Bachelor of Science (Honours) (BSc(Hons))

2015

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

Overview

This program consists of a research project and associated theoretical work and provides professional training and an opportunity to experience scientific research in a chosen area of specialisation. During this program students will learn new techniques and broaden their skill base. Students can pursue pathways in one of the following areas of science: Agricultural Science, Animal Science, Biochemistry, Chemistry, Environmental Biology, Genetics, Geology, Geophysics, Horticulture, Microbiology & Immunology, Petroleum Geology & Geophysics, Physics, Plant Science, Soil Science, Viticulture and Wine Science.

The Bachelor of Science (Honours) is an AQF Level 8 qualification with a standard full-time duration of 1 year.

1 Academic Program Rules for Bachelor of Science (Honours) (BSc(Hons))

There shall be a Bachelor of Science (Honours).

2 Qualification Requirements

2.1 Academic Program

To qualify for the degree of Bachelor of Science (Honours) the student must complete satisfactorily a program of study from one of Academic Program Rules 2.1.1–2.1.17 with a combined total of not less than 24 units:

2.1.1 Agricultural Science

To qualify for Honours in Agricultural Science a student shall satisfactorily complete the core courses and thesis:

Core Courses

AGRIC 4010AWT/BWT Advanced Agricultural Science (Hons) (3 units)

Research Project

Students must complete a research project:

AGRIC 4020AWT/BWT Honours Agricultural Science Project (21 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

AGRIC 4030AWT Honours Agricultural Science Project (Part-time) Continuing

Further Enquiries
AGRIC 4030BWT Honours Agricultural Science Project (Part-time) Final  (21 units)

### 2.1.2 Animal Science

To qualify for Honours in Animal Science a student shall satisfactorily complete the core courses and thesis:

**Core Courses**

ANIML SC 4010ARW/BRW Advanced Animal Science (Hons)  (3 units)

**Research Project**

Students must complete a research project:

ANIML SC 4020ARW/BRW Honours Animal Science Project  (21 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

ANIML SC 4030ARW Honours Animal Science Project (Part-time) Continuing

and

ANIML SC 4030BRW Honours Animal Science Project (Part-time) Final  (21 units)

### 2.1.3 Biochemistry

To qualify for Honours in Biochemistry a student shall satisfactorily complete the core courses and thesis:

**Core Courses**

BIOCHEM 4010A/B Advanced Biochemistry (Hons)  (6 units)

**Research Project**

Students must complete a research project:

BIOCHEM 4020A/B Honours Biochemistry Project  (18 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

BIOCHEM 4030A Honours Biochemistry Project (Part-time) Continuing

and

BIOCHEM 4030B Honours Biochemistry Project (Part-time) Final  (18 units)

### 2.1.4 Chemistry

To qualify for Honours in Chemistry a student shall satisfactorily complete the core courses and thesis:
Core Courses
CHEM 4010A/B Advanced Chemistry (Hons)  (9 units)

Research Project
Students must complete a research project:
CHEM 4020A/B Honours Chemistry Project  (15 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:
CHEM 4030A Honours Chemistry Project (Part-time) Continuing
and
CHEM 4030B Honours Chemistry Project (Part-time) Final  (15 units)

2.1.5 Environmental Biology
To qualify for Honours in Environmental Biology a student shall satisfactorily complete the core courses and thesis:

Core Courses
ENV BIOL 4015A/B Advanced Environmental Biology (Hons)  (9 units)

Research Project
Students must complete a research project:
ENV BIOL 4020A/B Honours Environmental Biology Project  (15 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:
ENV BIOL 4030A Honours Environmental Biology Project (Part-time) Continuing
and
ENV BIOL 4030B Honours Environmental Biology Project (Part-time) Final  (15 units)

2.1.6 Genetics
To qualify for Honours in Genetics a student shall satisfactorily complete the core courses and thesis:

Core Courses
GENETICS 4010A/B Advanced Genetics (Hons)  (6 units)

Research Project
Students must complete a research project:
GENETICS 4020A/B Honours Genetics Project  (18 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive
years:

GENETICS 4030A Honours Genetics Project (Part-time) Continuing

and

GENETICS 4030B Honours Genetics Project (Part-time) Final (18 units)

2.1.7 Geology

To qualify for Honours in Geology a student shall satisfactorily complete the core courses and thesis:

Core Courses

GEOLOGY 4010A/B Advanced Geology (Hons) (9 units)

Research Project

Students must complete a research project:

GEOLOGY 4020A/B Honours Geology Project (15 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

GEOLOGY 4050A Honours Geology Project (Part-time) Continuing

and

GEOLOGY 4050B Honours Geology Project (Part-time) Final (15 units)

2.1.8 Geophysics

To qualify for Honours in Geophysics a student shall satisfactorily complete the core courses and thesis:

Core Courses

GEOLOGY 4030A/B Advanced Geophysics (Hons) (12 units)

Research Project

Students must complete a research project:

GEOLOGY 4040A/B Honours Geophysics Project (12 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

GEOLOGY 4060A Honours Geophysics Project (Part-time) Continuing

and

GEOLOGY 4060B Honours Geophysics Project (Part-time) Final (12 units)

2.1.9 Horticulture
To qualify for Honours in Horticulture a student shall satisfactorily complete the core courses and thesis:

**Core Courses**

HORTICUL 4010AWT/BWT Advanced Horticulture (Hons) (3 units)

**Research Project**

Students must complete a research project:

HORTICUL 4020AWT/BWT Honours Horticulture Project (21 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

HORTICUL 4030AWT Honours Horticulture Project (Part-time) Continuing

and

HORTICUL 4030BWT Honours Horticulture Project (Part-time) Final (21 units)

### 2.1.10 Mathematical Physics

To qualify for Honours in Mathematical Physics a student shall satisfactorily complete the core courses and thesis:

**Core Courses**

PHYSICS 4010 Advanced Physics Part 1 (6 units)

PHYSICS 4015 Advanced Physics Part 2 (6 units)

**Research Project**

Students must complete a research project:

PHYSICS 4020A/B Honours Physics Project (12 units)

### 2.1.11 Microbiology and Immunology

To qualify for Honours in Microbiology and Immunology a student shall satisfactorily complete the core courses and thesis:

**Core Courses**

MICRO 4010A/B Advanced Microbiology and Immunology (Hons) (6 units)

**Research Project**

Students must complete a research project:

MICRO 4020A/B Honours Microbiology and Immunology Project (18 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

MICRO 4030A Honours Microbiology and Immunology Project (Part-time) Continuing
and

MICRO 4030B Honours Microbiology and Immunology Project (Part-time) Final (18 units)

2.1.12 Petroleum Geology and Geophysics

To qualify for Honours in Petroleum Geology and Geophysics a student shall satisfactorily complete the core courses and thesis:

Core Courses

PETROGEO 4010 Fundamentals of Petroleum Geoscience I (3 units)
PETROGEO 4011 Fundamentals of Petroleum Geoscience II (3 units)
PETROGEO 4012 Petroleum Resource Evaluation (3 units)
PETROGEO 4013 Petroleum Systems and Basin Evaluation (3 units)

Research Project

Students must complete a research project:

PETROGEO 4020 Petroleum Geoscience: Hons Research Project Part 1 (6 units)
PETROGEO 4021 Petroleum Geoscience: Hons Research Project Part 2 (6 units)

2.1.13 Physics

To qualify for Honours in Physics a student shall satisfactorily complete the core courses and thesis:

Core Courses

PHYSICS 4010 Advanced Physics Part 1 (6 units)
PHYSICS 4015 Advanced Physics Part 2 (6 units)

Research Project

Students must complete a research project:

PHYSICS 4020A/B Honours Physics Project (12 units)

2.1.14 Plant Science

To qualify for Honours in Plant Science a student shall satisfactorily complete the core courses and thesis:

Core Courses

PLANT SC 4020AWT/BWT Advanced Plant Science (Hons) (3 units)

Research Project

Students must complete a research project:
PLANT SC 4030AWT/BWT Honours Plant Science Project  (21 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

PLANT SC 4040AWT Honours Plant Science Project (Part-time) Continuing

and

PLANT SC 4040BWT Honours Plant Science Project (Part-time) Final  (21 units)

2.1.15 Soil Science

To qualify for Honours in Soil Science a student shall satisfactorily complete the core courses and thesis:

Core Courses

SOIL&WAT 4020AWT/BWT Advanced Soil Science (Hons)  (3 units)

Research Project

Students must complete a research project:

SOIL&WAT 4030AWT/BWT Honours Soil Science Project  (21 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

SOIL&WAT 4040AWT Honours Soil Science Project (Part-time) Continuing

and

SOIL&WAT 4040BWT Honours Soil Science Project (Part-time) Final  (21 units)

2.1.16 Viticulture

To qualify for Honours in Viticulture a student shall satisfactorily complete the core courses and thesis:

Core Courses

VITICULT 4020AWT/BWT Advanced Viticulture (Hons)  (3 units)

Research Project

Students must complete a research project:

VITICULT 4030AWT/BWT Honours Viticulture Project  (21 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

VITICULT 4040AWT Honours Viticulture Project (Part-time) Continuing

and

VITICULT 4040BWT Honours Viticulture Project (Part-time) Final  (21 units)
2.1.17  Wine Science

To qualify for Honours in Wine Science a student shall satisfactorily complete the core courses and thesis:

Core Courses

OENOLOGY 4010AWT/BWT Advanced Wine Science (Hons) (3 units)

Research Project

Students must complete a research project:

OENOLOGY 4020AWT/BWT Honours Wine Science Project (21 units)

In the case of a part-time enrolment the following two courses must be completed in two consecutive years:

OENOLOGY 4030AWT Honours Wine Science Project (Part-time) Continuing

and

OENOLOGY 4030BWT Honours Wine Science Project (Part-time) Final (21 units)

2.1.18  Repeating Courses

A student who has failed a course twice may not enrol in that course again except by special permission of the Faculty and then only under such conditions as the Faculty may prescribe.
Contact

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