

## Program Code – SE5

### Program Name - Bachelor of Environmental and Conservation Science

| <b>First Year</b>  |                    |                                  |  |
|--------------------|--------------------|----------------------------------|--|
| <b>Semester 1</b>  | <b>Course Code</b> | <b>Course Name</b>               | <b>Pre requisites</b>  |
|                    | SCBIO 1010         | Principles of Biology            | Exclusion: BIOGC1722 & SCCOR1100   |
|                    | SCCOR 1300         | Scientific Practice              | Exclusion: ENCOR1015, MATHS1000, MATGC1010   |
|                    | SCENV 1502         | Environmental Studies            | Exclusion: ENVGC1022, ENVGC1711  |
|                    | SCCHM 1001         | Chemistry 1                      | Nil  |
| <b>Semester 2</b>  |                    |                                  |  |
|                    | SCCOR 1200         | Scientific Communication         | Exclusion: SCCOR1001 & SCIGC1010 & SCMED1010   |
|                    | SCENV 1002         | Biodiversity Conservation        | Nil  |
|                    | SCSUS 1500         | Sustainable Earth                | Exclusion: SCEN1500  |
|                    | STATS 1000         | Statistical Methods              | Exclusion: SCIGC1020   |
| <b>Second Year</b> |                    |                                  |  |
| <b>Semester 1</b>  | <b>Course Code</b> | <b>Course Name</b>               | <b>Pre requisites</b>  |
|                    | SCENV 2100         | Australian Fauna 2               | ENVGC1022 or ENVGC1711 or SCENV1002 or SCENV1502<br>Exclusion: BIOGC3132 & ENVGC2712 & SCENV2111 |
|                    | SCENV 2600         | Geographic Information Systems   | Nil  |
|                    | SCENV 2200         | Population and Community Ecology | Exclusion: ENVGC2726   |
|                    |                    | Specialisation Elective          |  |

## Semester 2

|            |                           |                      |
|------------|---------------------------|----------------------|
| SCENV 2101 | Australian Flora          | Exclusion: ENVGC2712 |
| SCENV 2500 | Fieldwork Techniques      | Nil                  |
| SCENV 2800 | Pests, Plants and Animals | Nil                  |
|            | Specialisation Elective   |                      |

## Third Year

| Semester 1 | Course Code | Course Name  | Pre requisites  |
|------------|-------------|--|---|
|            | SCENV 3120  | Landscape Restoration and Mine Site Rehabilitation | Nil   |
|            | SCENV 3912  | Environmental Assessment                           | 90 Credit Points<br>Exclusion: ENVGC3737 &<br>SCENV3902 |
|            |             | Specialisation Elective                            |   |
|            |             | Elective 1   |   |

## Semester 2

|            |                                   |                   |
|------------|-----------------------------------|-------------------|
| SCENV 3202 | Wildlife Ecology and Conservation | 240 Credit Points |
|            | Specialisation Elective           |                   |
|            | Specialisation Elective           |                   |
|            | Elective 2                        |                   |

### Specialisation Elective options:

#### Landscape Ecology

SCENV3800 Ecosystem Conservation and Management

SCENV3110 Fire Ecology: Burning Issues For Science and Management

SCENV3203 Arid Zone Ecology

SCGEO1103 Planet Earth

SCGEO2111 Landscape Evolution

#### Climate and Water

SCGEO2106 Hydrology

SCENV2400 Wetlands and Water Recourses

SCCHM2002 Environmental Chemistry 1

SCENV3501 Environmental Change

SCMIC2001 General Microbiology

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## Animal Management

SCBIO1020 Systems Biology

SCENV3800 Ecosystem Conservation and Management

SCMOL2010 Mammalian Genetics

SCVET2001 Animal Management And Disease

SCVET3001 Case Studies In Animal Management

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## Rehabilitation and Restoration

SCENV3501 Environmental Change

SCENV3800 Ecosystem Conservation and Management

SCGEO1103 Planet Earth

SCGEO2111 Landscape Evolution

SCGEO2107 Fieldwork Principles and Practice

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## All Streams have the choice of the following

SCCOR3001 Research Project

SCCOR3011 Science Internship (see below for further information)

SCCOR3002 Science Communication Project

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## Additional Information

This program structure applies to students commencing in 2018. Students who commenced prior to 2018 should contact the Undergraduate Administrator for the appropriate enrolment information.

## Essential Equipment

You are required to obtain specific Personal Protective Equipment (PPE) for your program, detailed below, and will not be able to commence lab classes without this essential safety equipment.

The required PPE can be obtained from any sources, however it MUST be available for commencement of classes.

| Product        | Cost        | Comments  |
|----------------|-------------|---|
| White lab coat | \$31.95     | Various sizing available  |
| Safety glasses | from \$6.00 | Various styles available, including those designed to be worn over prescription glasses available at \$6.95 |
| Solid shoes    |             |   |

## Glossary

**Semester** – designated teaching period

**Co-requisite** – a selection of courses that need to be completed at the same time

**Pre-requisite** – a course or courses that must be completed prior to undertaking another course

**Exclusion** - a course/s that may not be taken.