



# Help protect **animals** in their natural habitat

## Bachelor of Animal Ecology

Want to learn about how animals are impacted by the environment and human interaction and what we can do to protect their future? Develop your analytical and research skills to better understand how to conserve and manage animals. The program will build your knowledge of animal conservation, biodiversity and animal behaviour.

Hands-on experience starts in your first year with fieldwork to North Stradbroke Island and your local region. During the program, you'll work with leading researchers on field trips and in the laboratory, thus delivering work-ready graduates who are able to blend concepts gleaned from the global literature with personal experience of a diversity of regional habitats and fauna.

In your final year you can also further develop your research skills in a specialised area by undertaking a guided research project in Animal Ecology, working as an intern animal ecologist as part of your studies, or taking advantage of opportunities to travel abroad.

As an animal ecologist, your career paths include natural resource and environmental protection agencies, private environmental consultancies and research institutes. Many animal ecologists also pursue opportunities outside the science and health sectors in business, finance, education and sales.

### Career opportunities

Career opportunities will be available across a range of areas both in Australia and internationally, including:

animal ecology specialists in private environmental consulting researchers, research assistants and managers in Government and non-governmental agencies; rangers and managers in wildlife management and conservation organisations; practitioners in environmental monitoring and management; collectors and curators in museums; environmental educators; specialist ecotourism guides; and researchers and lecturers at universities.

Graduates will be eligible to become members/associate members of:

- Ecological Society of Australia
- Environmental Institute of Australia
- Australian Mammal Society
- Australian Marine Science Association
- Society for Conservation Biology
- Australian Wildlife Management Society
- Australian Physiological Society

### MORE INFORMATION

Contact the International Office  
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[usc.edu.au/sc320](http://usc.edu.au/sc320) | CRICOS code: 085714G

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 30 November 2021  
Note: Study options and semester of offer can vary depending on the study location. For full details, visit [usc.edu.au](http://usc.edu.au).



Rise, and shine.

## PROGRAM STRUCTURE

### Introductory courses (8) 96 units

**ANM100** Animal Ecology Field Course

**ANM102** Endangered Animals and their Conservation

**ANM103** Animal Form, Function and Evolution

**ANM104** Marine Vertebrates: Sharks, Seabirds, Fish, Turtles and Whales

**SCI102** Biodiversity and Ecology

**SCI110** Science Research Methods

**SCI113** Discovering Science

PLUS select 1 course (12 units) from:

**LFS100** Cell Biology

**LFS103** Introductory Bioscience

### Developing and Graduate courses (10) 120 units

**ANM201** Animal Ecophysiology

**ANM203** Statistics with Teeth: Understanding Ecological Data

**ENS213** Invertebrate Biology and Ecology

**ENS222** Terrestrial Vertebrate Diversity and Ecology

**ENS282** Coastal and Marine Ecology

**ANM301** Animal Behaviour

**ANM302** Global-Change Ecology

**ENS316** Wildlife Ecology and Conservation

**ENS317** Coastal Conservation Planning

PLUS select 1 course (12 units) from:

**ENS330** K'gari-Fraser Island Field Studies

**ENS333** Special Field Studies Topic

**SRP301** Special Research Project

**WPL310** Workplace Learning I

### Elective courses (6) 72 units

Select 6 elective courses (72 units) from the undergraduate elective course options, at least 4 of which (48 units) must be developing and graduate level (200/300 coded).

Note: Program structures are subject to change. Not all USC courses are available on every USC campus.