

ENTRY REQUIREMENTS

Minimum university entry requirements apply, including Chemistry CHM5C and either Mathematics - Applied MAP5C or Mathematics - Methods MME5C. Chemistry and mathematics bridging units are offered during the summer semester.

FOR MORE INFORMATION

Full details of courses are published on the UTAS website www.utas.edu.au/courses

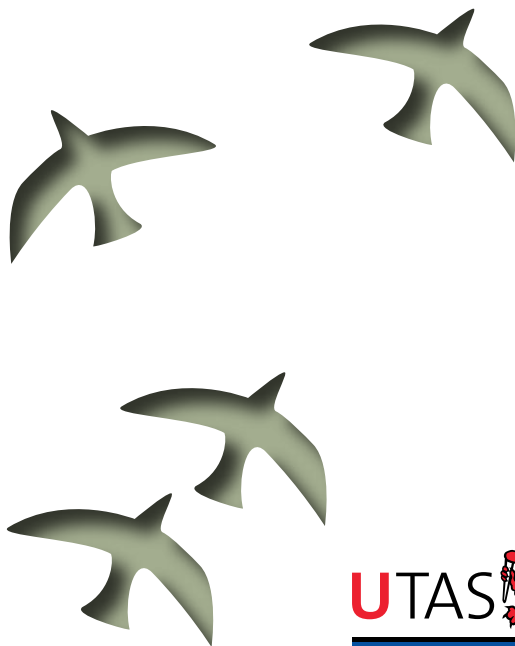
OR CONTACT

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Forest Ecology



FACULTY OF SCIENCE, ENGINEERING & TECHNOLOGY



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School of Plant Science

CRICOS Provider Code: 00586B

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

UNIVERSITY OF TASMANIA

DID YOU KNOW
that a Huon pine tree
in the south-west wilderness is
estimated to be 4,000 years old?



FOREST ECOLOGY

A four-year Bachelor of Science with Honours course

Interest in forest ecology has always been strong in Australia, particularly in Tasmania. Here you have access to open dry sclerophyll woodland, tall wet sclerophyll forests, rainforests and montane forests – perfect for the forest ecologist!

The four-year special program produces graduates who have the ability to formulate and undertake research programs that will add significantly to our understanding of Australia's forest ecology, ensuring that our forests are managed sustainably.

CAREERS IN FOREST ECOLOGY

This course is suitable for students who are interested in receiving scientific training in forest ecology. Students who are interested in the managerial aspects of forestry should consider the Bachelor of Forest Science.

You will graduate with a very strong scientific background and will be well-equipped to compete for jobs in a wide range of forestry-related organisations across Australia – particularly for research positions.

WHAT MAKES US DISTINCTIVE?

- The School is within close proximity to historic Gondwana forests.
- The Cooperative Research Centre for Sustainable Production Forestry is on campus in Hobart, and has resulted in strong links being developed between the University, CSIRO Forestry, Forestry Tasmania and other major forest companies in southern Australia.

COURSE CONTENT

Within the Bachelor of Science degree framework, the four-year special program in forest ecology comprises:

Year 1

Biology of Plants (12.5%)* and Cell Biology, Genetics & Evolution (12.5%)*

Biology of Animals (12.5%)* and Ecology (12.5%)*

Data Handling & Statistics (12.5%)*

and the balance (37.5%) from Chemistry, Computer Science, Geography, Geology or Mathematics

Year 2

Plants in Action (12.5%)* and Genetics & Evolution (12.5%)*
and the balance (75%) from selected units including Plant Science, Zoology, Agriculture, Biochemistry, Microbiology, Geography and Statistics

Year 3

Field Botany (12.5%)*

Plant Ecology (12.5%)*

Genetics (12.5%)*

Plant Science Research (12.5%)*

either Molecular Evolution or Quantitative Methods in Biology plus three other units (each 12.5%) from the following list:

Insect Diversity & Function

Introduction to Plant Diseases

Fundamentals of Soil Science

Insect Ecology & Behaviour

Agricultural & Forest Pathology

Soil & Land Resources

Plant Biodiversity

Vegetation Management

Environmental Impact Assessment

*compulsory units

Year 4 (honours)

Forest Ecology (full-time/or part-time)

Includes a research project, a literature-based review and seminar attendance.

POSTGRADUATE STUDY

The School of Plant Science has an excellent and widely recognised record in research. Students who successfully complete honours may proceed to either a Master of Science or a Doctor of Philosophy.