

# 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](https://usc.edu.au/sc201)

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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](https://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.

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