

# Bachelor of Environmental Science



LOCATION	ENTRY THRESHOLD	QTAC CODE	START
Sunshine Coast	50.00	013011	Semester 1, Semester 2
Moreton Bay	50.00	014011	Semester 1, Semester 2

Help businesses and governments understand and make informed decisions about preserving natural ecosystems and resources, balancing the needs of humans and nature. Learn about plant ecology, chemistry, hydrology, soil rehabilitation, climate change, coastal studies, geospatial sciences and conservation and restoration. Study the interaction between natural and human-managed environments and develop skills in environmental monitoring and advanced research methods.

In this program you will:

- Develop skills in advanced research methods
- Use spatial analysis and drones to gain industry-ready skills
- Participate in field trips to USC research sites
- Learn to solve complex environmental problems
- Choose an area of interest from options including Environmental Management, Sustainability and more

Career opportunities

- Restoration and conservation
- Parks and wildlife
- Resource management
- Waste and pollution control
- Catchment management agencies
- Environmental consultant

Duration

3 years

Full-time or equivalent part-time

Indicative 2024 fees

A\$11,710 - 2024 Fees (CSP)

Fees are indicative only and will change based on courses selected and are subject to yearly increases

Recommended prior study

English; Maths Methods or Specialist Maths; and at least one or more science subjects

Delivery mode

Blended Learning

Total courses

24

Total units

288

UniSC program code

SC316

## Program structure

Introductory courses (5) 60 units

ENS103 Earth's Surface Processes

SCI102 Biodiversity and Ecology

SCI105 Introductory Chemistry

SCI110 Science Research Methods

SCI113 Discovering Science

Developing and Graduate courses (11) 132 units

ENS221 Plant Diversity and Ecology

ENS222 Terrestrial Vertebrate Diversity and Ecology

ENS224 Soil Properties, Processes and Rehabilitation

ENS242 Weather and Climate

ENS253 Geographic Information Science and Technology

GEO201 Hydrology and Geomorphology

ENS321 Restoration Ecology

ENS325 Population Ecology and Genetics

GEO302 Coastal Geomorphology

[usc.edu.au/sc316](https://usc.edu.au/sc316)

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Study options and teaching period of offer can vary depending on the study location. For full details, visit [usc.edu.au](https://usc.edu.au).

PLUS select 1 course (12 units) from:

ANM203 Statistics with Teeth: Understanding Ecological Data

SCI202 Advanced Research Methods and Statistics

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

Minor (4) 48 units

- Agriculture and Aquaculture
- Coastal and Marine Environments
- Environmental Health
- Environmental Management
- Geospatial Analysis
- Restoration and Conservation
- Sustainability

Elective courses (4) 48 units

Select 4 elective courses (48 units) from the undergraduate elective course options.

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

A program may not be offered in full at each location