Associate Degree in
Science

UniSC

Sunshine Coast, Semester 1 2024

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

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.

Total units: 192

Study sequence

Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
LFS100 Cell Biology	• Semester 1	12	Anti: SCI103 or LFS101 or LFS103
SCI110 Science Research Methods	• Semester 1, Semester 2	12	Anti: SCI201 or CPH261
SCI113 Discovering Science	• Semester 1	12	

PLUS select 1 course from:

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
MTH103 Introduction to Applied Mathematics	• Semester 1	12	Anti: MTH102

OR

elective course from the undergraduate elective course options.

Semester 2

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	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 from:

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

OR elective courses from the undergraduate elective course options.

Semester 1

Select 2 courses towards your chosen pathway

PLUS select 2 elective courses from the undergraduate elective course options.

Semester 2

Select 2 courses towards your chosen pathway

PLUS select 2 elective courses from the undergraduate elective course options.

Program requirements and notes

In order to graduate you must:

- Successfully complete 192 units as outlined in the Program Structure
- Complete no more than 10 introductory level (100 coded).

Program notes

- It is highly recommended that students consider enrolling in relevant enabling courses
- 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
- Refer to the Managing your progression page for help in understanding your program structure, reviewing your progress and planning remaining courses.

usc.edu.au/sc201

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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.