



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 USC International
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usc.edu.au/sc320 | CRICOS code: 085714G

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 18 January 2021
Note: Study options and semester of offer can vary depending on the study location. For full details, visit 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
LFS100 Cell Biology
SCI102 Biodiversity and Ecology
SCI110 Science Research Methods
SCI113 Discovering Science

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.