

ENTRY REQUIREMENTS

Minimum university entry requirements apply. Applicants with no prior knowledge can undertake a life sciences bridging course, available in the summer semester.

FOR MORE INFORMATION

Full details of courses are published annually in the University of Tasmania *Course and Unit Handbook*. Go to the University's website www.utas.edu.au/handbooks

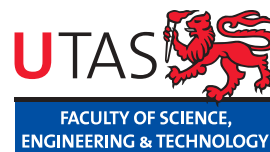
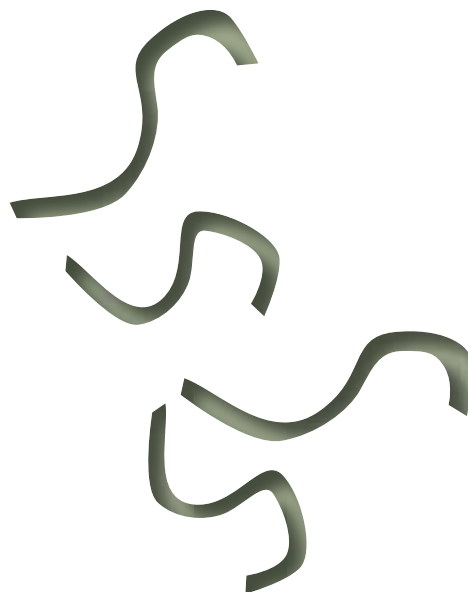
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Natural Environment & Wilderness Studies



FACULTY OF SCIENCE, ENGINEERING & TECHNOLOGY



School of Geography & Environmental Studies
CRICOS Provider Code: 00586B

The Faculty of Science, Engineering and Technology encourages applicants from all equity groups.

0707q March 2005

UNIVERSITY OF TASMANIA

DID YOU KNOW
that the *Tasmanian Wilderness World Heritage Area* covers 1.38 million hectares – approximately 20% of the island of Tasmania?



NATURAL ENVIRONMENT AND WILDERNESS STUDIES

Tasmania has been a focus of national and international debate about the natural environment and wilderness over the past thirty years. The University of Tasmania is well-positioned to offer specialist and interdisciplinary courses in this area. Some courses concentrate on technical and scientific skills, while others are more concerned with relations between people and the environment. Areas of study include:

- ecosystem pattern and process
- ecosystem and wilderness management
- cultural heritage management in natural areas
- information systems in natural area management
- philosophy, sociology and politics of natural areas
- protected area management

CAREER OPPORTUNITIES

Opportunities for employment exist within the following:

- local, state and federal government agencies
- nature-based and eco-tourism industries
- environmental organisations
- resource-based industries such as forestry
- parks and wildlife agencies

WHAT MAKES US DISTINCTIVE?

- The Tasmanian Wilderness World Heritage Area is close at hand and serves as a natural laboratory.
- The School teaches comprehensive programs in environmental studies from ethics to ecology. Our courses include geography, environmental studies, wilderness and protected area management, and geographic information systems.

COURSE OPTIONS

There are four ways to undertake study in the natural environment and wilderness depending on your related interests.

1. Bachelor of Natural Environment and Wilderness Studies and Bachelor of Natural Environment and Wilderness Studies (Honours)

A degree that uses Tasmania as its natural and social laboratory. Taking three years for the bachelor degree and four years for the honours degree, students gain a broad understanding of the natural environment and wilderness, while being able to specialise in their areas of interest. Students can choose from a diverse range of study areas, for example: botany, zoology, geography, environmental studies, wilderness management, geology, sociology, philosophy and tourism.

The program develops a wide range of employable skills in:

- communication
- data collection
- analysis
- information retrieval, manipulation and presentation

The honours year involves a research project related to natural environments and/or wilderness under expert supervision in any appropriate school of the University.

The course is offered internally from Hobart and Launceston with some first-year units available at the Cradle Coast campus.

2. Bachelor of Science, Natural Environment and Wilderness Management, four-year honours program

A tailored program with core units in Geography and Environmental Studies, Plant Science and Zoology as part of the Bachelor of Science. In addition, students can choose

units from geology, chemistry, fine arts, sustainable resource management and sociology. In fourth year, students produce an honours research thesis relevant to natural environment and wilderness management. Students not proceeding to the honours year graduate with a Bachelor of Science.

3. Bachelor of Arts, majoring in Natural Environment and Wilderness Studies

Gives students the opportunity to concentrate more on the social and political aspects of natural environment and wilderness management. For students interested in urban and regional planning, subjects in administration, political science and sociology can be beneficial.

4. Bachelor of Science or Bachelor of Arts, majoring in Geography and Environmental Studies

The School of Geography and Environmental Studies offers a wide range of courses in human and physical geography, environmental studies, and spatial information science. Students interested in life and earth sciences commonly include units in geography, zoology, plant science and geology at first-year level. Students interested in specialising in climatology or remote sensing are encouraged to develop a background in geography, computer science, mathematics and physics.

POSTGRADUATE STUDY

Natural environments and wilderness are major research and teaching specialisations within the School of Geography and Environmental Studies. The School has a large and diverse postgraduate student body. Opportunities also exist to pursue research higher degrees at masters and doctoral levels. The School offers a Graduate Diploma and Graduate Certificate in Natural Environmental Management.