiences of studying with Deakin are the hands-on opportunities that are made available to you. In my first trimester I was able to handle native animals and even microchip a brushtail possum, which are real-world skills that I hope to utilise in my future career.'

## Chloe Daws

Bachelor of Environmental Science  
(Wildlife and Conservation Biology) graduate



## Hands-on learning in the wild

First-year wildlife and conservation biology students have the opportunity to visit Cape Conran. Working with Deakin staff and our industry partners in the DELWP Southern Ark team, students catch small mammals and learn the skills involved in correct handling, identifying, sexing, and in many cases, micro-chipping of these animals. Other activities undertaken include GPS and GIS exercises, radio-tracking, camera trapping and bird surveys.



## The student experience

Hear from two of our students about the unique hands-on and global experience Deakin offers in wildlife and conservation biology at [deakin.yt/wcb](https://deakin.yt/wcb).

# Courses

|                          |             |                            |           |
|--------------------------|-------------|----------------------------|-----------|
| Deakin code              | <b>X123</b> | Online                     | <b>O</b>  |
| ATAR                     | 70.00       | Melbourne Burwood Campus   | <b>B</b>  |
| Not published            | NP          | Geelong Waterfront Campus  | <b>WF</b> |
| Course duration in years | <b>3</b>    | Geelong Warrn Ponds Campus | <b>WP</b> |
| Trimester                | <b>T</b>    | Warrnambool Campus         | <b>WB</b> |

## Bachelor of Marine Science

**S337** **WP** 66.45 **WB** 55.85 **3** T1, T2

Study marine science at Deakin where you will have access to spectacular marine environments teeming with rich biodiversity on your doorstep. Become an expert in ocean systems by exploring a broad range of disciplines, including marine biology and ecology, oceanography, marine mapping, conservation, aquaculture, fisheries, and marine and coastal management. The Bachelor of Marine Science equips you with the skills needed to create a sustainable future for the world's oceans.

### Careers

As a marine scientist, you'll gain skills across multidisciplinary areas which allow for a diverse range of career opportunities in both research and applied fields, including areas such as oceanography, marine biochemistry and biotechnology, fisheries, remote sensing, marine biology and ecology, microbiology and genomics, mathematics and economics. Further postgraduate studies, including research training, can lead to specialisation in a specific field of marine science.

### Work experience

As part of the course, you'll undertake a compulsory professional practice unit of 80–160 hours of work experience in a course-related host organisation, providing opportunities for workplace visits, field trips, industry learning and to establish valuable networks – giving you better insight into your possible career outcomes. You can also elect to undertake a discipline-specific industry placement or elective units with work-integrated learning experiences.

[deakin.edu.au/sebe/work-integrated-learning](https://deakin.edu.au/sebe/work-integrated-learning)

### Majors

- Ocean, fisheries and aquaculture sciences **WP**
- Sustainable marine management **WB**

### Course structure

This 24-credit-point course consists of 12 core units and one 6-credit-point major sequence, plus 6 credit points of elective units or a minor sequence (4 credit points) plus two electives. Students may be required to undertake cross-campus study between the Warrn Ponds and Warrnambool campuses for some units depending on the major or electives selected.

|               | Trimester 1   | Trimester 2  | Trimester 3     |
|---------------|---|--|-----------------|
| <b>Year 1</b> | Marine Environments<br>Cells and Genes<br>Chemistry in Our World                          | Ocean Processes<br>Oceans, Coasts and Climate Change<br>Major<br>Elective/minor    |                 |
| <b>Year 2</b> | Research Methods and Data Analysis<br>Marine Biology<br>Major<br>Elective/minor           | Marine Ecology<br>Marine Geographic Information Systems<br>Major<br>Elective/minor | Marine Wildlife |
| <b>Year 3</b> | Professional Practice<br>Marine Science<br>Transdisciplinary Project<br>Major<br>Elective | Major x 2<br>Elective x 2  |                 |

► Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S337](https://deakin.edu.au/course/S337)

## Leading the field

Deakin's position as a global leader in aquaculture research and innovation, marine science and fisheries has been boosted by a \$22.1 million partnership with the Victorian Government to execute three major projects in water management, aquaculture and marine science. These projects will include the AquaFI Hub, a state-of-the-art aquaculture research innovation centre at Deakin's Warrn Ponds Campus, plus an upgrade of teaching and research laboratories at the Queenscliff Marine Science Centre, establishing the facility as the flagship site for the Bachelor of Marine Science and related research.



## Award recipients for the promotion of gender equity in STEMM

Deakin has received the prestigious Athena SWAN Bronze Institution Award for its programs that encourage more women to study, research and work in Science, Technology, Engineering, Mathematics and Medicine (STEMM).

The Athena SWAN program is run by Science in Australia Gender Equity (SAGE), and the Bronze award recognises Deakin's extensive work in promoting gender equity, inclusivity and diversity.





# Courses



'The environmental science staff in particular are incredibly passionate about their research and enthusiastic to share it with students. As a result, I always have fun in classes and have learned 10 times as much as what I originally set out to.'

## **Madeline Barker**

Bachelor of Environmental Science (Wildlife and Conservation Biology) (Honours) graduate  
Vice-Chancellor's Academic Excellence Scholarship recipient

## Gain a scholarship to help you fund your degree

A Deakin scholarship is more than just a financial boost. It is our chance to acknowledge your accomplishments and reward your hard work, setting you on the path to success at university. Our extensive scholarship program includes three key scholarships:

- Vice-Chancellor's Academic Excellence Scholarship
- Deakin Scholarship for Excellence
- Deakin Student Support Scholarship.

We also offer a range of donor- and government-funded scholarships. Each is unique with differing criteria, rewarding aspiring students from diverse backgrounds.

See the full range of scholarships available at [deakin.edu.au/scholarships](https://deakin.edu.au/scholarships).

## Strong employment outcomes

Our environment graduates have pursued exciting and diverse roles in the public, private and not-for-profit sectors including in areas such as:

- agriculture
- air and water pollution
- climate change
- environmental management and sustainability
- fisheries and aquaculture
- natural resources management
- public health
- recycling
- wildlife conservation and management.

An aerial photograph of a rugged coastline. On the left, a light-colored, rocky shore with patches of green vegetation meets the sea. To the right, dark blue-green waves with white foam are crashing against the rocks. A large, semi-circular yellow graphic element is positioned in the upper right, containing text.

## Aquatic science at your fingertips

The Warrnambool Campus, Geelong Wairn Ponds Campus and Queenscliff Marine Science Centre are near a number of aquatic environments along the spectacular Great Ocean Road, offering you a unique experience. You'll access marine animals, plants and habitats, ranging from rivers, lakes and estuaries to intertidal rocky shores, mangroves, seagrass beds, open ocean and high energy sandy beaches. These all form essential components of specialist studies in marine science, freshwater biology and fisheries and aquaculture.

Understanding and managing the threats facing Australia's marine and freshwater ecosystems requires a multidisciplinary approach to research and teaching. At Deakin you'll gain an understanding of:

- aquatic animal health
- cutting-edge technologies for mapping marine habitats
- the ecology and management of coastal marine, estuarine and freshwater ecosystems
- the ecology and management of marine wildlife and fisheries
- the effects of a drying climate on ecological function and biodiversity in rivers and streams
- impacts and risk assessment of aquatic pollution
- river restoration
- sustainable aquaculture.



# Courses

|                          |             |                            |           |
|--------------------------|-------------|----------------------------|-----------|
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| ATAR                     | 70.00       | Melbourne Burwood Campus   | <b>B</b>  |
| Not published            | NP          | Geelong Waterfront Campus  | <b>WF</b> |
| Course duration in years | <b>3</b>    | Geelong Warrnambool Campus | <b>WP</b> |
| Trimester                | T           | Warrnambool Campus         | <b>WB</b> |

## Bachelor of Engineering (Honours)

Major: Environmental Engineering

**S467** **O** NEW **B** NEW **WP** NEW **4** T1, T2

Become a highly skilled graduate ready to tackle global environmental issues such as climate change, sustainability and pollution when you study the Bachelor of Engineering (Honours), majoring in Environmental Engineering at Deakin. Gain knowledge across environmental engineering industry areas including waste management, water engineering, catchment management and soil and water remediation. Develop solutions-led technical and professional skills to put you in high demand in this future-focused field.

### Work experience

You'll gain industry experience by completing a minimum of 30 to 60 days of practical work experience in an engineering workplace, developing and enhancing your understanding of the environmental engineering profession, career outcomes and the opportunity to establish valuable professional networks.

[deakin.edu.au/sebe/work-integrated-learning](https://deakin.edu.au/sebe/work-integrated-learning)

### Professional recognition

Deakin's Bachelor of Engineering (Honours) has been designed in accordance with Engineers Australia's accreditation requirements, which gives the degree international recognition, allowing graduates to practise as professional engineers in many countries around the world.

### Careers

Graduates will be in high demand in this rapidly evolving industry, addressing global issues like climate change and sustainability and water security across a range of industries such as:

- air pollution and emissions control
- catchment and natural resource management
- environmental protection
- engineering consultancy
- government departments – local, state and federal
- resources – mining, oil, gas
- waste management and recycling
- water and wastewater treatment.

NEW means new course in 2024, so ATAR is not available.





# Courses

|                          |       |                            |    |
|--------------------------|-------|----------------------------|----|
| Deakin code              | X123  | Online                     | O  |
| ATAR                     | 70.00 | Melbourne Burwood Campus   | B  |
| Not published            | NP    | Geelong Waterfront Campus  | WF |
| Course duration in years | 3     | Geelong Warrn Ponds Campus | WP |
| Trimester                | T     | Warrnambool Campus         | WB |



'The teaching and support staff at Deakin are brilliant. They each have remarkable workplace expertise that they bring to life in academic material, and coursework is built around real-world application.'

**Vaughn Mitchell**  
Environmental engineering graduate

## Bachelor of Engineering (Honours) *continued*

### Course structure

This 32-credit-point course consists of 31 credit points of core units and one elective unit.

|               | Trimester 1   | Trimester 2  |
|---------------|---|--|
| <b>Year 1</b> | Sustainable Design<br>Applied Algebra and Statistics<br>Engineering Physics<br>Elective           | Chemistry for the Professional Sciences<br>Global Environmental Systems<br>Introduction to Mathematical Modelling<br>Introduction to Programming for Engineers |
| <b>Year 2</b> | Field Investigation (2 credit points)<br>Engineering Modelling<br>Fluid Mechanics                 | Environmental Health Engineering (2 credit points)<br>Marine Geographic Information Systems<br>Quantitative Marine Science                                     |
| <b>Year 3</b> | Water Engineering Design (2 credit points)<br>Air and Noise Pollution<br>Hydrology and Hydraulics | Waste Engineering and Transformation Systems (2 credit points)<br>Environmental Planning and Impact Assessment<br>Risks to Healthy Environment                 |
| <b>Year 4</b> | Engineering Project A (2 credit points)<br>Integrated Catchment Systems<br>Professional Practice  | Engineering Project B (2 credit points)<br>Infrastructure Engineering<br>Elective  |

► Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S467](https://deakin.edu.au/course/S467)

## ▶ The student experience

Hear what students have to say about studying environmental engineering at [deakin.yt/enviro-eng](https://deakin.yt/enviro-eng).

## Receive recognition of previous qualifications or experience

With Recognition of Prior Learning (RPL), your previous study or work experience may mean you're eligible for credit towards your Deakin degree. It can reduce the number of units you need to study, so you can finish your course earlier and often more affordably.

[deakin.edu.au/rpl](https://deakin.edu.au/rpl)

# Courses

|                          |       |                            |    |
|--------------------------|-------|----------------------------|----|
| Deakin code              | X123  | Online                     | O  |
| ATAR                     | 70.00 | Melbourne Burwood Campus   | B  |
| Not published            | NP    | Geelong Waterfront Campus  | WF |
| Course duration in years | 3     | Geelong Warrnambool Campus | WP |
| Trimester                | T     | Warrnambool Campus         | WB |

## Bachelor of Science

S320 B 61.05 WP 60.00 3 T1, T2

Deakin's Bachelor of Science prepares you to enter the exciting world of scientific discovery, while allowing you to forge your own unique path by choosing from a wide range of disciplines. The course is about more than just laboratory work – it equips you for the diverse, innovation-driven real-life settings in which today's science graduates work. With this industry-led degree, you can follow your curiosity into any field of science that inspires you.

## Major

### Environmental science B

Focusing on the technical science aspects of environmental science, you'll gain an understanding of environmental studies on the geosphere, hydrosphere, atmosphere and biosphere.

[deakin.edu.au/course/S320](https://deakin.edu.au/course/S320)

## Honours in science

The Bachelor of Science (Honours) offers you a deep understanding of your chosen discipline through research exploration. Choose further studies in biology, chemistry or mathematics.

[deakin.edu.au/course/S400](https://deakin.edu.au/course/S400)

## The student experience

Fieldwork is integral to our environment courses. Hear what our students have to say about studying environmental management, sustainability, and wildlife and conservation biology at [deakin.yt/study-enviro](https://deakin.yt/study-enviro).



# Courses



'In my honours year, I contributed to the Grampians Long Term Small Mammal Project. My research involved working directly with Parks Victoria and contributing to fire management and biodiversity goals for the region. It's been fantastic to contribute to the overall knowledge and practical management of the environment.'

## Cara Penton

Bachelor of Environmental Science  
(Wildlife and Conservation Biology) graduate

## Honours in environment

The Bachelor of Environmental Science (Honours) leads to a range of career paths and a deep understanding of your chosen discipline through research exploration in areas like:

- behaviour, ecology, evolution and ecophysiology
- ecological risk assessment
- environmental management and sustainability
- fisheries and aquaculture
- marine and freshwater biology
- wildlife and conservation biology.

The coursework component of the honours program offers you essential theoretical knowledge underpinning robust research, while the research project develops the practical skills necessary to investigate an area of interest through research exploration.

You'll have the support and supervision of our experienced staff throughout your honours program, and will graduate with skills that give you a competitive edge in the job market and an ideal pathway to further study and research.

[deakin.edu.au/course/S494](https://deakin.edu.au/course/S494)

## Award-winning university career service<sup>1</sup>

DeakinTALENT will prepare you to secure the jobs of tomorrow. Our award-winning service is available to you from day one and will support you for the rest of your career. You'll have lifetime access to career coaching, industry networking opportunities and a comprehensive suite of digital resources helping you develop the most employable version of yourself.

[deakintalent.deakin.edu.au](https://deakintalent.deakin.edu.au)

<sup>1</sup> Australian Graduate Recruitment Industry Awards 2017, 2018, 2019, 2020 winner for most popular career service in Australia; Employability award, 2021 Australian Financial Review Higher Education Awards.



| Course and entry requirements   | Campus and ATAR                                     | Course duration | Trimester intakes | Indicative domestic fee <sup>1</sup> | Indicative international fee <sup>1</sup> |
|---|---|-----------------|-------------------|--------------------------------------|---|
| <b>Bachelor of Environmental Science (Environmental Management and Sustainability)   S398</b><br><a href="https://deakin.edu.au/course/S398">deakin.edu.au/course/S398</a> <sup>2</sup><br><b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 20 in English other than EAL or at least 25 in English (EAL).<br><b>[NY12]</b> <sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.   | <b>[B]</b> 60.20                                    | 3               | T1, T2            | \$8989                               | \$38,200                                  |
| <b>Bachelor of Environmental Science (Wildlife and Conservation Biology)   S393</b><br><a href="https://deakin.edu.au/course/S393">deakin.edu.au/course/S393</a> <sup>2</sup><br><b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 20 in English other than EAL or at least 25 in English (EAL).<br><b>[NY12]</b> <sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.   | <b>[B]</b> 75.20                                    | 3               | T1, T2, T3        | \$8757                               | \$38,200                                  |
| <b>Bachelor of Marine Science   S337</b><br><a href="https://deakin.edu.au/course/S337">deakin.edu.au/course/S337</a> <sup>2</sup><br><b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 20 in English other than EAL or at least 25 in English (EAL).<br><b>[NY12]</b> <sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.  | <b>[WP]</b> 66.45<br><b>[WB]</b> 55.85              | 3               | T1, T2            | \$8074                               | \$38,200                                  |
| <b>Bachelor of Science   S320</b><br><a href="https://deakin.edu.au/course/S320">deakin.edu.au/course/S320</a> <sup>2</sup><br><b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 20 in English other than EAL or at least 25 in English (EAL).<br><b>[NY12]</b> <sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.   | <b>[B]</b> 61.05<br><b>[WP]</b> 60.00               | 3               | T1, T2            | \$8005                               | \$38,200                                  |
| <b>Bachelor of Engineering (Honours)   S467</b><br><a href="https://deakin.edu.au/course/S467">deakin.edu.au/course/S467</a> <sup>2</sup><br><b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 20 in English other than EAL or at least 25 in English (EAL) and a study score of at least 20 in one of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.<br><b>[NY12]</b> <sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.   | <b>[O]</b> NEW<br><b>[B]</b> NEW<br><b>[WP]</b> NEW | 4               | T1, T2            | NEW                                  | NEW                                       |
| Related courses   |   |                 |                   |                                      |   |
| <b>Bachelor of Arts/Bachelor of Science   D311</b><br><a href="https://deakin.edu.au/course/D311">deakin.edu.au/course/D311</a> <sup>2</sup><br><b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 20 in English other than EAL or at least 25 in English (EAL).<br><b>[NY12]</b> <sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.  | <b>[B]</b> 72.80<br><b>[WP]</b> 68.60               | 4               | T1, T2, T3        | \$10,847                             | \$38,200                                  |
| <b>Bachelor of Commerce/Bachelor of Science   D321</b><br><a href="https://deakin.edu.au/course/D321">deakin.edu.au/course/D321</a> <sup>2</sup><br><b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 20 in English other than EAL or at least 25 in English (EAL).<br><b>[NY12]</b> <sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.  | <b>[B]</b> 81.05                                    | 4               | T1, T2, T3        | \$11,914                             | \$38,200                                  |
| <b>Bachelor of Science/Bachelor of Laws   D331</b><br><a href="https://deakin.edu.au/course/D331">deakin.edu.au/course/D331</a> <sup>2</sup><br><b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.<br><b>[NY12]</b> <sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.  | <b>[B]</b> 92.40                                    | 5               | T1, T2            | \$12,090                             | \$40,200                                  |
| <b>Bachelor of Science/Master of Teaching (Secondary)   D304</b><br><a href="https://deakin.edu.au/course/D304">deakin.edu.au/course/D304</a> <sup>2</sup><br><b>[Y12]</b> <sup>3,4,6</sup> VCE units 3 and 4 – a study score of at least 20 in English other than EAL or at least 25 in English (EAL).<br><b>[NY12]</b> <sup>4,5,6</sup> As for Year 12 or equivalent; see webpage for further information.  | <b>[B]</b> 66.60                                    | 4               | T1                | \$7595                               | \$38,200                                  |
| <div> <div> 1 The 2023 indicative domestic/Commonwealth Supported Place (CSP) fees and the indicative international fees are based on a typical enrolment of two trimesters of full-time study, or 8 credit points, unless otherwise indicated. These fees should be used as a guide only and are subject to change in 2024. The fees displayed do not reflect the entire cost of the course if it's completed over a number of years and do not include the Student Services and Amenities Fee or course-related equipment costs.<br/> 2 Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more.<br/> 3 Recent secondary education applicants include current Year 12 students in 2023, as well as Year 12 graduates from 2022 and 2021. </div> <div> 4 International student entry requirements can be found at: <a href="https://deakin.edu.au/international-students">deakin.edu.au/international-students</a>.<br/> 5 For information about non-Year 12 applicant categories and associated admission requirements, please refer to the individual course webpage.<br/> 6 There is a two-step admissions process for combined courses, plus all applicants must successfully complete the Casper test; see course webpage for full details.<br/> NEW means new course in 2024, so ATAR/indicative fees are not available. </div> </div> |   |                 |                   |                                      |   |
| <div> <div> Recent secondary education<br/>Non-Year 12 </div> <div> <div>Online <b>[O]</b></div> <div>Melbourne Burwood Campus <b>[B]</b></div> <div>Geelong Waterfront Campus <b>[WF]</b></div> <div>Geelong Warrn Ponds Campus <b>[WP]</b></div> <div>Warrnambool Campus <b>[WB]</b></div> </div> </div>  |   |                 |                   |                                      |   |

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[youthcentral.vic.gov.au](https://youthcentral.vic.gov.au)

**this.**

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and Waurin Ponds  
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