

Program Code

BSC

Program Minimum Units

72

Standard Duration

3 Years

Program Faculty

Faculty of Sciences

AQF Level

07

Academic Year

2020

These Program Rules should be read in conjunction with the University's policies (<http://www.adelaide.edu.au/policies>).

Overview

This program prepares students for careers in marine biology via training in use of coherent, logical procedures and rigorous experimental planning for practical work in the field and laboratory. There is a strong emphasis on experiential learning environments, and thus students gain experience with research equipment used in research across the northern and southern hemispheres. The first year involves core studies in biology, geology and statistics. In subsequent years, students study ecological and evolutionary biology courses, which include marine biology components, as well as coastal management and specialised research methodology. At third year, there are three specific marine courses that cover the theoretical, practical and fieldwork aspects of marine biology. The Bachelor of Science (Marine Biology) is an AQF Level 7 program with a standard full-time duration of 3 years.

Conditions

Interruption of program: Students must apply for permission from the Executive Dean or delegate before taking a Leave of Absence. Any extension of the leave without approval will result in the loss of place in the program but an application may be made to be re-admitted to the program subject to the admission procedures in place at the time.

Academic Program Rules for Bachelor of Science (Marine Biology) (BSc(MarineBiol))

There shall be a Bachelor of Science (Marine Biology) (BSc(MarineBiol)).

Qualification Requirements**Academic Program**

To qualify for the degree of Bachelor of Science (Marine Biology), the student must complete satisfactorily a program of study consisting of the following requirements with a combined total of not less than 72 units, comprising:

Bachelor of Science (Marine Biology) (BSc(MarineBiol))

1. Core courses to the value of 42 units
2. Elective courses to the value of 30 units, which may include other undergraduate courses offered by the University that are available to the student up to the value of 9 units in total at levels I and/or II with no more than 6 units at level I.
3. Level I courses not exceeding 30 units
4. Level III Science courses to the value of at least 24 units
5. Broadening experience.

Core Courses

Level I

All of the following courses must be completed:

- BIOLOGY 1202 [Biology I: Organisms](#) (3 units)
ENV BIOL 1002 [Ecological Issues I](#) (3 units)
STATS 1004 [Statistical Practice I \(Life Sciences\)](#) (3 units)
GEOLOGY 1103 [Building a Habitable Planet](#) (3 units)
SCIENCE 1410 [Science or Fiction \(Marine Biology\) I](#) (3 units)

and

Courses to the value of 3 units from the following:

- BIOLOGY 1101 [Biology I: Molecules, Genes and Cells](#) (3 units)
BIOLOGY 1401 [Concepts in Biology](#) (3 units)
BIOLOGY 1001 [Fundamentals of Biology](#) (3 units)

Level II

All of the following courses must be completed:

- ENV BIOL 2500 [Botany II](#) (3 units)
ENV BIOL 2502 [Ecology II](#) (3 units)
ENV BIOL 2530 [Zoology II \(Marine Biology\)](#) (3 units)

Level III

All of the following courses must be completed:

- ENV BIOL 3010 [Marine Ecology III](#) (3 units)
ENV BIOL 3121 [Concepts in Ecology III](#) (3 units)
ENV BIOL 3124 [Frontiers in Marine Biology III](#) (3 units)
ENV BIOL 3505 [Marine Biology III](#) (3 units)
ENV BIOL 3520 [Research Methods in Marine Biology III](#) (3 units)

Elective Courses

Level I

Courses from the degree of Bachelor of Science or other undergraduate courses offered by the University that are available to the student.

Level II

Courses to the value of up to 15 units may be taken from the following:

- GEOG 2139 [Environmental Management](#) (3 units)

and

courses from the degree of Bachelor of Science or other undergraduate courses offered by the University that are available to the student.

Level III

Courses to the value of at least 9 units from the following:

ENV BIOL 3004 [Freshwater Ecology III](#) (3 units)
SPATIAL 3007WT [GIS for Environmental Management III](#) (3 units)
SPATIAL 3010 [Earth Observation III](#) (3 units)

or

Level III courses from the degree of Bachelor of Science.

Broadening Experience

The broadening experience requirement can be met by any of the following:

Study abroad or exchange

or

Courses to the value of at least 3 units from the following:

SCIENCE 2550 [International Experience II](#) (3 units)
SCIENCE 2700 [Science Internship](#) (3 units)
SCIENCE 3200 [Communicating Science III](#) (3 units)
SCIENCE 3500 [Science International Study Tour](#) (3 units)
SCIENCE 3510 [Science International Study Tour B](#) (3 units)
SCIENCE 3550 [International Experience III](#) (3 units)
SCIENCE 3700 [Science Internship](#) (3 units)

or

courses outside the major area of study.

Published on: 29 November, 2019 | 16:42:53

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