

# Bachelor of Science



Moreton Bay, Semester 2 2024

## Program structure

Required courses (5) 60 units

SCI100 Cell Diversity  
SCI102 Biodiversity and Ecology  
SCI105 Introductory Chemistry  
SCI110 Science Research Methods  
SCI113 Discovering Science

Required courses from a specified list (1) 12 units

Select a total of 12 units from:

ANM203 Statistics with Teeth: Understanding Ecological Data  
SCI202 Advanced Research Methods and Statistics

Required courses from a specified list (1) 12 units

ENS330 K'gari Field Studies  
ENS333 Special Field Studies Topic  
SCI302 Analytical Sciences  
SRP301 Special Research Project  
WPL310 Workplace Learning I

Major 96 units

Select 1 major from:

Biology  
Biotechnology  
Chemistry  
Ecology  
Mathematics

Minor 48 units

Select 1 minor from:

Agriculture and Aquaculture  
Biology  
Biochemistry  
Biotechnology  
Chemistry  
Genetics  
Mathematics  
Microbiology  
Sustainability

Elective courses (5) 60 units

Select 60 units from the undergraduate elective course options.

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

**Total units: 288**

[usc.edu.au/sc301](http://usc.edu.au/sc301)

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Study options and teaching period of offer can vary depending on the study location. For full details, visit [usc.edu.au](http://usc.edu.au).

## Study sequence

### Semester 2

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
SCI102 Biodiversity and Ecology	• Semester 2	12	Anti: ENS102
SCI105 Introductory Chemistry	• Semester 1, Semester 2	12	Anti: SCI505

PLUS select 2 courses towards either your Major; and/or Minor; and/or elective from the undergraduate elective course options.

### Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
SCI100 Cell Diversity	• Semester 1	12	
SCI113 Discovering Science	• Semester 1	12	
SCI110 Science Research Methods	• Semester 1, Semester 2	12	Anti: SCI201 or CPH261

PLUS select 1 elective course from the undergraduate elective course options.

### Semester 2

Select 1 course from:

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
SCI202 Advanced Research Methods and Statistics	• Semester 2	12	Pre: SCI110 or BUS101  Anti: ANM203
ANM203 Statistics with Teeth: Understanding Ecological Data	• Semester 2	12	Pre: SCI110 or BUS101

PLUS select 3 courses towards either your Major; and/or Minor; and/or elective from the undergraduate elective course options.

### Semester 1

Select 4 courses towards either your Major; and/or Minor; and/or elective from the undergraduate elective course options.

### Semester 1

Select 4 courses towards either your Major; and/or Minor; and/or elective from the undergraduate elective course options and/or 1 course from the specified list:

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COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
ENS333 Special Field Studies Topic	• Session 1, Session 5, Session 7, Session 8	12	Pre: Course Coordinator Consent Required and students Must have completed at least 1 semester of second year level courses
SCI302 Analytical Sciences	• Semester 1	12	Pre: CHM202 or CHM210 or LFS251
SRP301 Special Research Project	• Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
WPL310 Workplace Learning I	• Session 1, Session 5, Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required

#### Semester 2

Select 4 courses towards either your Major; and/or Minor; and/or elective from the undergraduate elective course options and/or 1 course from the specified list:

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
ENS333 Special Field Studies Topic	• Session 1, Session 5, Session 7, Session 8	12	Pre: Course Coordinator Consent Required and students Must have completed at least 1 semester of second year level courses
SCI302 Analytical Sciences	• Semester 1	12	Pre: CHM202 or CHM210 or LFS251
SRP301 Special Research Project	• Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required
WPL310 Workplace Learning I	• Session 1, Session 5, Session 8, Semester 1, Semester 2	12	Pre: Course Coordinator Consent Required

## Program requirements and notes

In order to graduate you must:

- Successful completion of 288 units.
  - If there is overlap between courses in majors and minors and/or required courses, students must select courses from the undergraduate elective course options to meet the total program unit value.
- Complete no more than 10 introductory level (100 coded) courses
- Not all study components and / or combinations of study components included in this program may be able to be completed in the minimum duration.

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- The following study sequences are available for Semester 1 commencement only
  - Chemistry Major combined with the Mathematics Minor
  - Chemistry Major combined with the Biotechnology Minor

Students who wish to complete the study sequence above commencing in Semester 2 should contact the course coordinator for approval.

- The following combinations of majors / minors are not available:
  - Ecology Major combined with Agriculture and Aquaculture Minor.
- The following applies to specific major or minor sequences
  - Students undertaking an Agriculture and Aquaculture Minor will be required to use 1 elective course (12 units) to complete ENS103.
  - Students undertaking a Biotechnology Minor will be required to use 2 elective courses (24 units) to complete (LFS252 or SCI212 or BIM202) and (MBT263 or LFS261).
  - Students undertaking a Mathematics Minor will be required to use 2 elective courses (24 units) to complete MTH103 and MTH104.
- With the approval of the Program Coordinator, students may replace a specified major or minor with a study component deemed to be equivalent commenced or completed at another university or comparable tertiary institution.

#### Program notes

- Completing this program within the specified (full-time) duration is based on studying 48 unit points per semester (normally 4 courses) and following the recommended study sequence
- The unit value of all courses is 12 units unless otherwise specified
- It is each student's responsibility to enrol correctly according to your course requisites, program rules and requirements and be aware of the academic calendar dates
- Courses within this program are assessed using a variety of assessment methods which may include essays, seminar presentations, reports, in-class tests and examinations
- As part of your UniSC program, you may apply to Study Overseas to undertake courses with an overseas higher education provider
- Only a full-time study option is available to international students on a Student Visa
- Refer to the Managing your progression page for help in understanding your program structure, reviewing your progress and planning remaining courses.