

Associate Degree in Science



LOCATION	ENTRY THRESHOLD	QTAC CODE	START
Sunshine Coast	50.00	013101	Semester 1, Semester 2

Are you looking for a career where you can make a difference? If you are creative, enjoy solving problems, enjoy collecting and organising information, and love evaluating evidence, then a career in science is likely to suit you. This two-year program offers the perfect pathway to university to gain new skills, switch careers or simply learn more about a science field that interests you. This program provides students with an alternative pathway to the Bachelor of Science and related programs at USC.

In this program you will:

- Fast-track your science education and gain guaranteed entry into a degree at USC
- Gain the necessary skills needed to solve real-life problems related to many branches in science
- Learn core scientific principles such as biology and chemistry
- Choose to specialise in Biology; Biotechnology; Chemistry; Ecology or Mathematics

Career opportunities

- Research
- Education
- Industry or government work in biology
- Biotechnology
- Chemistry
- Ecology
- Mathematics

Duration

2 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; at least one science subject (preferably Chemistry)

Delivery mode

Blended Learning

Total courses

16

Total units

192

UniSC program code

SC201

Program structure

Introductory and Developing courses (6) 72 units

LFS100 Cell Biology

SCI102 Biodiversity and Ecology

SCI105 Introductory Chemistry

SCI110 Science Research Methods

SCI113 Discovering Science

PLUS select 1 course (12 units) from:

MTH103 Introduction to Applied Mathematics

MTH104 Introductory Calculus

Pathway courses (4) 48 units

Select 4 courses for ONE of the following pathways:

Biology

ENS221 Plant Diversity and Ecology

ENS222 Terrestrial Vertebrate Diversity and Ecology

LFS252 Molecular Biology

LFS261 Microbiology

usc.edu.au/sc201

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 23 June 2024

Study options and teaching period of offer can vary depending on the study location. For full details, visit usc.edu.au.

Biotechnology

LFS251 Biochemistry
LFS252 Molecular Biology
LFS261 Microbiology
MBT254 Biotechnology: Research to Product

Chemistry

CHM202 Organic Chemistry
CHM210 Inorganic Chemistry
LFS251 Biochemistry
CHM310 Physical Chemistry

Ecology

ENS213 Invertebrate Biology and Ecology
ENS221 Plant Diversity and Ecology
ENS222 Terrestrial Vertebrate Diversity and Ecology
ENS282 Coastal and Marine Ecology

Mathematics

ANM203 Statistics with Teeth: Understanding Ecological Data
MTH201 Calculus II and Linear Algebra
MTH212 Discrete Mathematics
MTH302 Applied Mathematics

Elective courses (6) 72 units*

Select 6 elective courses from the undergraduate elective course options. Of these electives, 2 must be developing and graduate level (200/300 coded).

*Students undertaking the Mathematics pathway will substitute one of the electives for MTH103 or MTH104.

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