

Science

# Bachelor of Science (3970)

2019 Commencing Students

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

Major	72 UoC (12 courses)
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Science Electives are courses taken from within the Faculty of Science, as defined by 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 ~~GEN~~ 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.

Dual Degree Bachelor of Science **with a major in**  
Anatomy

Major	72 UoC (12 courses)
Science Electives	24 UoC

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

Science Electives **are courses taken from within the**

## Dual Degree Bachelor of Science **with a major in** Bioinformatics

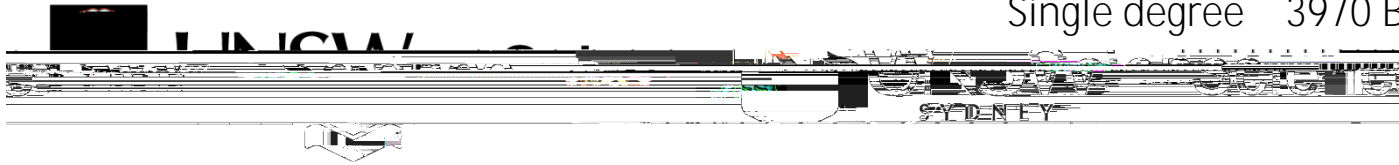
BABS1201	COMP1511	CHEM101†(T1, T2, T3) or CHEM103†(T1)	CHEM102†(T1, T3) or CHEM104†(T2)	MATH113†(T1, T2, T3) or MATH114†(T1, T3)	MATH123†(T1, T2, T3) or MATH124†(T1, T2)		
T1, T3	T1, T2, T3						
BINF2010	BIOC2201		6 UoC from: MATH280† or MATH2901		COMP2521		
T3	T3	T2			T1, T2, T3		

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

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.

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



Single degree 3970 Bachelor of Science with a major in

Biology (BIOSJ13970)

BABS1201 T1, T3	BIOS1101 T2	BIOS1301 T1	MATH1041 T1, T2, T3	General Education	General Education	Science Elective	Science Elective
BEES2041 T1	BABS2204r BABS2264 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)		

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

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

Stage 3 Electives: BIOS3011 (T2), BIOS3061 (T3), BIOS3161 (T1), BIOS3171 (T3), BIOS3221 (T3), BIOS3601 (T1), BIOS6671 (or BIOS3671) (T3), BIOS3081 (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 \_\_\_\_\_ in the Online Handbook.

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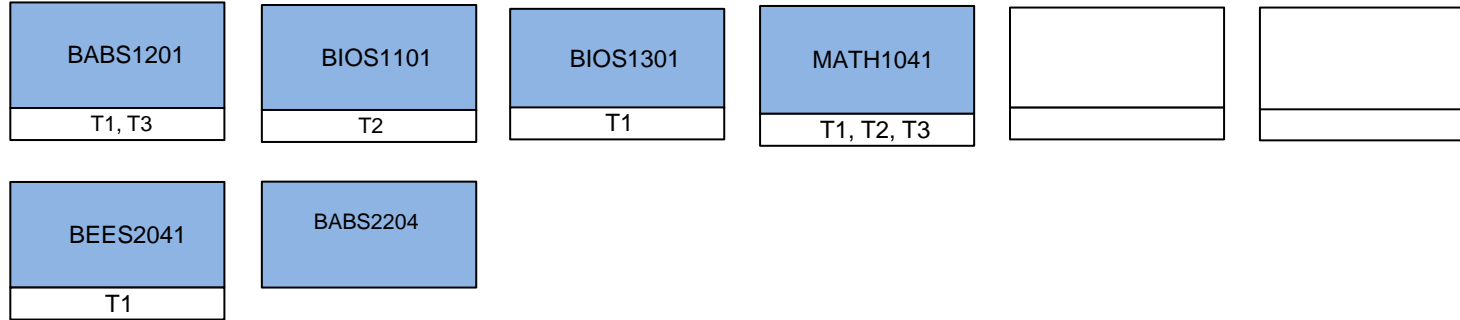
General Education courses cannot be Science courses, and Science students cannot take GEN courses for their General Education.

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)

# Dual Degree Bachelor of Science with a major in Biology



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 (T1), BIOS2031 (T3), BIOS2051 (T3), BIOS2061 (T2)

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

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

Major	84 UoC (14 courses)
Science Electives	

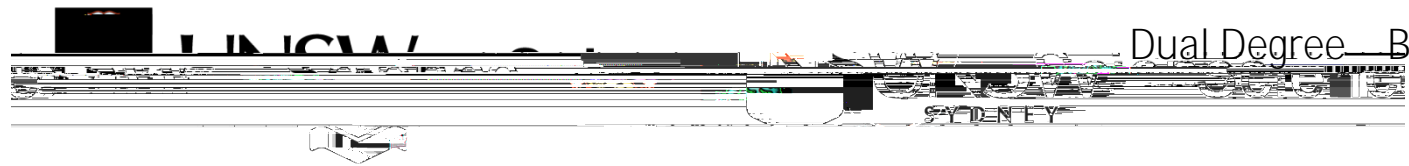
Science Electives are courses taken from within the Faculty of Science, as defined by in the Online Handbook.

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

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# Dual Degree Bachelor of Science with a major in Biotechnology

BABS1201 S1, T1, T3	BABS1202 S2, T2	CHEM101†(T1, T2, T3) or CHEM103†(T1)	CHEM102†(T1, T3) or CHEM104†(T2)	MATH103†(T1, T3) or MATH113†(T1, T2, T3) or MATH114†(T1, T3)			
MATH104†(T1, T2, T3) or MATH123†(T1, T2, T3) or MATH124†(T1, T2)	BABS2011 T1	BIOC2201 T3	MICR2011 T1				
BIOC2101 T2	BABS3031 T2	BABS3071 T1	Science Elective				
BABS3061 T3	BABS3200 T3	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)		

Science Electives are courses taken from within the Faculty of Science, as defined by 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)



Dual Degree Bachelor of Science **with a major in**



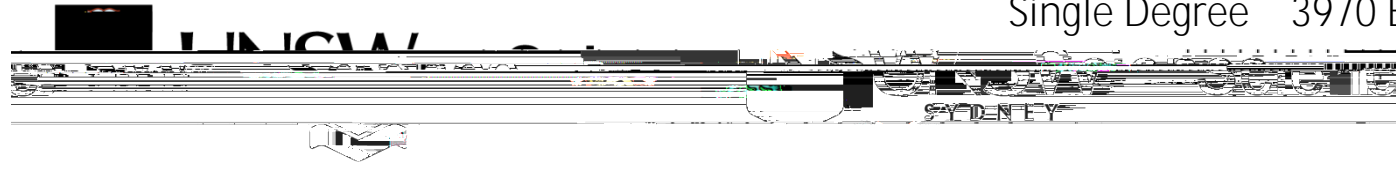
# Dual Degree Bachelor of Science with a major in Earth Science

Major	78 UoC (13 courses)	96 UoC	
Science Electives	18 UoC (3 courses)		
Other Degree*	96 UoC (16 courses)		

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

Stage 3 Electives:  
 GEOS3071 (T2), GEOS3281 (T2), GEOS3371 (T2), GEOS3761 (T2), GEOS3811 (T3),  
 GEOS3821 (T1)

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

In addition to the courses required for your major, students must also take \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ 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)

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

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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)



Single Degree 3970 Bachelor of Science **with a major in**  
Food Science (FOODH13970)

In addition to the courses required for your major, students must also take  
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Free Electives may be from Science or from any other Faculty at UNSW.

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

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

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

Free Electives **may be** from Science or from any

Dual Degree

Single Degree 3970 Bachelor of Science with a major in  
 Geography (GEOGG13970)

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 their Science Electives and/or Free Electives to complete a second major or minor. Science Electives are courses taken from within the Faculty of Science, as defined by in the Online Handbook.

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

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

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

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Please Note:

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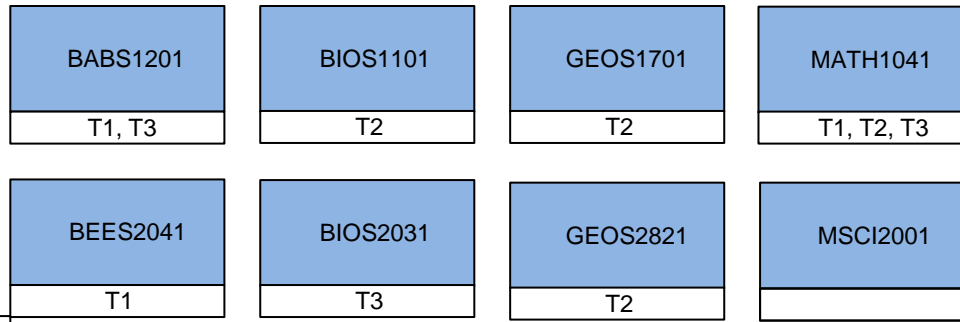
Single Degree 3970 Bachelor of Science **with a major in**  
Marine and Coastal Science (MSCIM1397)

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

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

General Education courses ~~cannot~~ be Science

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



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

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

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

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

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



Dual Degree Bachelor of Science **with a major in**  
Mathematics

MATH1131

Single Degree 3970 Bachelor of Science with a major in  
Microbiology (MICRB13970)

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)		

In addition to the courses required for your major, students must also take \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ courses. Students may use their Science Electives and/or Free Electives to complete a ss

Science Electives are courses taken from within the Faculty of Science, as defined by \_\_\_\_\_ in the Online Handbook.

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Dual Degree Bachelor of Science **with a major in**  
Microbiology

Single Degree 3970 Bachelor of Science **with a major in**  
Molecular and Cell Biology (BIOCM1397)

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

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

General Education courses ~~cannot~~ be Science

## Dual Degree Bachelor of Science with a major in Molecular and Cell Biology

BABS1201	BABS1202	CHEM101†(T1, T2, T3) or CHEM1031 (T1)	CHEM102†(T1, T3) or CHEM104†(T2)	MATH103†(T1, T3) or MATH113†(T1, T2, T3) or MATH114†(T1, T3)			
T1, T3	T2						
MATH104†(T1, T2, T3) or MATH123†(T1, T2, T3) or MATH124†(T1, T2)	BABS2202	BIOC2101	BIOC2201	6 UoC from Stage 2 Electives			
	T2	T2	T3				
		BABS3121	BIOC3111				
		T1	T2				

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)		

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

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

Science Electives **are courses taken from within the**

# Dual Degree Bachelor of Science with a major in Neuroscience

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)		

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

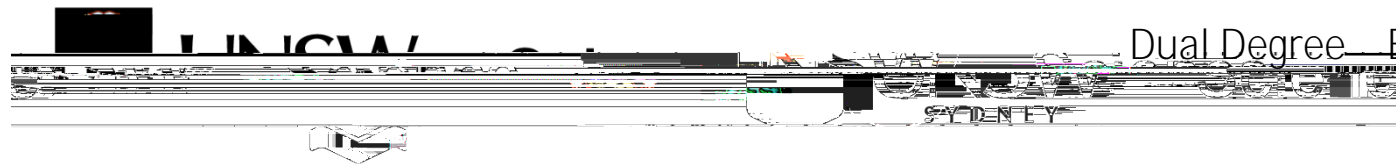
Stage 2 Electives: PHAR2011 (T3), PSYC2001 (T1), PSYC2081 (T2), ANAT2511 (T3) (or ANAT2111) (T1, T2)

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

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# Dual Degree Bachelor of Science with a major in Pathology

BABS1201 T1, T3	BIOS1101 T2	CHEM101 (Tr1, T2, T3) or CHEM103 (Tr1)	CHEM102 (Tr1, T3) or CHEM104 (Tr2)				
ANAT2241 T2	PATH2201 T3	BIOC2181 or BIOC2101 T2	6 UoC from Stage 2 Electives				
PATH3205 T1	PATH3206 T2	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)		

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

Stage 3 Electives: BABS304(T1), PATH3207 (T3), SOMS3232 (T3)

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In addition to the courses required for your major, students must also take \_\_\_\_\_ to make a total of 96UoC. 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 \_\_\_\_\_ 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)

Single Degree 3970 Bachelor of Science with a major in  
Pharmacology (PHARA13970)

Major	66 UoC (11 courses)	
Science Electives	42 UoC (7 courses)	
Free Electives	24 UoC (4 courses)	
General Education	12 UoC (2 courses)	

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Dual Degree Bachelor of Science **with a major in**  
Pharmacology

Major	66 UoC (11 courses)	96 UoC	192 UoC
Science Electives	30 UoC (5 courses)		
Other degree*	96 UoC (16 courses)		

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**

Single Degree 3970 Bachelor of Science **with a major in**  
Physical Oceanography (MATHN1397)

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

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

General Education





Dual Degree Bachelor of Science **with a major in**  
Physics

In addition to the courses required for your major, students must also take \_\_\_\_\_ to make a total of 96UoC 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 \_\_\_\_\_ in the Online Handbook.

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

Major	66 UoC
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Science Electives are courses taken from within the Faculty of Science, as defined by in the Online Handbook.

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Dual Degree Bachelor of Science **with a major in**

Single Degree 3970 Bachelor of Science with a major in  
Psychology (PSYCA13970)

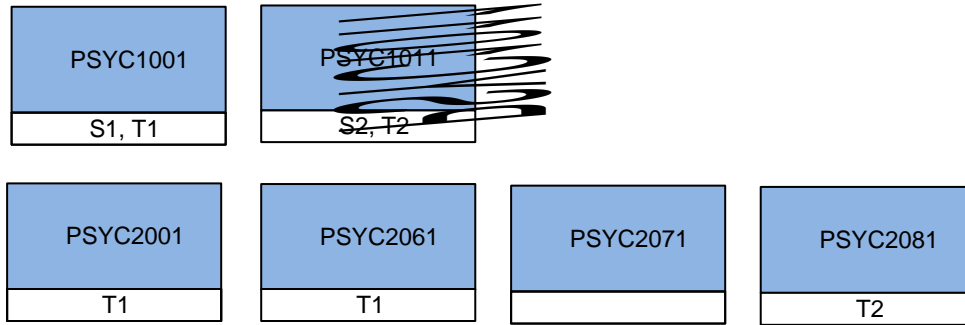
Major	78 UoC (13 courses)	108 UoC
Science Electives	30 UoC (5 courses)	
Free Electives	24 UoC (4 courses)	
General Education	12 UoC (2 courses)	

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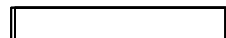


Program Structure (Dual Degree Mode)			
Major	78 UoC (13 courses)	96 UoC	192 UoC
Science Electives	18 UoC (3 courses)		
Other Degree*	96 UoC (16 courses)		

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

Elective Stream B:  
 PSYC3121 (T3), PSYC3301 (T2), PSYC3331 (T3)

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Single Degree 3970 Bachelor of Science

Dual Degree Bachelor of Science **with a major in**  
Statistics

Please Note:

Major	60 UoC (10 courses)	96 UoC	192 UoC
Science Electives	36 UoC (6 courses)		
Other Degree*	96 UoC (16 courses)		



Dual Degree Bachelor of Science **with a major in**  
Vision Science

