

Bachelor of Engineering (Civil) (Honours)



| LOCATION | START |
|----------------|------------------------|
| Sunshine Coast | Semester 1, Semester 2 |
| Moreton Bay | Semester 1, Semester 2 |

Design and build the future. Civil engineers plan, design, build and maintain the infrastructure we rely on as a civilisation – including buildings, roads, and water systems. This program develops practical skills in engineering design, project management and sustainability, qualifying you to work as a civil engineer in Australia and overseas.

In this program you will:

- Learn to use mathematical and scientific principles to solve a range of technical problems
- Experience a broad array of courses covering areas like design, sustainability, modelling and management and leadership
- Manage a major final-year research project on a topic of your choice
- Learn from industry professional through guest lectures that expose you to current engineering professional practice
- Recreate interactive real-life scenarios in UniSC's state-of-the-art visualisation studio and dedicated engineering laboratories
- Get hands-on experience through 12 weeks of work experience

Career opportunities

- Government agencies
- Construction companies
- Engineering consultancies
- Building industry
- Mining industry
- Research organisations

Accreditation

This program is internationally recognised to allow you to work in Australia and overseas.

Post admission requirements

Students must complete 60 days of suitable field experience.

CRICOS Code
078425G

Duration
4 years

Only a full-time option is available to international students on a Student visa. Online programs are not available to Student visa holders.

Indicative 2025 fees
A\$32,420

Annual fee
Tuition fees are reviewed each calendar year. The fee you must pay for a given teaching period is that which has been approved by UniSC for the calendar year in which the teaching period commences

Prerequisites
English (Units 3 and 4, C)

Recommended prior study
Maths Methods and/or Specialist Maths; and Physics or Chemistry

Delivery mode
Blended Learning

Total courses
31

Total units
384

UniSC program code
SC410

Program structure

Introductory courses (8) 96 units

ENG100 Materials in Engineering
ENG101 Professional Engineering
ENG104 Foundations of Engineering Design
ENG105 Engineering Statics
ENG106 Engineering Computing
MTH103 Introduction to Applied Mathematics

usc.edu.au/sc410

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 22 November 2024

If you were issued a UniSC Letter of Offer, it will specify your study location and teaching period of offer. Study options and teaching period of offer can vary depending on the study location. For full details, visit usc.edu.au.

MTH104 Introductory Calculus

SCI107 Physics

Developing courses (9) 108 units

CIV200 Structural Analysis

CIV201 Geotechnical Engineering

CIV202 Hydraulics and Hydrology

CIV203 Construction Technology

ENG206 Sustainable Engineering (Design)

ENS254 Earth Observation: Remote Sensing and Surveying

MEC221 Mechanics of Materials

MTH201 Calculus II and Linear Algebra

MTH203 Numerical Analysis

Graduate courses (13) 180 units

CIV300 Structural Design

CIV301 Road and Traffic Engineering

CIV302 Concrete Design and Technology

CIV304 Water and Wastewater

CIV305 Structural Modelling

ENG305 Engineering Management

ENG306 Engineering System Design

CIV401 Sustainable Transport Systems

CIV402 Advanced Structural Analysis and Design

CIV403 Environmental Engineering

ENG406 Engineering Project 1(24 units)

ENG407 Engineering Project 2(24 units)

MEC403 Computational Analysis

Honours

The Bachelor of Engineering (Civil) (Honours) may be awarded with Honours.

The class of Honours awarded to a student is calculated using the mean mark achieved when completing the 96 units of AQF8 level courses (400 coded).

| HONOURS RESULTS CLASSIFICATION | MEAN MARK ACHIEVED IN AQF8 COURSES (400 CODED) |
|--------------------------------|--|
| Honours Class I | 80% - 100% |
| Honours Class IIA | 70% - 79.5% |
| Honours Class IIB | 60% - 69.5% |
| Honours Class III | 50% - 59.5% |
| Marginal Fail | 47% - 49.5% |
| Fail | 0% - 46.5% |

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

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