

# Bachelor of Science



Moreton Bay, Semester 1 2022

## Program structure

Required courses (7) 84 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:

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

PLUS select 1 course (12 units) from:

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

Major and minor courses (12) 144 units ^

Select 12 course (144 units) towards 1 major and 1 minor

### Majors

- Biology
- Biotechnology
- Chemistry
- Ecology
- Mathematics

### Minors

- Agriculture and Aquaculture
- Biology
- Biochemistry
- Biotechnology
- Chemistry
- Genetics
- Mathematics
- Microbiology
- Sustainability

^ 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.

Elective courses (5) 60 units

Select 5 elective courses (60 units) from the undergraduate elective course options.

\*The number of elective courses may vary depending on the major/minor combinations chosen

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

[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).

Total units: 288

## Study sequence

### Year 1

#### Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
LFS100 Cell Biology	• Semester 1	12	Anti: SCI103 or LFS101 or LFS103
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

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 either:

Students completing any of the majors and/or minors below MUST select 2 courses from the following:

Biology Major and/or Minor:

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
LFS112 Human Physiology	• Semester 2	12	Anti: LFS201 or LFS202 or LFS203

Ecology Major:

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
ANM103 Animal Form, Function and Evolution	• Semester 2	12	Pre: Enrolled in Program SC012, ED112, UC103, SC107, SC201, SB303, SC301, SC320, SB301, SC319 or SA301

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Mathematics Major and/or Minor:

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
MTH104 Introductory Calculus	• Semester 2	12	Anti: MTH202

Sustainability Minor:

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
SUS101 Foundations of Sustainability	• Semester 1	12	

OR

Select 2 elective courses from the undergraduate elective course options.

## Year 2

### Semester 1

Select 2 courses towards your chosen major

PLUS select 1 course towards your chosen minor

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

### Semester 2

Select 2 courses towards your chosen major

PLUS select 1 course towards your chosen minor

PLUS 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

## Year 3

### Semester 1

Select 2 courses towards your chosen major

PLUS either:

Select 1 course towards your chosen minor

AND 1 elective course from the undergraduate elective course options.

OR

Select 2 courses towards your chosen minor

OR

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Select 2 elective courses from the undergraduate elective course options.

Semester 2

Select 2 courses towards your chosen major

Plus select 1 course from:

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
ENS330 K'gari-Fraser Island Field Studies	• Session 8	12	Pre: (Completion of 192 units and SC1110 and enrolled in SC319, SC316, SC320, SC301, AR397, SC425, SA308, SB301, Biological Science Major, or Biological Science Extended Minor) or by Coordinator Consent
ENS333 Special Field Studies Topic	• Sunshine Coast: Session 1, Session 5, Session 7, Session 8	12	Pre: Course Coordinator Consent Required
SRP301 Special Research Project	• Sunshine Coast: 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
SCI302 Analytical Sciences	• Semester 1	12	Pre: CHM202 or CHM210 or LFS251

PLUS either:

Select 1 course towards your chosen minor

OR

Select 1 elective course from the undergraduate elective course options.

## Program requirements and notes

In order to graduate you must:

- Successfully complete 288 units as outlined in the Program Structure
- Complete no more than 10 introductory level (100 coded) courses

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 students 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

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- Refer to the Managing your progression page for help in understanding your program structure, reviewing your progress and planning remaining courses.