

Associate Degree in Science



LOCATION

Sunshine Coast

START

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

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

CRICOS Code
064652A

Duration
2 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 2024 fees
A\$28,600

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

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

usc.edu.au/sc201

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 21 May 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.

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.