Science

# Bachelor of Advanced Science (Honours) (3962)

2019 Commencing Students

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Information is correct as of 29.08.2022 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Advanced Physical Oceanography** (MATHO13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 | MATH1141 | MATH1241 | PHYS1121 or PHYS1131 | PHYS1221 or PHYS1231 | Science Elective | Science Elective | General Education |
| T1, T3 | T1, T2, T3 | T1, T2 | T1, T2, T3 | T1, T3 | | | |
| MATH2111 | MATH2221 | MATH2241 | MATH2301 | MATH2901 | PHYS2801 | General Education | Free Elective |
| T1 | T2 | T1 | T1 | T2 | T1 | | |
| MATH3041 | MATH3101 | MATH3121 | MATH3261 | MSCI3001 | Free Elective | Free Elective | Free Elective |
| T2 | T3 | T1 | T1 | T2 | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in Advanced Physical Oceanography

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | MATH1141<br>T1, T3 | MATH1241<br>T1, T2 | PHYS1121 or PHYS1131<br>T1, T2, T3 | PHYS1221 or PHYS1231<br>T1, T3 | | | |
| MATH2111<br>T1 | MATH2221<br>T2 | MATH2241<br>T1 | MATH2301<br>T1 | MATH2901<br>T2 | PHYS2801<br>T1 | | |
| MATH3041<br>T2 | MATH3101<br>T3 | MATH3121<br>T1 | MATH3261<br>T1 | MSCI3001<br>T2 | | | |
| | | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

All students in Advanced Science must complete an Honours year of 48 UoC.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*

**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Advanced Physics** (PHYSC13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | PHYS1131 (T1, T2, T3) or PHYS1141 (T1) | PHYS1231 (T1, T3) or PHYS1241 (T2) | MATH1141<br>T1, T3 | MATH1241<br>T1, T2 | General Education | General Education | Free Elective |
| MATH2069<br>T3 | MATH2089<br>T1, T2 | PHYS2111<br>T1 | PHYS2113<br>T2 | PHYS2114<br>T2 | Free Elective | Free Elective | Free Elective |
| PHYS3111<br>T2 | PHYS3112<br>T1 | PHYS3113<br>T1 | PHYS3114<br>T3 | 6 UoC from Stage 3 electives | 6 UoC from Stage 3 electives | Science Elective | Science Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science (Honours) must complete an Honours year of 48 UoC.
In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor. Students cannot complete a minor with the same name as their nominated major.

**Stage 3 Electives:**
PHYS3115 (T3), PHYS3116 (T3), PHYS3117 (T3), PHYS3118 (T2)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in Advanced Physics

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | PHYS1131 (T1, T2, T3) or PHYS1141 (T1) | PHYS1231 (T1, T3) or PHYS1241 (T2) | MATH1141<br>T1, T3 | MATH1241<br>T1, T2 | | | |
| MATH2069<br>T3 | MATH2089<br>T1, T2 | PHYS2111<br>T1 | PHYS2113<br>T2 | PHYS2114<br>T2 | | | |
| PHYS3111<br>T2 | PHYS3112<br>T1 | PHYS3113<br>T1 | PHYS3114<br>T3 | 6 UoC from Stage 3 electives | 6 UoC from Stage 3 electives | | |
| | | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 3 Electives:**
PHYS3115 (T3), PHYS3116 (T3), PHYS3117 (T3), PHYS3118 (T2)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Anatomy** (ANATA13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BIOS1101<br>T2 | CHEM1011 (T1,T2,T3) or CHEM1031 (T1) | MATH1041 (T1, T2, T3) or MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1) | General Education | General Education | Free Elective |
| ANAT2111<br>T1, T2 | ANAT2241<br>T2 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | Free Elective | Free Elective | Free Elective | Science Elective |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Stage 3 Science Elective | Science Elective | Science Elective | Science Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 72 UoC (12 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 30 UoC (5 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major or minor.

**Stage 2 Electives:** ANAT2341 (T3), ANAT2521 (Summer, T2), PATH2201 (T3), PHSL2101 (T1), PHSL2201 (T2)

**Stage 3 Electives:** ANAT3121 (T2), ANAT3131 (T1), ANAT3141 (T3), ANAT3411 (T1), NEUR3211 (T3), SOMS3232 (T3)

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Anatomy**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1,T3 | BABS1201<br>T1,T3 | BIOS1101<br>T2 | CHEM1011 (T1,T2,T3) or CHEM1031 (T1) | MATH1041 (T1, T2, T3) or MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1) | | | |
| ANAT2111<br>T1, T2 | ANAT2241<br>T2 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | | | | |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | | |
| Stage 3 Science Elective | Science Elective | Science Elective | | | | | |

| **Program Structure (Dual degree Mode)** | | | |
|---|---|---|---|
| Major | 72 UoC (12 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 18 UoC (3 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2019 *This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 2 Electives:** ANAT2341 (T3), ANAT2521 (Summer), PATH2201 (T3), PHSL2101 (T1), PHSL2201 (T2)

**Stage 3 Electives:** ANAT3121 (T2), ANAT3131 (T1), ANAT3141 (T3), ANAT3411 (T1), NEUR3211 (T3), SOMS3232 (T3)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

In addition to the courses required for the major, students may also choose to complete an optional minor using their *Science Electives*. **Students cannot complete a minor with the same name as their nominated major.** Students who intend to complete a minor should be aware that it may involve extra time and cost to complete.
**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.
**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# 3962 Bachelor of Advanced Science (Honours) with a major in Bioinformatics (BINFB13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | COMP1511<br>T1, T2, T3 | CHEM1011 (T1,T2,T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | General Education |
| BINF2010<br>T2 | BIOC2201<br>T3 | BIOC2101<br>T2 | 6 UoC from: MATH2801 or MATH2901<br>T2 | COMP2041<br>T2 | COMP2521<br>T1, T3 | Free Elective | General Education |
| BABS3121<br>T1 | BABS3281<br>T3 | BINF3010<br>T2 | BINF6111 (T2) or BINF6112 (T3) | Stage 3 Science Elective | Free Elective | Free Elective | Free Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 96 UoC (16 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Stage 3 science elective | 6 UoC (1 course) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Bioinformatics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1,T3 | COMP1511<br>T1 | CHEM1011 (T1,T2,T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | |
| BINF2010<br>T2 | BIOC2201<br>T3 | BIOC2101<br>T2 | 6 UoC from: MATH2801 or MATH2901<br>T2 | COMP2041<br>T2 | COMP2521<br>T1, T3 | | |
| BABS3121<br>T1 | BABS3281<br>T3 | BINF3010<br>T1 | BINF6111 (T2) or BINF6112 (T3) | Stage 3 Science Elective | | | |
| | | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 96 UoC (16 courses) | 156 UoC | **252 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Stage 3 science elective | 6 UoC (1 course) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Please be aware that students looking to do Bioinformatics in an Advanced Science dual degree will need to complete more than 96 UoC in order to satisfy the requirements of the major.**

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Single Degree – 3962 Bachelor of Advanced Science (Honours)with a major in **Biology** (BIOSJ13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BIOS1101<br>T2 | BIOS1301<br>T1 | MATH1041<br>T1,T2,T3 | Science Elective | General Education | General Education |
| BABS2204 or BABS2264<br>T3 | BEES2041<br>T1 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Free Elective | Free Elective |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Science Elective | Free Elective | Free Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major or minor.

**Stage 2 Electives:** BIOS2011 (T1), BIOS2031 (T3), BIOS2051 (T3), BIOS2061 (T2)

**Stage 3 Electives:** BIOS3011 (T2), BIOS3061 (T3), BIOS3081 (T1), BIOS3161 (T3), BIOS3171 (T3), BIOS3221 (T3), BIOS3601 (T1), BIOS6671 (or BIOS3671) (T2), GEOS3911 (T1)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Biology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BIOS1101<br>T2 | BIOS1301<br>T1 | MATH1041<br>T1,T2,T3 | | | |
| BABS2264<br>T3 | BEES2041<br>T1 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | | | | |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | |
| Science Elective | Science Elective | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 2 Electives:** BIOS2011 (T2), BIOS2031 (T3), BIOS2051 (T3), BIOS2061 (T2)

**Stage 3 Electives:** BIOS3011 (T2), BIOS3061 (T3), BIOS3081 (T1), BIOS3161 (T3), BIOS3171 (T3), BIOS3221 (T3), BIOS3601 (T1), BIOS6671 (or BIOS3671) (T2), GEOS3911 (T1)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Biotechnology** (BIOTB13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BABS1202<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | General Education |
| BABS2011<br>T1 | BIOC2201<br>T3 | MICR2011<br>T1 | BIOC2101<br>T2 | Science Elective | General Education | Free Elective | Free Elective |
| BABS3071<br>T1 | BABS3061<br>T3 | BABS3631<br>T2 | BABS3200<br>T3 | Stage 3 Science Elective | Science Elective | Free Elective | Free Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 18 UoC (3 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Biotechnology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BABS1202<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | |
| BABS2011<br>T1 | BIOC2201<br>T3 | MICR2011<br>T1 | BIOC2101<br>T2 | | | | |
| BABS3071<br>T1 | BABS3061<br>T3 | BABS3631<br>T2 | BABS3200<br>T3 | Stage 3 Science Elective | | | |
| | | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Stage 3 science elective | 6 UoC (1 course) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Chemistry** (CHEMB13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | CHEM1031<br>T1 | CHEM1041<br>T2 | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | PHYS1111 (T1, T3) or PHYS1121 (T1, T2, T3) or PHYS1131 (T1, T2, T3) | General Education | General Education |
| CHEM2011<br>T2 | CHEM2021<br>T2 | CHEM2031<br>T3 | CHEM2041<br>T1, T3 | Free Elective | Free Elective | Free Elective | Free Elective |
| 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | Stage 3 Science Elective | Science Elective | Science Elective | Science Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major or minor.

**Stage 3 Chemistry:** CHEM3011 (T3), CHEM3021 (T1), CHEM3031 (T2), CHEM3061 (T1), CHEM3071 (T3), CHEM6041 (T2)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW AUSTRALIA | Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Chemistry**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1,T3 | CHEM1031<br>T1 | CHEM1041<br>T3 | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | PHYS1111 (T1, T3) or PHYS1121 (T1, T2, T3) or PHYS1131 (T1, T2, T3) | | |
| CHEM2011<br>T2 | CHEM2021<br>T2 | CHEM2031<br>T3 | CHEM2041<br>T1, T3 | | | | |
| 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | | | | |
| Stage 3 Science Elective | Science Elective | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 3 Chemistry:** CHEM3011 (T3), CHEM3021 (T1), CHEM3031 (T2), CHEM3061 (T1), CHEM3071 (T3), CHEM6041 (T2)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# 3962 Bachelor of Science (Advanced Science) with a major in Climate Dynamics (CLIMC13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 | GEOS1701 | PHYS1121 or PHYS1131 | MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1231 (T1,T2,T3) or MATH1241 (T1, T2) | General Education | General Education | Science Elective |
| T1, T3 | T2 | T1, T2, T3 | | | | | |
| CLIM2001 | MATH2111 | MATH2221 | MATH2241 | MATH2601 | Science Elective | Science Elective | Free Elective |
| T1 | T1 | T2 | T1 | T2 | | | |
| CLIM3001 | MATH3261 | MSCI3001 | SCIF3041 | 6 UoC from Stage 3 Electives | Free Elective | Free Elective | Free Elective |
| T1 | T1 | T2 | T1, T2, T3 | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 18 UoC (3 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major.

**Stage 3 Electives:**
MATH3041 (T2), MATH3101 (T3), MATH3121 (T1), MATH3201 (T3)

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in Climate Dynamics

| | | | | | | |
|---|---|---|---|---|---|---|
| SCIF1131<br>T1,T3 | GEOS1701<br>T2 | PHYS1121 or PHYS1131<br>T1, T2, T3 | MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1231 (T1,T2,T3) or MATH1241 (T1, T2) | | |
| CLIM2001<br>T1 | MATH2111<br>T1 | MATH2221<br>T2 | MATH2241<br>T1 | MATH2601<br>T2 | | |
| CLIM3001<br>T1 | MATH3261<br>T1 | MSCI3001<br>T2 | SCIF3041<br>T1, T2, T3 | 6 UoC from Stage 3 Electives | | |
| Science Elective | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 6 UoC (1 courses) | | |
| Honours Year | 48 UoC | | |
| Other degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 3 Electives:**
MATH3041 (T2), MATH3101 (T3), MATH3121 (T1), MATH3201 (T3)

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# 3962 Bachelor of Advanced Science (Honours) with a major in Climate Systems Science (CLIMB13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | GEOS1701<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | PHYS1121 or PHYS1131<br>T1, T2, T3 | MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1231 (T1,T2,T3) or MATH1241 (T1, T2) | General Education | General Education |
| CLIM2001<br>T1 | CVEN2701<br>T2 | MATH2241<br>T1 | 6 UoC from Stage 2 electives | Free Elective | Free Elective | Free Elective | Free Elective |
| CLIM3001<br>T1 | MSCI3001<br>T2 | SCIF3041<br>T1, T2, T3 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Science Elective | Science Elective | Science Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 18 UoC (3 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 2 Electives:** GEOS2241 (T3), GEOS2291 (T3), GEOS2711 (T2), GEOS2821 (T2), MATH2301 (T1), MATH2901 (T2)

**Stage 3 Electives:** CVEN3501 (T1), GEOS3761 (T2), GEOS3821 (T1), GEOS3921 (T3)

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in Climate Systems Science

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | GEOS1701<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | PHYS1121 or PHYS1131<br>T1, T2, T3 | MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1231 (T1,T2,T3) or MATH1241 (T1, T2) | | |
| CLIM2001<br>T1 | CVEN2701<br>T2 | MATH2241<br>T1 | 6 UoC from Stage 2 electives | | | | |
| CLIM3001<br>T1 | MSCI3001<br>T2 | SCIF3041<br>T1, T2, T3 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | |
| Science Elective | | | | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 6 UoC (1 courses) | | |
| Honours Year | 48 UoC | | |
| Other degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019 *This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 2 Electives:** GEOS2241 (T3), GEOS2291 (T3), GEOS2711 (T2), GEOS2821 (T2), MATH2301 (T1), MATH2901 (T2)

**Stage 3 Electives:** CVEN3501 (T1), GEOS3761 (T2), GEOS3821 (T1), GEOS3921 (T3)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Earth Science** (GEOLS13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | GEOS1111<br>T3 | GEOS1211<br>T1 | MATH1041<br>T1, T2, T3 | General Education | General Education | Free Elective | Free Elective |
| BEES2041<br>T1 | GEOS2131<br>T1 | GEOS2181<br>T2 | GEOS2821<br>T2 | 6 UoC from Stage 2 Electives | Free Elective | Free Elective | Science Elective |
| GEOS3141<br>T3 | GEOS3171<br>T3 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Science Elective | Science Elective | Science Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 2 Electives:** GEOS2071 (T1), GEOS2291 (T3), GEOS2721 (T3)

**Stage 3 Electives:** GEOS3071 (T2), GEOS3281 (T1), GEOS3721 (T3), GEOS3761 (T2), GEOS3811 (T3), GEOS3821 (T1)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in Earth Science

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | GEOS1111<br>T3 | GEOS1211<br>S1, T1 | MATH1041<br>T1, T2, T3 | | | | |
| BEES2041<br>T1 | GEOS2131<br>T1 | GEOS2181<br>T2 | GEOS2821<br>T2 | 6 UoC from Stage 2 Electives | | | |
| GEOS3141<br>T1 | GEOS3171<br>T3 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | |
| Science Elective | Science Elective | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 2 Electives:** GEOS2071 (T1), GEOS2291 (T3), GEOS2721 (T3)

**Stage 3 Electives:** GEOS3071 (T2), GEOS3281 (S1,T1), GEOS3721 (T3), GEOS3761 (T2), GEOS3811 (T3), GEOS3821 (T1)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education** courses are not allowed in dual degree programs (GEN##### coded courses)

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Ecology** (BIOSA13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 | BIOS1101 | BIOS1301 | GEOS1701 | MATH1041 | General Education | General Education | Free Elective |
| T1, T3 | T2 | T1 | T2 | T1, T2, T3 | | | |
| BEES2041 | BIOS2011 | GEOS2711 | 6 UoC from Stage 2 Electives | Free Elective | Free Elective | Free Elective | Science Elective |
| T1 | T1 | T2 | | | | | |
| BIOS3601 | BIOS3671 | BIOS3061 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Science Elective | Science Elective | Science Elective |
| T1 | T3 | T3 | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 2 Electives:**
BIOS2031 (T3), BIOS2051 (T3), BIOS2061 (T2)

**Stage 3 Electives:**
BIOS3091 (T3), BIOS3161 (T3), BIOS3171 (T3), BIOS3681 (T1), GEOS3911 (T1)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Double Degree – Bachelor of Advanced Science (Honours) with a major in **Ecology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BIOS1101<br>T2 | BIOS1301<br>T1 | GEOS1701<br>T2 | MATH1041<br>T1, T2, T3 | | | |
| BEES2041<br>T1 | BIOS2011<br>T1 | GEOS2711<br>T2 | 6 UoC from Stage 2 Electives | | | | |
| BIOS3601<br>T1 | BIOS3671<br>T2 | BIOS3061<br>T3 | 6 UoC from Stage 3 Electives | | | | |
| 6 UoC from Stage 3 Electives | Science Elective | Science Elective | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 2 Electives:**
BIOS2031 (T3), BIOS2051 (T3), BIOS2061 (T2)

**Stage 3 Electives:**
BIOS3091 (T3), BIOS3161 (T3), BIOS3171 (T3), BIOS3681 (T1), GEOS3911 (T1)
This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

In addition to the courses required for the major, students may also choose to complete an optional minor using their *Science Electives*. **Students cannot complete a minor with the same name as their nominated major.** Students who intend to complete a minor should be aware that it may involve extra time and cost to complete.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Genetics** (BIOCG13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 | BABS1201 | BABS1202 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | Free Elective |
| T1, T3 | T1, T3 | T2 | | | | | |
| BABS2202 | BABS2264 | BIOC2201 | MICR2011 | 6 UoC from BIOC2101 or BINF2010 | Free Elective | Free Elective | General Education |
| T2 | T3 | T3 | T1 | T2 | | | |
| BABS3121 | BABS3291 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Free Elective | Stage 3 Science Elective | Science Elective | General Education |
| T1 | T2 | | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 3 Electives:** BABS3151 (T1), BINF3010 (T2) or MICR3621 (T3)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Genetics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BABS1202<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | |
| BABS2202<br>T2 | BABS2264<br>T3 | BIOC2201<br>T3 | MICR2011<br>T1 | 6 UoC from BIOC2101 or BINF2010<br>T2 | | | |
| BABS3121<br>T1 | BABS3291<br>T2 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | | |
| Stage 3 Science Elective | | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 150 UoC | **246 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Stage 3 science elective | 6 UoC (1 course) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019 *This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 3 Electives:** BABS3151 (T1), BINF3010 (T2) or MICR3621 (T3)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education** courses are not allowed in dual degree programs (GEN##### coded courses)

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# 3962 Bachelor of Advanced Science (Honours) with a major in Geography (GEOGG13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 | BIOS1301 | GEOS1701 | MATH1041 | Free Elective | General Education | General Education | Free Elective |
| T1, T3 | T1 | T2 | T1, T2, T3 | | | | |
| BEES2041 | GEOS2821 | 6 UoC Stage 2 electives | 6 UoC Stage 2 electives | 6 UoC Stage 2 electives | Free Elective | Free Elective | Science Elective |
| T1 | T2 | | | | | | |
| GEOS3911 | GEOS3761 | GEOS3921 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Science Elective | Science Elective | Science Elective |
| T1 | T2 | T3 | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 2 Electives:** GEOS2021 (T2), GEOS2241 (T3), GEOS2291 (T3), GEOS2711 (T2), GEOS2721 (T3)

**Stage 3 Electives:**
GEOS3721 (T3), GEOS3731 (T1), GEOS3811 (T3), GEOS3821 (T1), GEOS3071 (T2)

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UoC Completed

_____UoC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Geography**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BIOS1301<br>T1 | GEOS1701<br>T2 | MATH1041<br>T1, T2, T3 | | | | |
| BEES2041<br>T2 | GEOS2821<br>T2 | 6 UoC Stage 2 electives | 6 UoC Stage 2 electives | 6 UoC Stage 2 electives | | | |
| GEOS3911<br>T1 | GEOS3761<br>T2 | GEOS3921<br>T3 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | |
| Science Elective | Science Elective | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 2 Electives:** GEOS2021 (T2), GEOS2241 (T3), GEOS2291 (T3), GEOS2711 (T2), GEOS2721 (T3)

**Stage 3 Electives:**
GEOS3721 (T3), GEOS3731 (T1), GEOS3811 (T3), GEOS3821 (T1), GEOS3071 (T2)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

students may also choose to complete an optional minor using their *Science Electives*. **Students cannot complete a minor with the same name as their nominated major.** Students who intend to complete a minor should be aware that it may involve extra time and cost to complete.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UoC Completed

_____UoC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Marine and Coastal Science** (MSCIS13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BIOS1101<br>T2 | GEOS1701<br>T2 | MATH1041<br>T1, T2, T3 | 6 UoC from BIOS1301 (T1) or GEOS1211 (T1) | General Education | General Education |
| BEES2041<br>T1 | BIOS2031<br>T3 | GEOS2821<br>T2 | MSCI2001<br>T1 | Science Elective | Free Elective | Free Elective | Free Elective |
| BIOS3091<br>T3 | BIOS3081<br>T1 | MSCI3001<br>T2 | 6 UoC from GEOS3921(T3) or GEOS3731 (T1) | Stage 3 Science Elective | Science Elective | Science Elective | Free Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in Marine and Coastal Science

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BIOS1101<br>T2 | GEOS1701<br>T2 | MATH1041<br>T1, T2, T3 | 6 UoC from BIOS1301 (T1) or GEOS1211 (T1) | | |
| BEES2041<br>T1 | BIOS2031<br>T3 | GEOS2821<br>T2 | MSCI2001<br>T1 | | | | |
| BIOS3091<br>T3 | BIOS3081<br>T1 | MSCI3001<br>T2 | 6 UoC from GEOS3921(T3) or GEOS3731 (T1) | | | | |
| Stage 3 Science Elective | Science Elective | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# 3962 Bachelor of Advanced Science (Honours) with a major in Materials Science (MATSB13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1231 (T1,T2,T3) or MATH1241 (T1, T2) | MATS1192<br>T1, T3 | PHYS1121 or PHYS1131<br>T1, T2, T3 | General Education | General Education |
| MATS2001<br>T1 | MATS2003<br>T1 | MATS2004<br>T2 | MATS2006<br>T3 | MATS2008<br>T2 | Free Elective | Free Elective | Free Elective |
| MATS3001<br>T1 | MATS3002<br>T1 | MATS3004<br>T2 | Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | Free Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in Materials Science

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1231 (T1,T2,T3) or MATH1241 (T1, T2) | MATS1192<br>T1, T3 | PHYS1121 or PHYS1131<br>T1, T2, T3 | | |
| MATS2001<br>T1 | MATS2003<br>T1 | MATS2004<br>T2 | MATS2006<br>T3 | MATS2008<br>T2 | | | |
| MATS3001<br>T1 | MATS3002<br>T1 | MATS3004<br>T2 | | | | | |
| Stage 3 Science Elective | Stage 3 Science Elective | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Stage 3 Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019. * This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Recommended Electives** are not required, but are recommended as complementary courses for this major when choosing electives.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Mathematics** (MATHJ13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 | MATH1141 | MATH1241 | Science Elective | Science Elective | Free Elective | Free Elective | Free Elective |
| T1, T3 | T1, T3 | T1, T2 | | | | | |
| MATH2111 | MATH2221 | MATH2601 | MATH2621 | MATH2901 | General Education | General Education | Free Elective |
| T1 | T2 | T2 | T3 | T2 | | | |
| 6 UoC of non-statistics level 3 (or hybrid) MATH course* | 6 UoC of non-statistics level 3 (or hybrid) MATH course* | 6 UoC of any level 3 (or hybrid) MATH course not already taken | Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | Science Elective |
| | | | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 60 UoC (10 courses) | 156 UoC | **192 UoC** |
| SCIF1121 or SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 42 UoC (7 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Note:** *Courses numbered from MATH3000 to MATH3799 or MATH6700 to MATH6899 inclusive are non-statistics Mathematics courses.

For students wishing to complete their Honours year in either Applied or Pure Mathematics – **please see the handbook for important information regarding entry requirements.**

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Mathematics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | MATH1141<br>T1, T3 | MATH1241<br>T1, T2 | Science Elective | | | | |
| MATH2111<br>T1 | MATH2221<br>T2 | MATH2601<br>T2 | MATH2621<br>T3 | MATH2901<br>T2 | | | |
| 6 UoC of non-statistics level 3 (or hybrid) MATH course* | 6 UoC of non-statistics level 3 (or hybrid) MATH course* | 6 UoC of any level 3 (or hybrid) MATH course not already taken | | | | | |
| Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 60 UoC (10 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 30 UoC (5 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Note: ***Courses numbered from MATH3000 to MATH3799 or MATH6700 to MATH6899 inclusive are non-statistics Mathematics courses.

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

For students wishing to complete their Honours year in either Applied or Pure Mathematics – **please see the handbook for important information regarding entry requirements.**

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Microbiology** (MICRE13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BABS1202<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | General Education |
| BABS2202<br>T2 | BIOC2201<br>T3 | MICR2011<br>T1 | 6 UoC from BABS2264 (T3) or BIOC2101 (T2) | General Education | Free Elective | Free Elective | Free Elective |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Stage 3 Science Elective | Science Elective | Science Elective | Free Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 18 UoC (3 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 3 Electives:**
BABS3081 (T2), MICR3061 (T3), MICR3071 (T1), BABS3041 (T1), MICR3621 (T3), BABS3061 (T3), BABS3200 (T3)

Students interested in Medical Microbiology or Environmental Microbiology please refer to the online Handbook for suggested Stage 3 course offerings.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Microbiology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BABS1202<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | |
| BABS2202<br>T2 | BIOC2201<br>T3 | MICR2011<br>T1 | 6 UoC from BABS2264 (T3) or BIOC2101 (T1) | | | | |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | | |
| Stage 3 Science Elective | | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Stage 3 Science Elective | 6 UoC (1 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 3 Electives:**
BABS3081 (T2), MICR3061 (T3), MICR3071 (T1), BABS3041 (T1), MICR3621 (T3), BABS3061 (T3), BABS3200 (T3)

Students interested in Medical Microbiology or Environmental Microbiology please refer to the online Handbook for suggested Stage 3 course offerings.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Molecular and Cell Biology** (BIOCL13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 | BABS1201 | BABS1202 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | General Education |
| T1, T3 | T1, T3 | T2 | | | | | |
| BABS2202 | BIOC2101 | BIOC2201 | 6 UoC from BABS2264 (T3) or MICR2011 (T1) | General Education | Free Elective | Free Elective | Free Elective |
| T2 | T2 | T3 | | | | | |
| BIOC3261 | BIOC3271 or BIOC3671 | BABS3121 | BIOC3111 | Stage 3 Science Elective | Science Elective | Science Elective | Free Elective |
| T2 | T3 | T1 | T2 | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 18 UoC (3 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and/or Free Electives to complete a second major or minor.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

**Recommended Electives** are not required, but are recommended as complementary courses for this major when choosing electives.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in Molecular and Cell Biology

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BABS1202<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) | MATH1041 (T1, T2, T3) or MATH1231 (T1, T2, T3) or MATH1241 (T1, T2) | |
| BABS2202<br>T2 | BIOC2101<br>T2 | BIOC2201<br>T3 | 6 UoC from BABS2264 (T3) or MICR2011 (T1) | | | | |
| BIOC3261<br>T2 | BIOC3671<br>T3 | BABS3121 | BIOC3111 | Stage 3 Science Elective | | | |
| | | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Stage 3 Science Elective | 6 UoC (1 course) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Recommended Electives** are not required, but are recommended as complementary courses for this major when choosing electives.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# 3962 Bachelor of Advanced Science (Honours) with a major in Neuroscience (NEURA13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 (S1, S2)<br>T1, T3 | BABS1201 (S1)<br>T1, T3 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | MATH1041<br>T1, T2, T3 | PSYC1001<br>T1, T2 | PSYC1011<br>T2 | 6 UoC from Stage 1 Electives | General Education |
| NEUR2201<br>T2 | PHSL2101<br>T1 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | General Education | Free Elective | Free Elective |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Free Elective | Free Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 18 UoC (3 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 1 Electives:** BIOS1101 (T2), CHEM1021 (T1, T2, T3) (or CHEM1041) (T2), PSYC1111 (T3)

**Stage 2 Electives:** PHAR2011 (T3), PSYC2001 (T1), PSYC2081 (T2), ANAT2511 (T3) (or ANAT2111)* (T1, T2)

**Stage 3 Electives:** ANAT3411 (T1), NEUR3121 (T1), PHAR3202 (T2), PSYC3051 (T2)

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Neuroscience**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | MATH1041<br>T1, T2, T3 | PSYC1001<br>T1, T2 | PSYC1011<br>T2 | 6 UoC from Stage 1 Electives | |
| NEUR2201<br>T2 | PHSL2101<br>T1 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | | | |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | | | |
| Stage 3 Science Elective | Stage 3 Science Elective | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Elective | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science Science on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 1 Electives:** BIOS1101 (T2), CHEM1021 (T1, T2, T3) (or CHEM1041) (T2), PSYC1111 (T3)

**Stage 2 Electives:** PHAR2011 (T3), PSYC2001 (T1), PSYC2081 (T2), ANAT2511 (T3) (or ANAT2111)* (T1, T2)

**Stage 3 Electives:** ANAT3411 (T1), NEUR3121 (T1), PHAR3202 (T2), PSYC3051 (T2)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Pathology** (PATHB13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BIOS1101<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | General Education | General Education | Free Elective |
| ANAT2241<br>T2 | BIOC2101<br>T2 | PATH2201<br>T3 | 6 UoC from Stage 2 Electives | Free Elective | Free Elective | Free Elective | Science Elective |
| PATH3205<br>T1 | PATH3206<br>T2 | 6 UoC from Stage 3 Electives | Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | Science Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 156 UoC | **192 UoC** |
| SCIF1121 or SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 36 UoC (6 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 2 Electives:** ANAT2111 (T1, T2), BABS2202 (T2), MICR2011 (T1)

**Stage 3 Electives:** BABS3041 (T1), PATH3207 (T3), SOMS3232 (T3)

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Pathology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | BIOS1101<br>T2 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | | | |
| ANAT2241<br>T2 | BIOC2101<br>T2 | PATH2201<br>T3 | 6 UoC from Stage 2 Electives | | | | |
| PATH3205<br>T1 | PATH3206<br>T2 | 6 UoC from Stage 3 Electives | | | | | |
| Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Program)** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 2 Electives:** ANAT2111 (T1, T2), BABS2202 (T2), MICR2011 (T1)

**Stage 3 Electives:** BABS3041 (T1), PATH3207 (T3), SOMS3232 (T3)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# 3962 Bachelor of Advanced Science (Honours) with a major in Pharmacology (PHARB13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1041 (T1, T2, T3) or MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1) | General Education | General Education | Free Elective |
| PHAR2011<br>T3 | PHSL2101<br>T1 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | Free Elective | Free Elective | Free Elective | Science Elective |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | Science Elective |

| Program Structure | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 36 UoC (6 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 2 Electives:** BABS2202 (T2), CHEM2021 (T2), CHEM2041 (T1, T3), PHSL2201 (T2), BIOC2101 (T2), BIOC2201 (T3)

**Stage 3 Electives:** PHAR3101 (T3), PHAR3102 (T1), PHAR3202 (T2), PHAR3251 (T1)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Pharmacology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | CHEM1021 (T1, T3) or CHEM1041 (T2) | MATH1041 (T1, T2, T3) or MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1) | | | |
| PHAR2011<br>T3 | PHSL2101<br>T1 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | | | | |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | | | |
| Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Program)** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019. *This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 2 Electives:** BABS2202 (T2), CHEM2021 (T2), CHEM2041 (T1, T3), PHSL2201 (T2), BIOC2101 (T2), BIOC2201 (T3)

**Stage 3 Electives:** PHAR3101 (T3), PHAR3102 (T1), PHAR3202 (T2), PHAR3251 (T1)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Physiology** (PHSLB13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1, T3 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | MATH1041 (T1, T2, T3) or MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1) | 6 UoC from Stage 1 Electives | General Education | General Education | Free Elective |
| PHSL2101<br>T1 | PHSL2201<br>T2 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | Free Elective | Free Elective | Free Elective | Science Elective |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | Science Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 36 UoC (6 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Stage 1 Electives:** BIOS1101 (T2), CHEM1021 (T1, T3) (or CHEM1041 (T2)), PHYS1111 (T1, T3 (or PHYS1121 or PHYS1131) (T1, T2, T3)

**Stage 2 Electives:** NEUR2201 (T2), PHAR2011 (T3), BIOC2101 (T2), BIOC2201 (T3)

**Stage 3 Electives:** NEUR3101 (T2), NEUR3121 (,T1), NEUR3221 (T2), PHSL3211 (T2), PHSL3221 (T3)

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Physiology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | BABS1201<br>T1,T3 | CHEM1011 (T1, T2, T3) or CHEM1031 (T1) | MATH1041 (T1, T2, T3) or MATH1031 (T1, T3) or MATH1131 (T1, T2, T3) or MATH1141 (T1, T3) or MATH1151 (T1) | 6 UoC from Stage 1 Electives | | | |
| PHSL2101<br>T1 | PHSL2201<br>T2 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | | | | |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | | | |
| Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Stage 1 Electives:** BIOS1101 (T2), CHEM1021 (T1, T3) (or CHEM1041 (T2)), PHYS1111 (T1, T3 (or PHYS1121 or PHYS1131) (T1, T2, T3)

**Stage 2 Electives:** NEUR2201 (T2), PHAR2011 (T3), BIOC2101 (T2), BIOC2201 (T3)

**Stage 3 Electives:** NEUR3101 (T2), NEUR3121 (,T1), NEUR3221 (T2), PHSL3211 (T2), PHSL3221 (T3)

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Psychology** (PSYCA13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 | PSYC1001 | PSYC1011 | PSYC1111 | Science Elective | Free Elective | Free Elective | Free Elective |
| T1, T3 | T1, T2 | T2 | T3 | | | | |
| PSYC2001 | PSYC2061 | PSYC2071 | PSYC2081 | PSYC2101 | General Education | General Education | Free Elective |
| T1 | T1 | T3 | T2 | T3 | | | |
| PSYC3001 | PSYC3011 | 6 UoC from Elective Stream A | 6 UoC from Elective Stream B | 6 UoC from Elective Stream A or B | Science Elective | Science Elective | Science Elective |
| T1 | T3 | | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 156 UoC | **192 UoC** |
| SCIF1121 or SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Elective Stream A:** PSYC3051 (T2), PSYC3211 (T1), PSYC3221 (T1), PSYC3241 (T1), PSYC3311 (T2), PSYC3371 (T3)

**Elective Stream B:** PSYC3121 (T3), PSYC3301 (T2), PSYC3331 (T3), PSYC3341 (T2), PSYC3361 (T1, T2, T3)

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Psychology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | PSYC1001<br>T1, T2 | PSYC1011<br>T2 | PSYC1111<br>T3 | | | | |
| PSYC2001<br>T1 | PSYC2061<br>T1 | PSYC2071<br>T3 | PSYC2081<br>T2 | PSYC2101<br>T3 | | | |
| PSYC3001<br>T1 | PSYC3011<br>T3 | 6 UoC from Elective Stream A | 6 UoC from Elective Stream B | 6 UoC from Elective Stream A or B | | | |
| Science Elective | Science Elective | | | | | | |

| **Program Structure (Dual Program Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 12 UoC (2 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019 *This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Elective Stream A:** PSYC3051 (T2), PSYC3211 (T1), PSYC3221 (T1), PSYC3241 (T1), PSYC3311 (T2), PSYC3371 (T3)

**Elective Stream B:** PSYC3121 (T3), PSYC3301 (T2), PSYC3331 (T3), PSYC3341 (T2), PSYC3361 (T1, T2, T3)

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Please Note:** Semester offerings are subject to change, please check the timetable prior to planning for your enrolment

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single Degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Statistics** (MATHK13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131 | MATH1141 | MATH1241 | Science Elective | General Education | General Education | Free Elective | Free Elective |
| T1, T3 | T1, T3 | T1, T2 | | | | | |
| MATH2111 | MATH2601 | MATH2901 | MATH2931 | Free Elective | Free Elective | Science Elective | Science Elective |
| T1 | T2 | T2 | T3 | | | | |
| MATH3821 | MATH3901 | MATH3911 | 6 UoC From: MATH3831 (T2) or MATH3851 (T3) or MATH3871 (T3) | Stage 3 Science Elective | Science Elective | Science Elective | Science Elective |
| T2 | T1 | T1 | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 60 UoC (10 courses) | 156 UoC | **192 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 42 UoC (7 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019*

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Statistics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SCIF1131<br>T1, T3 | MATH1141<br>T1, T3 | MATH1241<br>T1, T2 | Science Elective | | | | |
| MATH2111<br>T1 | MATH2601<br>T2 | MATH2901<br>T2 | MATH2931<br>T3 | | | | |
| MATH3821<br>T2 | MATH3901<br>T1 | MATH3911<br>T1 | 6 UoC From:<br>MATH3831 (T2) or<br>MATH3851 (T3) or<br>MATH3871 (T3) | | | | |
| Stage 3 Science Elective | Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 60 UoC (10 courses) | 144 UoC | **240 UoC** |
| SCIF1131 | 6 UoC (1 course) | | |
| Science Electives | 30 UoC (5 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019. *This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

All students in Advanced Science must complete an Honours year of 48 UoC.

**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY Science

# Single degree – 3962 Bachelor of Advanced Science (Honours)

## with a major in **Vision Science** (VISNA13962)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>T1, T3 | VISN1111<br>T2 | VISN1101<br>T1 | VISN1221<br>T3 | CHEM1011/<br>CHEM1031<br>T1, T2, T3 | MATH1031/<br>MATH1131/1141<br>T1, T2, T3 | General Education | General Education |
| ANAT2111<br>T1, T2 | PHSL2101<br>T1 | VISN2111<br>T2 | VISN2211<br>T3 | PHSL2201<br>T2 | Free Elective | Free Elective | Free Elective |
| VISN3111<br>T1 | OPTM3133<br>T2 | OPTM3201<br>T3 | Stage 3 Science Elective | Stage 3 Science Elective | Science Elective | Science Elective | Free Elective |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 84 UoC (12 courses) | 156 UoC | **192 UoC** |
| Science Electives | 24 UoC (4 courses) | | |
| Honours Year | 48 UoC | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2019.*
**Please Note:** Term offerings are subject to change, please check the timetable prior to planning for your enrolment

All students in Advanced Science must complete an Honours year of 48 UoC.

In addition to the courses required for your major, students must also take *Science Electives*, *Free Electives*, and *General Education* courses. Students may use their Science Electives and, or Free Electives to complete a second major or minor.

**Notes:** With recent changes to the offering of Optometry, which has now changed to the Bachelor of Vision Science, Master of Clinical Optometry, the Vision Science major will no longer be used as an alternative entry pathway into Optometry.
Students enrolled in the Vision Science major will need to apply for internal transfer to the Bachelor of Vision Science, complete its study plan and apply for alternative entry into the Master of Clinical Optometry at the completion of the study plan. Please refer to 3181 for transition arrangements for students currently enrolled in the Vision Science major.

The course VISN1101 Seeing the World: Perspectives from Vision Science (6 UOC) will be counted in-place of SCIF1131.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**Free Electives** may be from Science or from any other Faculty at UNSW.

**General Education** courses cannot be Science courses, and Science students cannot take GENS courses for their General Education.

Students cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

UNSW SYDNEY **Science**

# Dual Degree – Bachelor of Advanced Science (Honours) with a major in **Vision Science**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>T1, T3 | VISN1111<br>T2 | VISN1101<br>T1 | VISN1221<br>T3 | CHEM1011/<br>CHEM1031<br>T1, T2, T3 | MATH1031/<br>MATH1131/1141<br>T1, T2, T3 | | |
| ANAT2111<br>T1, T2 | VISN2111<br>T2 | PHSL2101<br>T1 | VISN2211<br>T3 | PHSL2201<br>T2 | | | |
| VISN3111<br>T1 | OPTM3133<br>T2 | OPTM3201<br>T3 | | | | | |
| Stage 3 Science Elective | Stage 3 Science Elective | | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 144 UoC | **240 UoC** |
| Science Electives | 12 UoC 12 courses) | | |
| Honours Year | 48 UoC | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2019*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Note:** With recent changes to the offering of Optometry, which has now changed to the Bachelor of Vision Science, Master of Clinical Optometry, the Vision Science major will no longer be used as an alternative entry pathway into Optometry. Students enrolled in the Vision Science major will need to apply for internal transfer to the Bachelor of Vision Science, complete its study plan and apply for alternative entry into the Master of Clinical Optometry at the completion of the study plan. Please refer to 3181 for transition arrangements for students currently enrolled in the Vision Science major.

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. Please consult with your other faculty for ideal structure of your other program.

In addition to the courses required for your major, students must also take *Science Electives* to make a total of 96 UoC.

**Science Electives** are courses taken from within the Faculty of Science, as defined by *Table 1* in the Online Handbook.

**General Education courses** are not allowed in dual degree programs (GEN##### coded courses)

**Progression check** Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)