



•STUDENT•
PROFILE

*Kate Churven
Bachelor of Environmental Science
(Environmental Management)
Completed: 2009
Currently: Natural Values Manager,
Parks Victoria*

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'The environment has always been my biggest interest and concern. I am passionate about ensuring the natural environment remains intact for future generations.

I chose to study at Deakin because it's a progressive university with great industry contacts. During my course I was able to undertake invaluable field work in tutorials and on field trips . . . I also enjoyed the guest lecturers who were all industry professionals.

My degree has given me clear direction and structure to gain employment in the environmental sector. It has also equipped me with the necessary skills for the job.'



Environment

As our world becomes increasingly focused on issues of sustainability there is a growing demand for professionals who comprehend, analyse and manage environmental issues and problems.

Whether you'd like to conserve animals and plants for future generations, study diverse marine ecosystems or contribute to environmental management and sustainability, Deakin's land or water-based environment courses offer you a range of exciting choices.

Our courses take you out of the classroom and into the field to gain important practical skills. This experience, combined with sound theoretical knowledge, provides you with the crucial mix of skills that is highly valued by employers.

Deakin's Environment programs cover the biological, ecological, physical, social, economic and political worlds. By developing an in-depth understanding of how these interact, you will have the opportunity to make a significant and positive contribution to a range of environmental issues and challenges.

Diverse and unique courses

Deakin offers you a choice of courses which allows you to follow your interests and passions: Freshwater Biology and Management, Marine Biology, Wildlife and Conservation Biology, and Environmental Management.

Our Marine Biology program is the only stand-alone marine biology course in Victoria and is located at Deakin's Warrnambool Campus on the Great Ocean Road coastline. The course has a strong ecological focus, linking biological and oceanographic processes in the study of marine environments.

Freshwater Biology and Management is the only course offered in Australia that has a core focus on the management of freshwater resources and on aspects of freshwater biology, and you will learn in the unique freshwater environment that surrounds Warrnambool.

Our Wildlife and Conservation Biology course was the first to be offered in Victoria with a major focus in this area and concentrates on 'real-world' problem solving and applied solutions to wildlife and conservation issues. Finally, Deakin's long-running Environmental

Management course blends management with science to provide a basis for developing a career in many different fields such as wildlife management, coastal and marine management, environmental sustainability, natural resources management, environmental protection, and environmental policy and planning.

Hands-on experience

Fieldwork is a feature of Deakin's Environment courses. You will benefit from the experience that only field trips can provide and have the opportunity to gain 'real' field-based – and job-ready – skills.

Our Work-Integrated Learning Program will also enable you to incorporate a full or part-time industry placement as part of your degree.

Outstanding facilities

Facilities that support our environment programs include a Geographic Information Systems (GIS) lab, wildlife tracking technology, fish culture facilities and a NATA-accredited water quality laboratory and high-tech research labs. The study of marine biology allows you to experience the environment first-hand through state-of-the-art equipment, including research vessels and remotely-operated underwater vehicles which beam images back to the boat as they are being generated on the sea floor down to 100 metres depth.

More than just a job

Deakin is the market leader in environment courses in Victoria and, as a graduate, you will be highly sought-after by government, industry and environmental organisations in areas such as wildlife conservation and management, marine biology, environmental management and sustainability, aquaculture, and natural resources management.



Environment

Bachelor of Environmental Science (Environmental Management) 3 B

Deakin code	VTAC code	Indicative first year fee ¹	ATAR
S398	16461 (CSP)	\$5860 (CSP)	71.25
Year 12 prerequisites	VCE units 3 and 4 – a study score of at least 25 in English (ESL) or 20 in any other English.		
Non-Year 12 requirements	VTAC Pi form.		

The Bachelor of Environmental Science (Environmental Management) provides you with the skills and knowledge to manage the interaction between people and the environment, and to satisfy society's needs for clean water, fresh air and healthy soils through the sustainable use of natural resources, environments and ecosystem services.

You can design your own career direction in environmental management by choosing elective units in areas such as wildlife management, coastal and marine management, and environmental sustainability.

From the beginning of the course, you will be in touch with the environment industry through involvement with local councils, community groups and businesses that deal with environmental health issues like pollution control, recycling and ecotourism.

An honours year is available upon the completion of this degree, which can provide you with a competitive edge in the job market or a pathway into a higher degree.

Career opportunities

You may choose to pursue opportunities in a wide variety of careers such as environmental planning, environmental policy, sustainability, environmental protection, climate change adaptation and mitigation, industry-based environmental management, waste management, human dimensions of environmental management, environmental education, catchment management, water resource management, land rehabilitation, pollution control, environmental science, conservation, and coastal and park management.

Bachelor of Environmental Science (Freshwater Biology and Management) 3 W

Deakin code	VTAC code	Indicative first year fee ¹	ATAR
S382	18121 (CSP)	\$4360 (CSP)	50.05
Year 12 prerequisites	VCE units 3 and 4 – a study score of at least 25 in English (ESL) or 20 in any other English.		
Non-Year 12 requirements	VTAC Pi form.		

Deakin's Bachelor of Environmental Science (Freshwater Biology and Management) provides theoretical and practical expertise in a range of biological, ecological and environmental processes and issues in the freshwater environment.

You will gain knowledge, understanding and skills in the interdisciplinary study of freshwater organisms and their interactions with the living and non-living environment, the influence of biotic, physical and chemical processes on the dynamics of freshwater ecosystems; and the impacts of humans on, and management of, the freshwater environment and its resources.

Fieldwork, practical experience and an industry placement will prepare you for a rewarding career.

An honours year is available upon the completion of this degree, which can provide you with a competitive edge in the job market or a pathway into a higher degree.

Career opportunities

Career opportunities for graduates of this course include fishery officer, laboratory technician, food laboratory technician, pest management officer, local government environmental officer, aquaculture manager, aquatic ecologist, environmental planner, water diversions planning officer, as well as moving into research or pursuing postgraduate study.

Bachelor of Environmental Science (Marine Biology) 3 W

Deakin code	VTAC code	Indicative first year fee ¹	ATAR
S399	18041 (CSP)	\$4360 (CSP)	51.05
Year 12 prerequisites	VCE units 3 and 4 – a study score of at least 25 in English (ESL) or 20 in any other English.		
Non-Year 12 requirements	VTAC Pi form.		

Deakin's Bachelor of Environmental Science (Marine Biology) will provide you with a unique opportunity to study temperate marine biology, in a marine environment that has some of the highest biological diversity in Australia.

You will undertake fieldwork in natural marine environments on the Victorian coast throughout the course, providing an exciting and hands-on program of study.

You can also experience the environment first hand through state-of-the-art, remotely operated underwater vehicles which beam images back to the boat, as they are being generated on the sea floor. The experience brings the marine environment to life, giving you the opportunity to participate in activities like identifying marine plants and animals as the underwater vehicle runs across a reef or along the seabed. An integral part of the course is the study of marine wildlife and the influence of oceanographic processes.

The course is ideally located at Deakin's Warrnambool Campus nearby to multiple marine environments.

An honours year is available upon the completion of this degree, which can provide you with a competitive edge in the job market or a pathway into a higher degree.

Career opportunities

The combination of knowledge and skills gained from this course will place you among the most employable Environmental Science graduates both in Australia and internationally.

Career opportunities for graduates of this course include marine biology tour guide, fishery officer, marine biology consultant, laboratory technician, local government environmental officer, aquaculture manager, sustainability project officer as well as moving into research or pursuing postgraduate study.



KEY

- 3** Course duration
- B** Melbourne Campus at Burwood
- F** Geelong Waterfront Campus
- G** Geelong Campus at Waurn Ponds
- W** Warrnambool Campus
- X** Off campus

Bachelor of Environmental Science (Wildlife and Conservation Biology) **3 B**

Deakin code	VTAC code	Indicative first year fee ¹	ATAR
S393	14171 (CSP)	\$5490 (CSP)	80.85
Year 12 prerequisites	VCE units 3 and 4 – a study score of at least 25 in English (ESL) or 20 in any other English.		
Non-Year 12 requirements	VTAC Pi form.		

Deakin's Bachelor of Environmental Science (Wildlife and Conservation Biology) is designed to provide theoretical and practical expertise in a range of discipline areas, such as wildlife ecology, landscape and vegetation management, biodiversity and conservation, animal biology and park management.

Content will focus on 'real-world' problem-solving and practical solutions to wildlife and conservation issues. Field-based experiences and industry placement opportunities prepare you for an exciting career.

An honours year is available upon the completion of this degree, which can provide you with a competitive edge in the job market or a pathway into a higher degree.

Career opportunities

You will be qualified for a career in wildlife conservation and management, and environmental science, and ready to take up challenging roles such as wildlife officer, conservation officer, wildlife manager, park ranger, project officer, research scientist, wildlife biologist, conservation biologist or landscape ecologist.

Science and Technology (Dean's Scholars Program)

You may apply for the Dean's Scholars Program. For more information see page 93.

See also

Related course

Bachelor of Science – environmental science major, page 93.

More information on Environment



2012 Undergraduate Environment Career Booklet

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www.deakin.edu.au/scitech/les

For the latest information about new courses at Deakin University, please visit www.deakin.edu.au.

- ¹ The indicative first year fee is an approximate indication of the cost of this course in the first year of full-time study for a Commonwealth Supported Place. We can't specify the exact figure, because fees are charged per unit, not per course, so the actual fees may vary depending on what units you choose to study.

The fees quoted in this book are for Australian students in 2011, and may change for 2012 and later years. You can find more information about fees on our web site www.deakin.edu.au or page 103. For information on fees for international students, please visit www.deakin.edu.au/international.



Deakin's Environment students get a variety of opportunities to undertake fieldwork.

