BACHELOR OF OUTDOOR EDUCATION AND ENVIRONMENTAL SCIENCE

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Nature Based Outdoor Economy

- $7.4 billion: Value to the Victoria Economy
- 71,000 fulltime jobs: Employment in Victoria
- 46 million: Number of times Victorians did nature-based outdoor activities in Victoria
- $265 million: Avoided costs to Victorian healthcare system attributable to nature-based outdoor activities
- 2.5 million: Public, catholic and private school nature-based outdoor activity days
- Key Sectors:
  - Outdoor Education
  - Outdoor Sport and Recreation
  - Bush Adventure Therapy
  - Ecotourism

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Course Overview

To attain the Bachelor of Outdoor Education and Environmental Sciences, students will be required to complete 288 credit points consisting of:

- 96 credit points First Year Core units
- 192 credit points Professional Core units

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Course Overview

First Year Core Units

- Biology 1: Credits12
- Biology 2: Credits12
- Community Building for Sport and Active Recreation: Credits12
- Introduction to Adventure in Sport and Active Recreation: Credits12
- Aboriginal Traditions and Policy: Credits12
- Global Environmental Issues: Credits12
- Interpersonal Skills and Communication: Credits12
- Introduction to Sport and Active Recreation: Credits12

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Course Overview

Professional Core Units (2nd Year)

- Australian Landscapes and Biota: Credits12
- Fundamentals of Ecology: Credits12
- Australian Plants: Credits12
- Australian Animals: Credits12
- Theory and Instruction of River Craft: Credits12
- Foundations of Outdoor Education and Adventure Sports: Credits12
- Bushwalking Leadership: Credits12
- Safety in the Outdoors: Credits12

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Course Overview

Professional Core Units (3rd Year)

- Conservation Genetics: Credits12
- Marine & Freshwater Ecology: Credits12
- Environmental Rehabilitation: Credits12
- Conservation and Sustainability: Credits12
- Expedition Leadership: Credits12
- Outdoor and Environmental Philosophy: Credits12
- Environmental Inquiry, Sustainability and Communities: Credits12
- Leadership in the Outdoors: Credits12

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Science-based Foundation

Students acquire a solid, science-based foundation, along with skills and understanding in:

- adventure activities
- community building
- conservation, ecology and sustainability
- group and resource management
- leadership
- indigenous knowledge
- risk and safety.

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Field-based Components

Throughout the degree there are numerous field-based components designed to grow understanding of outdoor environments.

Students explore ways to move through the natural environment, ways to understand and experience it, and ways to help others enjoy and appreciate it.

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Industry-based Qualifications

External industry-based qualifications, including:

- Wilderness First Aid
- White-water Raft Guide (grade 3)
- Flatwater Canoe Instructor
- Bushwalking Guide.

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Careers

Our outdoor education and environmental science degree opens up a range of possibilities for work in the great outdoors:

- environmental educator
- outdoor educator
- outdoor adventure guide, instructor or facilitator
- park ranger
- teaching (with additional Master of Teaching (Secondary Education))
- scientific roles in organisations such as the CSIRO
- land management roles with organisations such as National/State Parks, Local Catchment Management Authorities (CMAs), Local Councils and Department of Environment, Land Water and Planning (DELWP)
- eco and adventure tourism.

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Learning outcomes

On successful completion of this course, students will be able to:

1. Integrate knowledge and skills from the outdoor education, general science and environmental science disciplines to become a leader in their area of expertise;
2. Develop and design evidence-based practice in outdoor education and environmental science to support a diverse range of individual, group, community and stakeholder needs;
3. Analyse and synthesise information gathered from outdoor education and environmental science research to develop knowledge and understanding of professional identity and discipline specific requirements and as a basis for independent lifelong learning;
4. Evaluate and apply information to creatively solve problems related to professional practice in outdoor education and environmental science;

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Learning outcomes

On successful completion of this course, students will be able to:

5. Work as an independent and collaborative professional who can clearly and coherently communicate outdoor education and environmental science knowledge and ideas;
6. Analyse and evaluate a diverse range of policies and procedures to enable the safe delivery and implementation of field based programs across the outdoor education and environmental science disciplines; and
7. Develop skill specific knowledge and technique in a broad range of outdoor adventure activities to use as a platform for the development of meta-skills related to outdoor education and environmental science.

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Future Developments

- Outdoor Education Leadership
  - Industry delivered skill competency development
  - Embedded Industry Placements / Internships
  - Direct Employment outcomes

- Health and Wellness

- Tourism and the Visitor Economy

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