Science

# Bachelor of Science (3970)

2018 Commencing Students

Click on the page number below to navigate to the approved Major sequence


| Approved Major | Page |
|---|---|
| Anatomy | 2-3 |
| Bioinformatics | 4-5 |
| Biology | 6-7 |
| Biotechnology | 8-9 |
| Chemistry | 10-11 |
| Earth Science | 12-13 |
| Ecology | 14-15 |
| Food Science | 16-17 |
| Genetics | 18-19 |
| Geography | 20-21 |
| Marine and Coastal Science | 22-23 |
| Materials Science | 24-25 |
| Mathematics | 26-27 |
| Microbiology | 28-29 |

| Approved Major | Page |
|---|---|
| Molecular and Cell Biology | 30-31 |
| Neuroscience | 32-33 |
| Pathology | 34-35 |
| Pharmacology | 36-37 |
| Physical Oceanography | 38-39 |
| Physics | 40 |
| Physiology | 41-42 |
| Psychology | 43-44 |
| Statistics | 45-46 |
| Vision Science | 47-48 |


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 – 3970 Bachelor of Science** with a major in **Anatomy** (ANATA13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>S1, T1, T3 | BIOS1101<br>S2, T2 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | MATH1041 (S1, S2) or MATH1031 (S1) or MATH1131 (S1, S2) or MATH1141 (S1) or MATH1151 (S1) | General Education | General Education | Free Elective | 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 | Science 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 | Science Elective | Science Elective | Science Elective | Science Elective |

**Program Structure**

| | | | |
|---|---|---|---|
| Major | 72 UoC (12 courses) | 108 UoC | **144 UoC** |
| Science Electives | 36 UoC (6 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018.*

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), PATH2201 (T3), PHSL2101 (T1), PHSL2201 (T2)

**Stage 3 Electives:** ANAT3121 (T1), ANAT3131 (T2), 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 Science** with a major in **Anatomy**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BIOS1101 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | MATH1041 (S1, S2) or MATH1031 (S1) or MATH1131 (S1, S2) or MATH1141 (S1) or MATH1151 (S1) | | | | |
| S1, T1, T3 | S2, T2 | | | | | | |
| ANAT2111 | ANAT2241 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | | | | |
| T1, T2 | T2 | | | | | | |
| 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 | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 72 UoC (12 courses) | 96 UoC | **192 UoC** |
| Science Electives | 24 UoC (4 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

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

**Stage 3 Electives:** ANAT3121 (T1), ANAT3131 (T2), 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.

**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 Science on dual mode in 2018.*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

UNSW SYDNEY

# Science

## 3970 Bachelor of Science with a major in Bioinformatics (BINFB13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | COMP1511 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T2, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | General Education | General Education |
| S1, T1, T3 | S1, S2, T1, T2, T3 | | | | | | |
| BINF2010 | BIOC2201 | BIOC2101 | 6 UoC from: MATH2801 or MATH2901 | COMP2041 | COMP2521 | Science Elective | Science Elective |
| T2 | T3 | T2 | T2 | T2 | T1, T2, T3 | | |
| BABS3121 | BABS3281 | BINF3010 | 6UoC from: BINF6111 or BINF6112 | Free Elective | Free Elective | Free Elective | Free Elective |
| T1 | T3 | T1 | T2 or T3 | | | | |

| Program Structure | | | |
|---|---|---|---|
| Major | 96 UoC (16 courses) | 108 UoC | 144 UoC |
| Science Electives | 12 UoC (2 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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.

To continue in this major students are required to get a credit or higher in MATH1031 Mathematics for Life Sciences. Where students do not meet this requirement they will need to consider undertaking a different major within their Science program.

**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 Science** with a major in **Bioinformatics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | COMP1511 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T2, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | | |
| S1, T1, T3 | S2, T1, T2, T3 | | | | | | |
| BINF2010 | BIOC2201 | BIOC2101 | 6 UoC from: MATH2801 or MATH2901 | COMP2041 | COMP2521 | | |
| T2 | T3 | T2 | T2 | T2 | T1, T2, T3 | | |
| BABS3121 | BABS3281 | BINF3010 | 6UoC from: BINF6111 or BINF6112 | | | | |
| T1 | T3 | T1 | T2 or T3 | | | | |
| | | | | | | | |

| Program Structure (Dual Degree Mode) | | |
|---|---|---|
| Major | 96 UoC (16 courses) | **192 UoC** |
| Other Degree* | 96 UoC (16 courses) | |

**Please be aware that students in a dual Science degree will not have any electives as the major is 96 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.

**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)

*Information correct for students commencing the Bachelor of Science in dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

UNSW SYDNEY

# Science

## Single degree – 3970 Bachelor of Science with a major in Biology (BIOSJ13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>S1, T1, T3 | BIOS1101<br>S2, T2 | BIOS1301<br>S1, T1 | MATH1041<br>S1, S2, T1, T2, T3 | General Education | General Education | Science Elective | Science Elective |
| BEES2041<br>T1 | BABS2204 or BABS2264<br>T3 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | Free Elective | Free Elective | Science 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 | 6 UoC from Stage 3 Electives | Free Elective | Free Elective | Science Elective |

**Program Structure**

| | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 108 UoC | **144 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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

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

# **Dual Degree – Bachelor of Science** with a major in **Biology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BIOS1101 | BIOS1301 | MATH1041 | | | | |
| S1, T1, T3 | S2, T2 | S1, T1 | S1, S2, T1, T2, T3 | | | | |
| BEES2041 | BABS2204 or BABS2264 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | | | | |
| T1 | T3 | | | | | | |
| 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 | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 96 UoC | **192 UoC** |
| Science Electives | 18 UoC (3 courses) | | |
| Other degree* | 96 UoC (16 courses) | | |

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

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

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

**General Education** 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 Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

UNSW SYDNEY **Science**

# **3970 Bachelor of Science** with a major in **Biotechnology** (BIOTA13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BABS1202 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | General Education | General Education |
| S1, T1, T3 | S2, T2 | | | | | | |
| BABS2202 | BIOC2201 | MICR2011 | 6 UoC from: BIOC2101 (T2), BABS2204 (T3) or BABS2264 (T3) | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Science Elective |
| **T2** | T3 | T1 | | | | | |
| BABS3031 or BABS3631 | BABS3071 | BABS3061 or BABS3200 | 6 UoC from Stage 3 Electives | Free Elective | Free Elective | Free Elective | Free Elective |
| T2 | T1 | T3 | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 108 UoC | **144 UoC** |
| Science Electives | 18 UoC (3 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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:** BABS2011 (T1), BIOS2011 (T2), CHEM2021 (T2), CHEM2041 (T1, T3), PHSL2101 (T1)

**Stage 3 Electives:** BABS3200(S2), BABS3121 (or BABS3621) (T1), BABS3021 (or MICR3621) (T3), BABS3041 (T1), BABS3081 (T2), BABS3151 (T1), BABS3281 (T3), BABS3291 (T2), BEES6741 (T3), BIOC3111 (T2), BIOC3261 (T2), BIOC3271 (or BIOC3671) (T3), CHEM3901 (T3), FOOD3010 (T1), MICR3061 (T3), MICR3071 (T1)

**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 Science** with a major in **Biotechnology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>S1, T1, T3 | BABS1202<br>S2, T2 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | | | |
| MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | BABS2202<br>T2 | BIOC2201<br>T3 | MICR2011<br>T1 | 6 UoC from Stage 2 Electives | | | |
| 6 UoC from: BIOC2101 (T2), BABS2204 (T3) or BABS2264 (T3) | BABS3031 or BABS3631<br>T2 | BABS3071<br>T1 | | | | | |
| BABS3061 or BABS3200<br>T3 | 6 UoC from Stage 3 Electives | Science Elective | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 96 UoC | **192 UoC** |
| Science Electives | 6 UoC (1 course) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 2 Electives:** BABS2011 (T1), BIOS2011 (T2), CHEM2021 (T2), CHEM2041 (T1, T3), PHSL2101 (T1)

**Stage 3 Electives:** BABS3200(S2), BABS3121 (or BABS3621) (T1), BABS3021 (or MICR3621) (T3), BABS3041 (T1), BABS3081 (T2), BABS3151 (T1), BABS3281 (T3), BABS3291 (T2), BEES6741 (T3), BIOC3111 (T2), BIOC3261 (T2), BIOC3271 (or BIOC3671) (T3), CHEM3901 (T3), FOOD3010 (T1), MICR3061 (T3), MICR3071 (T1)

**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 – 3970 Bachelor of Science** with a major in **Chemistry** (CHEMA13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2,T1, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | PHYS1111 (S1,S2, T1, T3) or PHYS1121 (S1,S2, T1, T2, T3) or PHYS1131 (S1,S2, T1, T2, T3) | Science Elective | Science Elective | Science Elective |
| | | | | | | | |
| CHEM2011 | CHEM2021 | CHEM2041 | CHEM2031 | General Education | General Education | Science Elective | Science Elective |
| T2 | T2 | T1, T3 | T3 | | | | |
| 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 courses not already taken or from Prescribed electives | Free Elective | Free Elective | Free Elective | Free Elective |
| | | | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 108 UoC | **144 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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 Electives:**
CHEM3011 (S1, T3), CHEM3021 (S1, T1), CHEM3031 (S1, T2), CHEM6041 (S2, T1)

**Stage 3 Prescribed Chemistry Electives:**
CHEM3901 (S2, T3), CHEM6702 (S2), CHEM3061 (T1), CHEM3071 (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 Science** with a major in **Chemistry**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2,T1, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | PHYS1111 (S1,S2) or PHYS1121 (S1,S2) or PHYS1131 (S1,S2) | | | |
| | | | | | | | |
| CHEM2011 | CHEM2021 | CHEM2041 | CHEM2031 | | | | |
| T2 | T2 | T1, T3 | T3 | | | | |
| 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 Chemistry | 6 UoC from Stage 3 courses not already taken or from Prescribed electives | | | | |
| | | | | | | | |
| Science Elective | Science Elective | Science Elective | | | | | |
| | | | | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 96 UoC | **192 UoC** |
| Science Electives | 18 UoC (3 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

**Stage 3 Chemistry Electives:**
CHEM3011 (S1, T3), CHEM3021 (S1, T1), CHEM3031 (S1, T2), CHEM6041 (S2, T1)
**Stage 3 Prescribed Chemistry Electives:**
CHEM3901 (S2, T3), CHEM6702 (S2), CHEM3061 (T1), CHEM3071 (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.

**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)

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

UNSW SYDNEY

# Science

## Single Degree – 3970 Bachelor of Science with a major in

## Earth Science (GEOLS13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GEOS1111 | GEOS1211 | MATH1041 | Science Elective | Science Elective | Science Elective | Science Elective | Science Elective |
| S2, T3 | S1, T1 | S1, S2, T1, T2, T3 | | | | | |
| BEES2041 | GEOS2131 | GEOS2181 | GEOS2821 | 6 UoC from Stage 2 Electives | General Education | General Education | Free Elective |
| T1 | T1 | T2 | T2 | | | | |
| GEOS3171 | GEOS3141 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Free Elective | Free Elective | Free Elective |
| T1 | T3 | | | | | | |

**Program Structure**

| | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 108 UoC | **144 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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

**Stage 3 Electives:**
GEOS3071 (T2), GEOS3281 (T2), GEOS3721 (T3), GEOS3733 (T3) , GEOS3761 (T2), GEOS3811 (T3), GEOS3821 (T1)

**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 Science with a major in Earth Science

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GEOS1111 | GEOS1211 | MATH1041 | | | | | |
| S2, T3 | S1T1 | S1, S2, T1, T2, T3 | | | | | |
| BEES2041 | GEOS2131 | GEOS2181 | GEOS2821 | 6 UoC from Stage 2 Electives | | | |
| T1 | T1 | T2 | T2 | | | | |
| GEOS3171 | GEOS3141 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | |
| T1 | T3 | | | | | | |
| Science Elective | Science Elective | Science Elective | | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 96 UoC | 192 UoC |
| Science Electives | 18 UoC (3 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

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

**Stage 3 Electives:**
GEOS3071 (T2), GEOS3281 (T1), GEOS3721 (T3), GEOS3733 (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.

**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 – 3970 Bachelor of Science with a major in Ecology (BIOSG13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BIOS1101 | BIOS1301 | GEOS1701 | MATH1041 | General Education | General Education | Science Elective | Science Elective |
| S2, T2 | S1, T1 | S2, T2 | S1, S2, T1, T2, T3 | | | | |
| BEES2041 | BIOS2011 | GEOS2711 | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Science Elective | Free Elective |
| T1 | T2 | T2 | | | | | |
| BIOS3601 | BIOS6671 or BIOS3671 | BIOS3061 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Free Elective | Free Elective | Free Elective |
| T1 | T2 | T3 | | | | | |

**Program Structure**

| | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 108 UoC | **144 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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

**Stage 3 Electives:**
BIOS3091 (T3), BIOS3161 (T3), BIOS3171 (T3), BIOS3081 (or BIOS3681)(T1) , GEOS3911 (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 Science with a major in Ecology

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BIOS1101 | BIOS1301 | GEOS1701 | MATH1041 | | | | |
| S2, T2 | S1, T1 | S2, T2 | S1, S2, T1, T2, T3 | | | | |
| BEES2041 | BIOS2011 | GEOS2711 | 6 UoC from Stage 2 Electives | | | | |
| T1 | T2 | T2 | | | | | |
| BIOS3601 | BIOS6671 or BIOS3671 | BIOS3061 | 6 UoC from Stage 3 Electives | | | | |
| T1 | T2 | T3 | | | | | |
| 6 UoC from Stage 3 Electives | Science Elective | Science Elective | Science Elective | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 96 UoC | **192 UoC** |
| Science Electives | 18 UoC (3 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

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

**Stage 3 Electives:**
BIOS3091 (T3), BIOS3161 (T3), BIOS3171 (T3), BIOS3081 (or 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.

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

**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 – 3970 Bachelor of Science with a major in

# Food Science (FOODH13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | FOOD1120 | MATH1031 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | Science Elective | Science Elective | Science Elective |
| S1, T1, T3 | S1, T1 | S1, T1, T3 | | | | | |
| BIOC2181 | CHEM2921 | FOOD2320 | MICR2011 | Science Elective | Science Elective | Science Elective | Free Elective |
| T2 | T1 | T3 | T1 | | | | |
| FOOD3010 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | General Education | General Education | Free Elective | Free Elective | Free Elective |
| T1 | | | | | | | |

**Program Structure**

| | | | |
|---|---|---|---|
| Major | 72 UoC (12 courses) | 108 UoC | **144 UoC** |
| Science Electives | 36 UoC (6 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

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:**
FOOD3030 (T2), FOOD3220 (T1), FOOD3801 (T2), FOOD3901

**Note:** ^PHYS1111 is a prerequisite for FOOD1360, which is a prerequisite for FOOD3801

**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)

*Information correct for students commencing the Bachelor of Science in 2018*

UNSW SYDNEY **Science**

# **Dual Degree – Bachelor of Science** with a major in **Food Science**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | FOOD1120 | MATH1031 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | | | |
| S1, T1, T3 | S1, T1 | S1, T1, T3 | | | | | |
| BIOC2181 | CHEM2921 | FOOD2320 | MICR2011 | | | | |
| T2 | T1 | T3 | T2 | | | | |
| FOOD3010 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | | | |
| T1 | | | | | | | |
| Science Elective | Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 72 UoC (12 courses) | 96 UoC | **192 UoC** |
| Science Electives | 24 UoC (4 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 3 Electives:**
FOOD3030 (T2), FOOD3220 (T1), FOOD3801 (T2), FOOD3901

**Note:** ^PHYS1111 is a prerequisite for FOOD1360, which is a prerequisite for FOOD3801

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. Students may use their Science 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.

**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 – 3970 Bachelor of Science with a major in Genetics (BIOCC13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 | General Education |
| T1, T3 | T2 | | | | | | |
| BABS2204 or BABS2264 | BABS2202 | BIOC2201 | MICR2011 | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Science Elective |
| T3 | T2 | T3 | T1 | | | | |
| BABS3121 | BABS3291 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Free Elective | Free Elective | Free Elective | Free Elective |
| T1 | T2 | | | | | | |

| Program Structure | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 108 UoC | 144 UoC |
| Science Electives | 18 UoC (3 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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:** BIOC2101 (T2), BINF2010 (T3)

**Stage 3 Electives:** BABS3021 (or MICR3621) (T3), BABS3151 (T1), BINF3010 (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 SYDNEY **Science**

# **Dual Degree – Bachelor of Science** with a major in **Genetics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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) | BABS2204 or BABS2264<br>T3 | BABS2202<br>T2 | BIOC2201<br>T3 | MICR2011<br>T1 | 6 UoC from Stage 2 Electives | | |
| BABS3121<br>T1 | BABS3291<br>T2 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | | |
| Science Elective | | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 90 UoC (15 courses) | 96 UoC | **192 UoC** |
| Science Electives | 6 UoC (1 course) | | |
| Other degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 2 Electives:** BIOC2101 (T2), BINF2010 (T3)

**Stage 3 Electives:** BABS3021 (or MICR3621) (T3), BABS3151 (T1), BINF3010 (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.

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

**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 – 3970 Bachelor of Science with a major in Geography (GEOGG13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GEOS1701 | BIOS1301 | MATH1041 | Science Elective | General Education | General Education | Free Elective | Free Elective |
| S2, T2 | S1, T1 | S1, S2, T1, T2, T3 | | | | | |
| BEES2041 | GEOS2821 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | Science Elective | Free Elective | Free 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) | 108 UoC | **144 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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), GEOS2641 (T1), GEOS2711 (T2), GEOS2721 (T3)

**Stage 3 Electives:** GEOS3071 (T2), GEOS3611 (T2), GEOS3721 (T3), GEOS3731 (T1), GEOS3733 (T3), GEOS3811 (T3), GEOS3821 (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

## Double Degree – Bachelor of Science with a major in Geography

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GEOS1701 | BIOS1301 | MATH1041 | | | | | |
| S2, T2 | S1, T1 | S1, S2, T1, T2, T3 | | | | | |
| BEES2041 | GEOS2821 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | | | |
| T1 | T2 | | | | | | |
| GEOS3911 | GEOS3761 | GEOS3921 | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | | | |
| T1 | T2 | T3 | | | | | |
| Science Elective | Science Elective | Science Elective | | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 96 UoC | **192 UoC** |
| Science Electives | 18 UoC (3 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 2 Electives:** GEOS2021 (T2), GEOS2241 (T3), GEOS2291 (T3), GEOS2641 (T1), GEOS2711 (T2), GEOS2721 (T3)

**Stage 3 Electives:** GEOS3071 (T2), GEOS3611 (T2), GEOS3721 (T3), GEOS3731 (T1), GEOS3733 (T3), 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.

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

**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 – 3970 Bachelor of Science with a major in Marine and Coastal Science (MSCIM13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BIOS1101 | GEOS1701 | MATH1041 | 6 UoC from Stage 1 Electives | Science Elective | Science Elective | Science Elective |
| S1, T1, T3 | S2, T2 | S2, T2 | S1, S2, T1, T2, T3 | | | | |
| BEES2041 | BIOS2031 | GEOS2821 | MSCI2001 | Science Elective | Free Elective | General Education | General Education |
| T1 | T3 | T2 | T1 | | | | |
| BIOS3091 | MSCI3001 | BIOS3081 or BIOS3681 | 6 UoC from Stage 3 Electives | Science Elective | Free Elective | Free Elective | Free Elective |
| T3 | T2 | T1 | | | | | |

**Program Structure**

| | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 108 UoC | **144 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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 1 Electives:** BIOS1301 (T1), GEOS1211 (T1)

**Stage 3 Electives:** GEOS3731 (T1), GEOS3921 (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

# Double Degree – Bachelor of Science with a major in Marine and Coastal Science

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BIOS1101 | GEOS1701 | MATH1041 | 6 UoC from Stage 1 Electives | | | |
| S1, T1, T3 | S2, T2 | S2, T2 | S1, S2, T1, T2, T3 | | | | |
| BEES2041 | BIOS2031 | GEOS2821 | MSCI2001 | | | | |
| T1 | T3 | T2 | T1 | | | | |
| BIOS3091 | MSCI3001 | BIOS3081 or BIOS3681 | 6 UoC from Stage 3 Electives | | | | |
| T3 | T2 | T1 | | | | | |
| Science Elective | Science Elective | Science Elective | | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 96 UoC | **192 UoC** |
| Science Electives | 18 UoC (3 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 1 Electives:** BIOS1301 (T1), GEOS1211 (T1)

**Stage 3 Electives:** GEOS3731 (T1), GEOS3921 (T3)

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

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

**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 – 3970 Bachelor of Science with a major in Materials Science (MATSB13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | MATH1131 (S1,S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | MATS1192 | PHYS1121 or PHYS1131 | Science Elective | Science Elective | Science Elective |
| | | | S1, S2, T1, T3 | S1, S2, T1, T2, T3 | | | |
| MATS2001 | MATS2003 | MATS2004 | MATS2006 | MATS2008 | Science Elective | Science Elective | Free Elective |
| T1 | T1 | T2 | T3 | T2 | | | |
| MATS3001 | MATS3002 | MATS3004 | General Education | General Education | Free Elective | Free Elective | Free Elective |
| T1 | T1 | T2 | | | | | |

| Program Structure | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 108 UoC | 144 UoC |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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

# Double Degree – Bachelor of Science with a major in Materials Science

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | MATH1131 (S1,S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | MATS1192 | PHYS1121 or PHYS1131 | | | |
| | | | S1, S2, T1, T3 | S1, S2, T1, T2, T3 | | | |
| MATS2001 | MATS2003 | MATS2004 | MATS2006 | MATS2008 | | | |
| T1 | T1 | T2 | T3 | T2 | | | |
| MATS3001 | MATS3002 | MATS3004 | | | | | |
| T1 | T1 | T2 | | | | | |
| Science Elective | Science Elective | Science Elective | | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 96 UoC | **192UoC** |
| Science Electives | 18 UoC (3 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**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.

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

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

**Progression check**
Name:
Date:
Student ID:
Advisor:

0 UOC Completed
0 UOC Remaining
(Including any enrolled courses)

UNSW SYDNEY **Science**

# **3970 Bachelor of Science** with a major in **Mathematics** (MATHM13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MATH1131 (S1,S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | Science Elective | Science Elective | Science Elective | Science Elective | Science Elective | Science Elective |
| | | | | | | | |
| MATH2011 or MATH2111 | MATH2121 or MATH2221 | MATH2501 or MATH2601 | MATH2521 or MATH2621 | MATH2801 or MATH2901 | Science Elective | Science Elective | 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 | Free Elective | Free Elective | Free Elective | General Education | General Education |
| | | | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 60 UoC (10 courses) | 108 UoC | **144 UoC** |
| Science Electives | 48 UoC (8 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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.

**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 Science** with a major in **Mathematics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MATH1131 (S1,S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | Science Elective | | | | | |
| MATH2011 or MATH2111<br>T1 | MATH2121 or MATH2221<br>T2 | MATH2501 or MATH2601<br>T2 | MATH2521 or MATH2621<br>T3 | MATH2801 or 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 | Science Elective | | | | |
| Science Elective | Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 60 UoC (10 courses) | 96 UoC | **192 UoC** |
| Science Electives | 36 UoC (6 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

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

**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.

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

**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 – 3970 Bachelor of Science with a major in Microbiology (MICRB13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BABS1202 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1 T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | General Education | General Education |
| S1, T1, T3 | S2, T2 | | | | | | |
| BABS2202 | BIOC2201 | MICR2011 | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Science Elective | Science Elective |
| T2 | T3 | 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 | Free Elective | Free Elective | Free Elective | Free Elective |
| | | | | | | | |

| Program Structure | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 108 UoC | **144 UoC** |
| Science Electives | 24 UoC (4 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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:**
BIOC2101 (T2), BABS2204 (or BABS2264) (T3)

**Stage 3 Electives:**
BABS3081 (T2), MICR3061 (T3), MICR3071 (T1), BABS3041 (T1), BABS3021 (or MICR3621) (T3), BABS3061 (T3), BABS3200 (S2)

**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 Science** with a major in **Microbiology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BABS1202 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1 T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | | | |
| S1, T1, T3 | S2, T2 | | | | | | |
| MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | BABS2202 | BIOC2201 | MICR2011 | 6 UoC from Stage 2 Electives | | | |
| | T2 | T3 | 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 | | | | |
| Science Elective | Science Elective | | | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 96 UoC | **192 UoC** |
| Science Electives | 12 UoC (2 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 2 Electives:**
BIOC2101 (T2), BABS2204 (or BABS2264) (T3)

**Stage 3 Electives:**
BABS3081 (T2), MICR3061 (T3), MICR3071 (T1), BABS3041 (T1), BABS3021 (or MICR3621) (T3), BABS3061 (T3), BABS3200 (S2)

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. Students may use their Science 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.

**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 – 3970 Bachelor of Science with a major in Molecular and Cell Biology (BIOCM13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>S1, T1, T3 | BABS1202<br>S2, T2 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | Science Elective | Science Elective |
| BABS2202<br>T2 | BIOC2101<br>T2 | BIOC2201<br>T3 | 6 UoC from Stage 2 Electives | General Education | General Education | Science Elective | Science Elective |
| BIOC3271 or BIOC3671<br>T3 | BIOC3261<br>T2 | 6 UoC from Stage 3 Electives | Science Elective | Free Elective | Free Elective | Free Elective | Free Elective |

| Program Structure | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 108 UoC | **144 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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:** MICR2011 (T1), BABS2204 (or BABS2264) (T3)

**Stage 3 Electives:** BABS3281 (T3), BIOC3111 (T2), BABS3121 (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 Science** with a major in **Molecular and Cell Biology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BABS1202 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | | | |
| S1, T1, T3 | S2, T2 | | | | | | |
| MATH1041 (S1, S2, T1, T2, T3) or MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | BABS2202 | BIOC2101 | BIOC2201 | 6 UoC from Stage 2 Electives | | | |
| | T2 | T2 | T3 | | | | |
| BIOC3271 or BIOC3671 | BIOC3261 | 6 UoC from Stage 3 Electives | | | | | |
| T3 | T2 | | | | | | |
| Science Elective | Science Elective | Science Elective | | | | | |
| | | | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 96 UoC | **192 UoC** |
| Science Electives | 18 UoC (3 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 2 Electives:** MICR2011 (T1), BABS2204 (or BABS2264) (T3)

**Stage 3 Electives:** BABS3281 (T3), BIOC3111 (T2), BABS3121 (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.

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

**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 – 3970 Bachelor of Science with a major in Neuroscience (NEURS13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | MATH1041 (S1, S2, T1, T2, T3) or MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) MATH1141 (S1, T1, T3) MATH1151 (S1, T1) | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | PSYC1001 | PSYC1011 | 6 UoC from Stage 1 Electives | Science Elective | Science Elective |
| S1, T1, T3 | | | S1, T1 | S2, T2 | | | |
| NEUR2201 | PHSL2101 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | Free Elective | Free Elective | General Education |
| T2 | T1 | | | | | | |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Science Elective | Science Elective | Free Elective | Free Elective | General Education |
| | | | | | | | |

**Program Structure**

| | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 108 UoC | **144 UoC** |
| Science Electives | 24 UoC (4 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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 (S2, T2), CHEM1021 (S2, T1, T3) (or CHEM1041) (S2, T2), PSYC1111 (S2, 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)

**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 Science with a major in Neuroscience

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>S1, T1, T3 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1 | MATH1041 (S1, S2) or MATH1031 (S1) or MATH1131 (S1, S2) or MATH1141 (S1) MATH1151 (S1) | PSYC1001<br>S1, T1 | PSYC1011<br>S2, 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 | | | | | |
| Science Elective | Science Elective | | | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 84 UoC (14 courses) | 96 UoC | **192 UoC** |
| Science Electives | 12 UoC (2 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 1 Electives:** BIOS1101 (S2, T2), CHEM1021 (S2, T1, T3) (or CHEM1041) (S2, T2), PSYC1111 (S2, 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.

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

**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 – 3970 Bachelor of Science** with a major in **Pathology** (PATHA13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BIOS1101 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | Science Elective | Science Elective | Science Elective | Science Elective |
| S1, T1, T3 | S2, T2 | | | | | | |
| ANAT2241 | PATH2201 | BIOC2181 or BIOC2101 | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Science Elective | General Education |
| T2 | T3 | T2 | | | | | |
| PATH3205 | PATH3206 | 6 UoC from Stage 3 Electives | Free Elective | Free Elective | Free Elective | Free Elective | General Education |
| T1 | T2 | | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 108 UoC | **144 UoC** |
| Science Electives | 42 UoC (7 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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)

**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 Science** with a major in **Pathology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | BIOS1101 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | | | | |
| S1, T1, T3 | S2, T2 | | | | | | |
| ANAT2241 | PATH2201 | BIOC2181 or BIOC2101 | 6 UoC from Stage 2 Electives | | | | |
| T2 | T3 | T2 | | | | | |
| PATH3205 | PATH3206 | 6 UoC from Stage 3 Electives | Science Elective | | | | |
| T1 | T2 | | | | | | |
| Science Elective | Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 96 UoC | **192 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Other degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**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.

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

**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 – 3970 Bachelor of Science with a major in Pharmacology (PHARA13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>S1, T1, T3 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | CHEM1021 (S2, T1, T3) or CHEM1041 (S2, T2) | MATH1041 (S1, S2, T1, T2, T3) or MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) MATH1151 (S1, T1) | Science Elective | Science Elective | Science Elective | Science Elective |
| PHAR2011<br>T3 | PHSL2101<br>T1 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Science Elective | General Education |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Free Elective | Free Elective | Free Elective | Free Elective | General Education |

| Program Structure | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 108 UoC | 144 UoC |
| Science Electives | 42 UoC (7 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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), BIOC2181 (or 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.

**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 Science** with a major in **Pharmacology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | CHEM1011 (S1, S2) or CHEM1031 (S1) | CHEM1021 (S2) or CHEM1041 (S2) | MATH1041 (S1, S2, T1, T2, T3) or MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) MATH1151 (S1, T1) | | | | |
| S1, T1, T3 | | | | | | | |
| PHAR2011 | PHSL2101 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | | | | |
| T3 | T1 | | | | | | |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Science Elective | | | | |
| Science Elective | Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 96 UoC | **192 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Other degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 2 Electives:** BABS2202 (T2), CHEM2021 (T2), CHEM2041 (T1, T3), PHSL2201 (T2), BIOC2181 (or 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.

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

**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 – 3970 Bachelor of Science with a major in Physical Oceanography (MATHN13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | PHYS1121 or PHYS1131 | PHYS1221 or PHYS1231 | Science Elective | Science Elective | Science Elective | Science Elective |
| | | S1, S2, T1, T2, T3 | S2, T1, T3 | | | | |
| MATH2011 or MATH2111 | MATH2121 or MATH2221 | MATH2241 | MATH2301 | Science Elective | Science Elective | Science Elective | General Education |
| T1 | T2 | T1 | T1 | | | | |
| MATH3041 | MATH3121 | MATH3261 | Free Elective | Free Elective | Free Elective | Free Elective | General Education |
| T2 | T1 | T1 | | | | | |

| Program Structure | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 108 UoC | 144 UoC |
| Science Electives | 42 UoC (7 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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 Science with a major in Physical Oceanography

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | PHYS1121 or PHYS1131<br>S1, S2, T1, T2, T3 | PHYS1221 or PHYS1231<br>S2, T1, T3 | | | | |
| MATH2011 or MATH2111<br>T1 | MATH2121 or MATH2221<br>T2 | MATH2241<br>T1 | MATH2301<br>T1 | | | | |
| MATH3041<br>T2 | MATH3121<br>T1 | MATH3261<br>T1 | Science Elective | | | | |
| Science Elective | Science Elective | Science Elective | Science Elective | | | | |

| Program Structure (Dual Degree Mode) | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 96 UoC | **192 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Other degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**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.

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

**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 – 3970 Bachelor of Science** with a major in **Physics** (PHYSL13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PHYS1121 or PHYS1131 (S1,S2, T1, T2, T3) or PHYS1141 (S1, T1) | PHYS1221 or PHYS1231 (S2, T1, T3) or PHYS1241 (S2, T2) | MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | Science Elective | Science Elective | Science Elective | Science Elective |
| PHYS2111 | PHYS2114 | MATH2089 | MATH2069 | Science Elective | General Education | Free Elective | Free Elective |
| T1 | T2 | T1, T2 | T3 | | | | |
| PHYS3111 | PHYS3112 | PHYS3113 | 6 UoC of Stage 2 or 3 PHYS course | 6 UoC of Stage 2 or 3 PHYS course | General Education | Free Elective | Free Elective |
| T2 | T1 | T1 | | | 1 | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 108 UoC | **144 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

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 and 3 electives:** PHYS2113 (T2), PHYS2801 (T1), PHYS3114 T3), PHYS3115 (T3), PHYS3116 (T3), PHYS3117 (T3) & PHYS3118 (T2)

Students who wish to take honours in Physics must take PHYS3114 Electrodynamics as one of their Physics electives.

**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)

*Information correct for students commencing the Bachelor of Science in 2018*

UNSW SYDNEY **Science**

# **Single Degree – 3970 Bachelor of Science** with a major in **Physiology** (PHSLA13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>S1, T1, T3 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | MATH1041 (S1, S2, T1, T2, T3) or MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) MATH1151 (S1, T1) | 6 UoC from Stage 1 Electives | Science Elective | Science Elective | Science Elective | Science Elective |
| PHSL2101<br>T1 | PHSL2201<br>T2 | 6 UoC from Stage 2 Electives | 6 UoC from Stage 2 Electives | Science Elective | Science Elective | Science Elective | General Education |
| 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | 6 UoC from Stage 3 Electives | Free Elective | Free Elective | Free Elective | Free Elective | General Education |

**Program Structure**

| | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 108 UoC | **144 UoC** |
| Science Electives | 42 UoC (7 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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 (S2, T2), CHEM1021 (S2,T1, T3) or CHEM1041 (S2, T2), PHYS1111 (S1, S2, T1, T3) (or PHYS1121 or PHYS1131) (S1, S2, T1, T2, T3)

**Stage 2 Electives:** NEUR2201 (T2), PHAR2011 (T3), BIOC2181 (or BIOC2101) (T2), BIOC2201 (T2)

**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 Science** with a major in **Physiology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201<br>S1, T1, T3 | CHEM1011 (S1, S2, T1, T2, T3) or CHEM1031 (S1, T1) | MATH1041 (S1, S2, T1, T2, T3) or MATH1031 (S1, T1, T3) or MATH1131 (S1, S2, T1, T2, T3) or MATH1141 (S1, T1, T3) MATH1151 (S1, 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 | Science Elective | | | | |
| Science Elective | Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 96 UoC | **192 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Other degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Stage 1 Electives:** BIOS1101 (S2, T2), CHEM1021 (S2,T1, T3) or CHEM1041 (S2, T2), PHYS1111 (S1, S2, T1, T3) (or PHYS1121 or PHYS1131) (S1, S2, T1, T2, T3)

**Stage 2 Electives:** NEUR2201 (T2), PHAR2011 (T3), BIOC2181 (or BIOC2101) (T2), BIOC2201 (T2)

**Stage 3 Electives:** NEUR3101 (T2), NEUR3121 (T1), NEUR3221 (T2), PHSL3211 (T2), PHSL3221 (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 your major, students must also take *Science Electives* to make a total of 96 UoC. Students may use their Science 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.

**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 – 3970 Bachelor of Science with a major in Psychology (PSYCA13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PSYC1001<br>S1, T1, T2 | PSYC1011<br>S2, T2 | PSYC1111<br>S2, T3 | Science Elective | Science Elective | Science Elective | Science Elective | Science Elective |
| PSYC2001<br>T1 | PSYC2061<br>T1 | PSYC2071<br>T3 | PSYC2081<br>T2 | PSYC2101<br>T3 | Free Elective | Free Elective | Free Elective |
| 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 | General Education | General Education | Free Elective |

| Program Structure | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 108 UoC | **144 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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)

**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 Science** with a major in **Psychology**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PSYC1001 | PSYC1011 | PSYC1111 | | | | | |
| S1, T1, T2 | S2, T2 | S2, T3 | | | | | |
| PSYC2001 | PSYC2061 | PSYC2071 | PSYC2081 | PSYC2101 | | | |
| 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 | | | |
| T1 | T3 | | | | | | |
| Science Elective | Science Elective | Science Elective | | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 78 UoC (13 courses) | 96 UoC | **192 UoC** |
| Science Electives | 18 UoC (3 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**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.

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

**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 – 3970 Bachelor of Science** with a major in **Statistics** (MATHT13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MATH1131 (S1,S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | Science Elective | Science Elective | Science Elective | Science Elective | Science Elective | Science Elective |
| MATH2011 or MATH2111 | MATH2501 or MATH2601 | MATH2801 or MATH2901 | MATH2831 or MATH2931 | Science Elective | Science Elective | Free Elective | Free Elective |
| T1 | T2 | T2 | T3 | | | | |
| MATH3801 or MATH3901 | MATH3811 or MATH3911 | MATH3821 | MATH3831 (T2) or MATH3841 (T2) or MATH3851 (T3) or MATH3871 (T3) | Free Elective | Free Elective | General Education | General Education |
| T1 | T1 | T2 | | | | | |

**Program Structure**

| | | | |
|---|---|---|---|
| Major | 60 UoC (10 courses) | 108 UoC | **144 UoC** |
| Science Electives | 48 UoC (8 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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 Science** with a major in **Statistics**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MATH1131 (S1,S2, T1, T2, T3) or MATH1141 (S1, T1, T3) | MATH1231 (S2, T1, T2, T3) or MATH1241 (S2, T1, T2) | Science Elective | Science elective | | | | |
| MATH2011 or MATH2111<br>T1 | MATH2501 or MATH2601<br>T2 | MATH2801 or MATH2901<br>T2 | MATH2831 or MATH2931<br>T3 | | | | |
| MATH3801 or MATH3901<br>T1 | MATH3811 or MATH3911<br>T1 | MATH3821 | MATH3831 (T2) or MATH3841 (T2) or MATH3851 (T3) or MATH3871 T3) | | | | |
| Science Elective | Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 60 UoC (10 courses) | 96 UoC | **192 UoC** |
| Science Electives | 36 UoC (6 courses) | | |
| Other Degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Note:** ^Courses numbered from MATH3000 to MATH3699 or MATH6700 to MATH6899 inclusive are non-statistics Mathematics courses.

**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.

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

**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**

# **3970 Bachelor of Science** with a major in **Vision Science** (VISNA13970)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | VISN1111 | VISN1101 | VISN1221 | Science Elective | Science Elective | General Education | General Education |
| S1, T1, T3 | S1, T2 | S2, T1 | S2, T3 | | | | |
| ANAT2111 | VISN2111 | PHSL2101 | VISN2211 | PHSL2201 | Science Elective | Science Elective | Science Elective |
| T1, T2 | T2 | T1 | T3 | T2 | | | |
| VISN3111 | VISN3211 | Science Elective | Science Elective | Free Elective | Free Elective | Free Elective | Free Elective |
| T1 | | | | | | | |

| **Program Structure** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 108 UoC | **144 UoC** |
| Science Electives | 42 UoC (7 courses) | | |
| Free Electives | 24 UoC (4 courses) | 36 UoC | |
| General Education | 12 UoC (2 courses) | | |

*Information correct for students commencing the Bachelor of Science in 2018*

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.

**Check the Vision Science Major page in the Handbook for recommended electives.**

**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 Science** with a major in **Vision Science**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| BABS1201 | VISN1111 | VISN1101 | VISN1221 | | | | |
| S1, T1, T3 | S1, T2 | S2, T1 | S2, T3 | | | | |
| ANAT2111 | VISN2111 | PHSL2101 | VISN2211 | PHSL2201 | | | |
| T1, T2 | T2 | T1 | T3 | T2 | | | |
| VISN3111 | TBD | Science Elective | | | | | |
| T1 | | | | | | | |
| Science Elective | Science Elective | Science Elective | Science Elective | | | | |

| **Program Structure (Dual Degree Mode)** | | | |
|---|---|---|---|
| Major | 66 UoC (11 courses) | 96 UoC | **192 UoC** |
| Science Electives | 30 UoC (5 courses) | | |
| Other degree* | 96 UoC (16 courses) | | |

*Information correct for students commencing the Bachelor of Science on dual mode in 2018*
**This template is not suitable for Engineering or Law dual degrees – please see Science faculty*

**Check the Vision Science Major page in the Handbook for recommended electives.**

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

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

**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)