Bachelor of

Environmental Science

Sunshine Coast, Semester 1 2022

Program structure

Introductory courses (5) 60 units

ENS103 Earth's Surface Processes
SCI102 Biodiversity and Ecology
SCI105 Introductory Chemistry
SCI110 Science Research Methods
SCI113 Discovering Science

Developing and Graduate courses (11) 132 units

ENS221 Plant Diversity and Ecology
ENS222 Terrestrial Vertebrate Diversity and Ecology
ENS224 Soil Properties, Processes and Rehabilitation
ENS242 Weather and Climate
ENS253 Geographic Information Science and Technology
GEO201 Hydrology and Geomorphology
ENS321 Restoration Ecology
ENS325 Population Ecology and Genetics
GEO302 Coastal Geomorphology

PLUS select 1 course (12 units) from:
ANM203 Statistics with Teeth: Understanding Ecological Data
SCI202 Advanced Research Methods and Statistics

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

Minor (4) 48 units

- Agriculture and Aquaculture
- Coastal and Marine Environments
- Environmental Health
- Environmental Management
- Geospatial Analysis
- Restoration and Conservation
- Sustainability

Elective courses (4) 48 units

Select 4 elective courses (48 units) from the undergraduate elective course options.

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

A program may not be offered in full at each location

Total units: 288

Study sequence

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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.

Year 1

Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
ENS103 Earth's Surface Processes	• Semester 1	12	
SCI105 Introductory Chemistry	• Semester 1, Semester 2	12	Anti: SCI505
SCI113 Discovering Science	• Semester 1	12	

PLUS select 1 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
SCI110 Science Research Methods	• Semester 1, Semester 2	12	Anti: SCI201 or CPH261

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

Year 2

Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
ENS221 Plant Diversity and Ecology	• Semester 1	12	Pre: SCI102 Anti: ENS201
ENS253 Geographic Information Science and Technology	• Semester 1	12	
GEO201 Hydrology and Geomorphology	• Semester 1	12	

PLUS select 1 course towards your chosen minor or 1 elective course from the undergraduate elective course options.

Semester 2

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
ENS222 Terrestrial Vertebrate Diversity and Ecology	• Semester 2	12	Pre: SCI102
ENS224 Soil Properties, Processes and Rehabilitation	• Semester 2	12	Pre: ENS103
ENS242 Weather and Climate	• Semester 2	12	

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PLUS select 1 course from:

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

Year 3

Semester 1

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
ENS321 Restoration Ecology	• Semester 1	12	Pre: ENS221 or ENS222 or ENS282 or ENS213 or ENS214 or LFS261 Anti: ENS361
ENS325 Population Ecology and Genetics	• Semester 1	12	Pre: ENS221 or ANM203 or SCI212

PLUS either:

Select 2 courses towards your chosen minor
OR
Select 2 elective courses from the undergraduate elective course options.

Semester 2

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
GEO302 Coastal Geomorphology	• Semester 2	12	

PLUS select 1 course from:

COURSE	SEMESTER OF OFFER (SUNSHINE COAST)	UNITS	REQUISITES
ENS330 K'gari-Fraser Island Field Studies	• Session 8	12	Pre: (Completion of 192 units and SCI110 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	• Session 1, Session 5, Session 7, Session 8	12	Pre:

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			Course Coordinator Consent Required
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

PLUS either:

Select 2 courses towards your chosen minor
OR
Select 2 elective courses 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
- Refer to the Managing your progression page for help in understanding your program structure, reviewing your progress and planning remaining courses.

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