



# Design

systems for and manage human interaction with the environment

## Bachelor of Engineering (Civil) (Honours) / Bachelor of Environmental Science

Gain a broad foundation in civil engineering and environmental sciences, and learn how to design systems that anticipate and manage the way humans interact with the environment.

During the program, you'll build your expertise in areas including environmental management, planning and restoration, managed ecosystems and marine science.

At the end of your studies you will have the scientific skills needed to make judgements on the conservation and use of Australia's natural ecosystems and resources.

In this program you will:

- Complete more than 60 days of work experience
- Learn about the creative nature of engineering
- Develop skills in problem-solving, teamwork and communication
- Gain technical, business management and scientific environmental knowledge
- Attain Engineers Australia graduate status

### Exemption for first year Mathematics

Students who enter the program having achieved a 'Very High Achievement' in Maths C in secondary school may be eligible for an exemption for **MTH103** Introduction to Applied Mathematics and may also be eligible for an exemption to **MTH104** Introductory Calculus on application. Students who are exempted from one or two courses will need to substitute one or two engineering relevant

courses in order to fulfil the requirements of the degree.

### Post-admission requirements

Students must complete 60 days of suitable field experience.

### Career opportunities

- Government agencies
- Construction companies
- Engineering consultancies
- Building industry
- Water supply authorities
- Mining industry
- Research organisations
- Parks and wildlife
- Resource management
- Environmental consultancies

### Membership

Engineering students are eligible for free membership to Engineers Australia. Once their degree is completed they are eligible for Graduate membership.

Graduates are eligible to become members of:

- Australian Network for Plant Conservation
- Australian Water Association
- Ecological Society of Australia
- Environment Institute of Australia and New Zealand
- Australian Marine Sciences Association

### LOCATIONS

Sunshine Coast

Moreton Bay

### QTAC CODE

013751

014751^

### MINIMUM SELECTION THRESHOLD

ATAR - 65.00 / OP -- / Rank - 65

### DURATION

5 years full time or equivalent part time

### COMMENCE

Semester 1 or Semester 2

### RECOMMENDED PRIOR STUDY

Specialist Maths; and Physics or Chemistry

### PREREQUISITES

English (Units 3 and 4, C); Maths Methods (Units 3 and 4, C)

### SCHOLARSHIPS

Scholarships can give you money and other financial support to help you while you study. Find out more at [usc.edu.au/scholarships](http://usc.edu.au/scholarships).

### MORE INFORMATION

Contact Student Central  
[information@usc.edu.au](mailto:information@usc.edu.au)  
+61 7 5430 2890

[usc.edu.au/sc425](http://usc.edu.au/sc425)

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 28 February 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.