Science

Bachelor of Advanced Science (Honours) (3962)

Approved Major	Page

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

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

SCIF1131 (S1, S2) T1, T3	MATH1141 (S1) T1, T3	MATH1241 (S2) T1, T2	PHYS1121 (S1,S2) or PHYS1131 (S1,S2) T1/T2, T3	PHYS1221 (Summer,S2) or PHYS1231 (Summer,S2) T1, T3			
MATH2111 S1, T1	MATH2221 S2, T2	MATH2241 S1, T1	MATH2301 S1, T1	MATH2901 S1, T2	PHYS2801 S1, T1		
MATH3041 S1, T2	MATH3101 S1, T3	MATH3121 S2, T1	MATH3261 S2, T1	MSCI3001 S2/, T2			

Program Structure (Dual Degree Mode)			
Major	90 UoC (15 courses)	144 UoC	240 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Honours Year	48 UoC		
Other Degree*	96 UoC (16 courses)		

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

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

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

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

Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2016
**This template is not suitable for Engineering or Law dual degrees ς please see Science faculty*

Single Degree ç 3962 Bachelor of Advanced Science (Honours) with a major in Advanced Physics (PHYSC13962)

SCIF1121 (N/A) or SCIF1131 (S1/S2) T1, T3	PHYS1131 (S1, S2, T1, T2, T3) or PHYS1141 (S1,T1)	PHYS1231 (Summer, S2, T1, T3) or PHYS1241 (S2, T2)	MATH1131 (S1,S2, T1, T2, T3) or MATH1141 (S1, T1, T3)	MATH1231 (Summer, S2, T1, T2, T3) or MATH1241 (S2, T1, T2)	General Education	General Education	Free Elective
MATH2069 S1, T3	MATH2089 S1, S2, T1, T2	PHYS2111 S1, T1	PHYS2113 S1, T2	PHYS2114 S2, T2	Free Elective	Free Elective	Free Elective
PHYS3111 S1, T2	PHYS3112 S1, T1	PHYS3113 S1, T1	PHYS3114 S2, T3	6 UoC from Stage 3 electives	6 UoC from Stage 3 electives	Science Elective	Science Elective

Program Structure			
Major	90 UoC (15 courses)	156 UoC	192 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Science Electives	12 UoC (2 courses)		
Honours Year	48 UoC		
Free Electives	24 UoC (4 courses)	36 UoC	
General Education	12 UoC (2 courses)		

Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2016

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

Stage 3 Electives:
PHYS2801 (S1,T1), PHYS3115 (S2, T3), PHYS3116 (S2,T3), PHYS3117 (S2,T3), PHYS3118 (S2, T2)

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

Progression check

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.

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

SCIF1121 (N/A) or SCIF1131 (S1/S2) T1, T3	PHYS1131 (S1, S2, T1, T2, T3) or PHYS1141 (S1,T1)	PHYS1231 (Summer, S2, T1, T3) or PHYS1241 (S2, T2)	MATH1131 (S1,S2, T1, T2, T3) or MATH1141 (S1, T1, T3)	MATH1231 (Summer, S2, T1, T2, T3) or MATH1241 (S2, T1, T2)			
MATH2069 S1, T3	MATH2089 S1, S2, T1,T2	PHYS2111 S1, T1	PHYS2113 S1, T2	PHYS2114 S2, T2			
PHYS3111 S1, T2	PHYS3112 S1, T1		PHYS3114 S2, T3	6 UoC from Stage 3 electives	6 UoC from Stage 3 electives		

Program Structure (Dual Degree Mode)			
Major	90 UoC (15 courses)	144 UoC	240 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Honours Year	48 UoC		
Other Degree*	96 UoC (16 courses)		

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

Stage 3 Electives:
PHYS2801 (S1, T1), PHYS3115 (S2/T3), PHYS3116 (S2/T3), PHYS3117 (S2/T3), PHYS3118 (S2/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.

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

Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2016
**This template is not suitable for Engineering or Law dual degrees ς please see Science faculty*

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Archaeology and Palaeoenvironments

SCIF1121 (N/A) or SCIF1131 (S2) T1,T3	BABS1201 S1, Summer, T1, T3	BIOS1101 S2, T2	GEOS1211 S1, T1	MATH1041 S1, S2, T1,T2,T3			
BABS2264 S2, T1	GEOS2071 S1, T1	Science Elective					
BABS3151 S1, T1	BIOS3111	BIOS3701	GEOS3761 S2, T2				
BIOS3721	Science Elective	Science Elective	Science Elective				

Program Structure (Dual Degree Mode)			
Major	66 UoC (11 courses)	144 UoC	240 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Science Electives	24 UoC (4 courses)		
Honours Year	48 UoC		
Other Degree*	96 UoC (16 courses)		

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2016*This template is not suitable for Engineering or Law dual degrees ς please see Science faculty*

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

Please Note: Semester 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.

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

In addition to the courses required for the major, students may also choose to complete an optional minor using their *Science Electives*.

Students who intend to complete a minor should be aware that it may involve extra time and cost to complete.

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

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

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

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Bioinformatics

SCIF1121 (N/A) or SCIF1131 (S2)	BABS1201 (T1, Summer)	COMP1917		CHEM1011 (S1,S2/T1,T2,T3) or CHEM1031 (S1, T1)	CHEM1021 (Summer, S2, T1, T3) or CHEM1041 (S2, T2)	MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1)	MATH1041
T1, T3	T1,T3	S1, S2					
				Stage 3 Science Elective			

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

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

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

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

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

Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2016
**This template is not suitable for Engineering or Law dual degrees ς please see Science faculty*

Single Degree ς 3962 Bachelor of Advanced Science (Honours)with a major in Biological Science (BIOSB13962)

Dual Degree ς Bachelor of Advanced Science (Honours)with a major in Biological Science

SCIF1121 (N/A) or SCIF1131 (S2) T1, T3	BABS1201 (s1, Summer) T1,t3	BIOS1101 S2, T2	BIOS1301 S1, T1	MATH1041 S1, S2, T1,T2,T3	CHEM1011 (S1,S2/ T1, T2,T3) or CHEM1031 (S1, T1)		
BABS2264 S2, T3	BEES2041 S1, T1	BIOS2011 S2, T2	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives			
6 UoC of level 3 Biological Science courses	6 UoC of level 3 Biological Science courses	6 UoC of level 3 Biological Science courses	6 UoC of level 3 Biological Science courses	6 UoC of level 3 Biological Science courses			

Program Structure (Dual Degree Mode)			
Major	90 UoC (15 courses)	144 UoC	240 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Honours Year	48 UoC		
Other Degree*	96 UoC (16 courses)		

Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2016
**This template is not suitable for Engineering or Law dual degrees ς please see Science faculty*

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

Stage 2 Electives: BIOS2031 (S2, T3), BIOS2051 (S2, T3), BIOS2061 (S1, 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.

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

Please Note:

Single Degree ς 3962 Bachelor of Advanced Science (Honours) with a major in Biotechnology (BIOTB13962)

SCIF1121 (N/A) or SCIF1131 (S2)	BABS1201 (s1, Summer)	BABS1202	CHEM1011 (S1,S2, T1, T2, T3) or CHEM1031 (S1, T1)	CHEM1021 (Summer, S2/ T1, T3) or CHEM1041 (S2, T2)	MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1)	MATH1041 (S1,S2) or MATH1231 (Summer, S2) or MATH1241 (S2)
T1, T3	T1,T3	S2, T2				
BABS2202	BIOC2201	MICR2011	6 UoC from: BABS2264 (S2, T3) or BIOC2101 (S1, T2)	6 UoC from Stage 2 Electives		
S2, T2	S2, T3	S1, T1				
BABS3071	BABS3061	BABS3631	6 UoC from Stage 3 Electives	Stage 3 Science Elective		
S1, T1	S2, T3	S2, T2				

Major	90 UoC (15 courses)	156 UoC	192 UoC
SCIF1121 or SCIF1131			
Science Electives	12 UoC (2 courses)		
Honours Year	48 UoC		
Free Electives	24 UoC (4 courses)	36 UoC	
General Education	12 UoC (2 courses)		

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

Stage 2 Electives: BABS2011 (S2, T1), BIOS2011 (S2, T2), CHEM2021 (S2,T2), CHEM2041 (S1, S2/T1,T3), PHSL2101 (S1, T1)

Stage 3 Electives: BABS3041 (S1, T1), BABS3200 (S2), BABS3081 (S1, T2), BABS3151 (S1, T1), BABS3281 (S2, T3), BABS3291 (S2, T2), BIOC3111 (S1,T2), BIOC3261 (S2,T2), BIOC3671 (S2,T3), BABS3200 (S2), CHEM3901 (S2, T3), FOOD3010 (S1), MICR3061 (S2, T3), MICR3071 (S1, T1), MICR3621 (S2, T3)

Note: A student can specialise in a particular area of Biotechnology by selecting certain electives. Refer to the handbook to find recommended elective choices.

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.

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Biotechnology

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

Single Degree ς 3962 Bachelor of Advanced Science (Honours) with a major in Chemistry (CHEMB13962)

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

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Chemistry

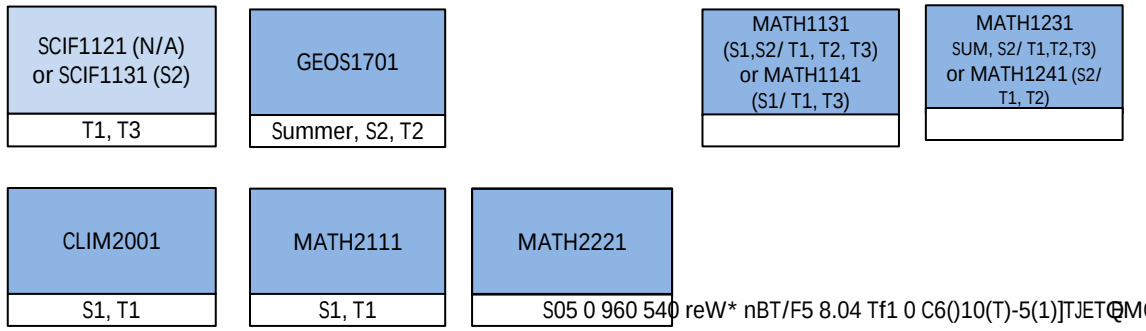
All students in Advanced Science must complete an Honours year of 48 UoC.

Level III Chemistry: CHEM3011 (S1, T3), CHEM3021 (S1, T1), CHEM3031 (S1, T2), CHEM6041 (S2, T1)

Electives: CHEM3901 (S2, T3), CHEM6701 (S1, T1), CHEM6702 (S2, T2)

Please Note:

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



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

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

Stage 3 Electives:
MATH3041 (S1, T2), MATH3101 (S1, T3), MATH3121 (S2, T1), MATH3201 (S2, T2)

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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.

All students in Advanced Science must complete an Honours

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

SCIF1121 (N/A) or SCIF1131 (S2)	GEOS1701	CHEM1011 (S1,S2/ T1,T2,T3) or CHEM1031 (S1/T1)	PHYS1121 (S1, S2) or PHYS1131 (S1, S2)	MATH1131 (S1,S2/T1,T2, T3) or MATH1141 (S1/ T1,T3)	MATH1231 (Sum, S2/T1,T2,T3) or MATH1241 (S2/ T1,T2)	General Education	General Education
T1, T3	S2, Summer, T2		T1, T2, T3				
CLIM2001	CVEN2701	MATH2241	6 UoC from Stage 2 electives	Free Elective	Free Elective	Free Elective	Free Elective
S1, T1	S2, T2	S1, T1					
CLIM3001	MSCI3001	SCIF3041	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Science Elective	Science Elective	Science Elective
S1, T1	S2, T2	S1, S2, T1,T2,T3					

Program Structure			
Major	84 UoC (14 courses)	156 UoC	192 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Science Electives	18 UoC (3 courses)		
Honours Year	48 UoC		
Free Electives	24 UoC (4 courses)	36 UoC	
General Education	12 UoC (2 courses)		

Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2016

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

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

Stage 2 Electives: GEOS2241 (S2, T3), GEOS2291 (S2, T3), GEOS2711 (S2,T2), GEOS2821 (S1, T2), MATH2301 (S1, T1), MATH2901 (S1, T2)

Stage 3 Electives: CVEN3501 (S1), GEOS3761 (S2,T2), GEOS3821 (S2,T1), GEOS3921 (S2, 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 Enrolled

_____UOC Remaining

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

SCIF1121 (N/A) or SCIF1131 (S2)	GEOS1701	CHEM1011 (S1,S2/ T1, T2, T3) or CHEM1031 (S1, T1)	PHYS1121 (S1, S2) or PHYS1131 (S1, S2)	MATH1131 (S1,S2/ T1, T2,T3) or MATH1141 (S1, T1, T3)	MATH1231 (Sum, S2, T1,T2,T3) or MATH1241 (S2, T1, T2)
T1,T3	S2, Summer, T2		T1, T2, T3		
CLIM2001	CVEN2701	MATH2241	6 UoC from Stage 2 electives		
S1, T1	S2, T2	S1, T1			
CLIM3001	MSCI3001	SCIF3041	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	
S1, T1	S2, T2	S1, S2, T1, T2, T3			

Honours Year	

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

Stage 2 Electives: GEOS2241 (S2, T3), GEOS2291 (S2, T3), GEOS2711 (S2,T2), GEOS2821 (S1, T2), MATH2301 (S1, T1), MATH2901 (S1, T2)

Stage 3 Electives: CVEN3501 (S1), GEOS3761 (S2,T2), GEOS3821 (S2,T1), GEOS3921 (S2, 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.

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

Single Degree ç 3962 Bachelor of Advanced Science (Honours) with a major in Ecology (BIOSA13962)

SCIF1121 (N/A) or SCIF1131 (S2)	BIOS1101	BIOS1301	GEOS1701 (S2, Summer)	MATH1041 (S1,S2)	General Education	General Education	Free Elective
T1,T2,T3	S2, T2	S1, T1	T2	T1,T2,T3			
BEES2041	BIOS2011	GEOS2711	6 UoC from Stage 2 Electives	Free Elective	Free Elective	Free Elective	Science Elective
S1, T1	S2, T2	S2, T2					
BIOS3601	BIOS3671	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Stage 3 Science Elective	Science Elective	Science Elective	Science Elective
S1, T1	S2, T2						

Program Structure			
Major	72 UoC (12 courses)	156 UoC	192 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Science Electives	30 UoC (5 courses)		
Honours Year	48 UoC		
Free Electives	24 UoC (4 courses)	36 UoC	
General Education	12 UoC (2 courses)		

Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2016

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

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

Stage 2 Electives:
BIOS2031 (S2, T3), BIOS2051 (S2, T3), BIOS2061 (S1, T1)

Stage 3 Electives:
BIOS3061 (S2, T3), BIOS3091 (S2, T3), BIOS3161 (S1, T3), BIOS3681 (S1, T1)

Please Note: Semester 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.

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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 Enrolled

_____UOC Remaining

Double Degree ς Bachelor of Advanced Science (Honours) with a major in Ecology

SCIF1121 (N/A) or SCIF1131 (S2)	BIOS1101	BIOS1301	GEOS1701 (s2, summer)	MATH1041 (S1,S2)
T1,T3	S2, T2	S1, T1	T2	T1,T2,T3
BEES2041	BIOS2011	GEOS2711	6 UoC from Stage 2 Electives	
S1, T1	S2, T2	S2, T2		
BIOS3601	BIOS3671	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	
S1, T1	S2, T2			
Stage 3 Science Elective				

Program Structure (Dual Degree Mode)			
Major	72 UoC (12 courses)	144 UoC	240 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Science Electives	18 UoC (3 courses)		
Honours Year	48 UoC		
Other Degree*	96 UoC (16 courses)		

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

Stage 2 Electives: BIOS2031 (S2, T3), BIOS2051 (S2, T3), BIOS2061 (S1, T1)

Stage 3 Electives: BIOS3061 (S2, T3), BIOS3091 (S2, T3), BIOS3161 (S1, T3), BIOS3681 (S1, T1)
Please Note: Semester 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.

Single Degree ς 3962 Bachelor of Advanced Science (Honours)

with a major in Genetics (BIOCG13962)

SCIF1121 (N/A) or SCIF1131 (S2)	BABS1201 (summer, S1)	BABS1202	CHEM1011 (S1,S2/T1,T2,T3) or CHEM1031 (S1, T1)	CHEM1021 (Summer, S2/T1,T3) or CHEM1041 (S2, T2)	MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1)	MATH1041 (S1,S2) or MATH1231 (Summer, S2) or MATH1241 (S2)
T1,T3	T1,T3	S2, T2				
BABS2202	BABS2264	BIOC2201	6 UoC from BIOC2101 (S1, T2) or MICR2011 (S1, T1)			
S2, T2	S2, T3	S2, T3				
BABS3151		MICR3621	6 UoC from BABS3281 (S2, T3) or BINF3010 (S1)	Stage 3 Science Elective		
S1, T1	S2, T2	S2, T3				

Major	84 UoC (14 courses)

Science Electives	18 UoC (3 course)
Honours Year	48 UoC

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

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

Please Note: Semester 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.

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Genetics

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

Please Note:

Single Degree

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Geochemistry

SCIF1121 (N/A) or SCIF1131 (S2)	CHEM1031	CHEM1041	MATH1041 (S1,S2)	6 UoC from Stage 1 Electives	6 UoC from Stage 1 Electives
T1,T3	S1, T1	S2, T2	T1,T2,T3		
BEES2041	GEOS2181	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives	6 UoC from Stage 2 Electives	
S1, T1	S1, T2				
GEOS3281	GEOS3761	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	
S1, T1	S2, T2				

Major

Other Degree*	96 UoC (16 courses)

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

Stage 1 Electives: GEOS1111 (S2, T3), GEOS1211 (S1, T1), GEOS1701 (Summer, S2, T2), PHYS1111 (T1,T3) (or PHYS1121 or PHYS1131) (S1, S2/, T1,T2,T3)

Stage 2 Electives: CHEM2011 (S1, T2), CHEM2021 (S2,T2), CHEM2031 (S2,T3), CHEM2041 (S1, S2, T1,T3)

Stage 3 Electives: CHEM3011 (S1,T3), CHEM3021 (S1,T1), CHEM3031 (S1,T2), CHEM6041 (S2,T1)

3962 Bachelor of Advanced Science (Honours) with a major in Human Geography (GEOGU13962)

SCIF1121 (N/A) or

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

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

Stage 3 Electives:
GEOS3811(S1,T3), GEOS3821 (S2,T1)

Please Note: Semester 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.

Single Degree ς 3962 Bachelor of Advanced Science (Honours) with a major in Marine and Coastal Science (MSCIS13962)

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

Free Electives

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

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

Please Note:

Single Degree ς 3962 Bachelor of Advanced Science (Honours)

with a major in Microbiology (MICRE13962)

SCIF1121 (N/A) or SCIF1131 (S2)	BABS1201 (summer, S1)	BABS1202	CHEM1011 (S1,S2/T1,T2,T3) or CHEM1031 (S1,T1)	CHEM1021 (Summer, S2/T1,T3) or CHEM1041 (S2,T2)	MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1)	MATH1041 (S1,S2) or MATH1231 (Summer, S2) or MATH1241 (S2)	
T1,T3	T1,T3	S2, T2					
BABS2202	BIOC2201	MICR2011	6 UoC from BABS2264 (S2/T3) or BIOC2101 (S1/T2)				
S2, T2	S2, T3	S1, T1					
6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	Stage 3 Science Elective			

Program Structure			
Major	84 UoC (14 courses)	156 UoC	192 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Science Electives	18 UoC (3 courses)		
Honours Year	48 UoC		
Free Electives	24 UoC (4 courses)	36 UoC	
General Education	12 UoC (2 courses)		

Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2016

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

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

Stage 3 Electives:
BABS3081 (S1, T2), MICR3061 (S2, T3), MICR3071 (S1, T1), BABS3041 (S1, T1), MICR3621 (S2, T3), BABS3061 (S2, T3), BABS3200 (S2)

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

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.

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Microbiology

SCIF1121 (N/A) or SCIF1131 (S2)	BABS1201 (summer, S1)	BABS1202	CHEM1011 (S1,S2/T1,T2,T3) or CHEM1031 (S1, T1)	CHEM1021 (Summer, S2/ T1, T3) or CHEM1041 (S2/ T2)	MATH1031 (S1) or MATH1131 (S1,S2) or MATH1141 (S1)
	T1,T3	S2, T2			
MATH1041 (S1,S2) or MATH1231 (Summer, S2) or MATH1241 (S2)	BABS2202	BIOC2201	MICR2011	6 UoC from BABS2264 (S2/T3) or BIOC2101 (S1/T1)	
	S2, T2	S2, T3	S1, 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		

Program Structure (Dual Degree Mode)			
Major	84 UoC (14 courses)	144 UoC	240 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Science Electives	6 UoC (1 courses)		
Honours Year	48 UoC		
Other Degree*	96 UoC (16 courses)		

Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2016
**This template is not suitable for Engineering or Law dual degrees ς*

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

Stage 3 Electives:
BABS3081 (S1, T2), MICR3061 (S2, T3), MICR3071 (S1, T1), BABS3041 (S1, T1), MICR3621 (S2, T3), BABS3061 (S2, T3), BABS3200 (S2)

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

Single Degree ς 3962 Bachelor of Advanced Science (Honours) with a major in Molecular and Cell Biology (BIOCL13962)

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

3962 Bachelor of Advanced Science (Honours)

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in

Single Degree ς 3962 Bachelor of Advanced Science (Honours) with a major in Pathology (PATHB13962)

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

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Pathology

SCIF1121(N/A) or SCIF1131(S1,S2)	BABS1201 (summer, S1)	BIOS1101	CHEM1011 (S1, S2/T1,T2,T3) or CHEM1031 (S1, T1)	CHEM1021 (Summer, S2/T1,T3) or CHEM1041 (S2, T2)
T1,T3	T1,T3	S2, T2		
ANAT2241	BIOC2101	PATH2201	6 UoC from Stage 2 Electives	
S1, T2	S1, T2	S2, T3		
PATH3205	PATH3206	6 UoC from Stage 3 Electives		
S1, T1	S1, T2			

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

Stage 2 Electives: ANAT2111 (S1, S2,T1,T2), BABS2202 (S2,T2), MICR2011 (S1,T1)

Stage 3 Electives: ANAT3212 (S2,T2), BABS3041 (S1,T1), PATH3207 (S2,T3), PATH3208 (S2, 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.

Honours Year	48 UoC

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Pharmacology

SCIF1121 (N/A) or SCIF1131(S1,S2)	BABS1201 (S1, summer	CHEM1011 (S1, S2, T1,T2,T3) or CHEM1031	CHEM1021 (Summer, S2, T1,T3) or CHEM1041 (S2, T2)
T1,T3	T1,T3		

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

Stage 2 Electives: BABS2202 (S2,T2), CHEM2021 (S2,T2), CHEM2041 (S1, S2/T1,T3), PHSL2201 (S2,T2), BIOC2101 (S1,T2), BIOC2201 (S2,T3)

Stage 3 Electives: PHAR3101 (S2,T3), PHAR3102 (S1,T1), PHAR3202 (S2,T2), PHAR3251 (S1,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.

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Physical Geography

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

Stage 3 Electives:
GEOS3721 (S1,3), GEOS3731 (S2,T1, GEOS3761 (S2,T2), GEOS3811 (S1,T3), GEOS3821 (S2,T1), GEOS3911 (S1,T1), GEOS3921 (S2,T3)

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

Single Degree ς 3962 Bachelor of Advanced Science (Honours) with a major in Psychology (PSYCA13962)

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

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

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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.

Dual Degree ς Bachelor of Advanced Science (Honours) with a major in Psychology

SCIF1121 (S1) or SCIF1131 (S2)	PSYC1001	PSYC1011	PSYC1111				
	S1, T1	S2, T2	S2, T3				
PSYC2001	PSYC2061	PSYC2071	PSYC2081	PSYC2101			
S1, T1	S1, T1	S2, T3	S1, T2	S2, T3			
PSYC3001	PSYC3011	6 UoC from Elective Stream A	6 UoC from Elective Stream B	6 UoC from Elective Stream A or B			
S1, T1	S2, T3						
Science Elective	Science Elective						

Program Structure (Dual Program Mode)			
Major	78 UoC (13 courses)	144 UoC	240 UoC
SCIF1121 or SCIF1131	6 UoC (1 course)		
Science Electives	12 UoC (2 courses)		
Honours Year	48 UoC		
Other Degree*	96 UoC (16 courses)		

*Information correct for students commencing the Bachelor of Advanced Science (Honours) on dual mode in 2016 *This template is not suitable for Engineering or Law dual degrees ς please see Science faculty*

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

Elective Stream A: PSYC3051 (S2,T2), PSYC3211 (S2,T1), PSYC3221 (S1,T1), PSYC3241 (S1,T1), PSYC3311 (S1,T3), PSYC3371 (S2,T3)

Elective Stream B: PSYC3121 (S2,T3), PSYC3141 (S1), PSYC3301 (S1,T2), PSYC3331 (S2,T3), PSYC3341 (S2,T2), PSYC3361 (S1, S2, T1,T2,T3)

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

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

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

Progression check Student ID:_____

Name: _____

_____UOC Completed

_____UOC Remaining

(Including any enrolled courses)

Single Degree ς 3962 Bachelor of Advanced Science (Honours) with a major in Statistics (MATHK13962)

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

In addition to the courses required for your major, students must also take

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Dual Degree

Single degree ς 3962 Bachelor of Advanced Science (Honours) with a major in Vision Science (VISNA13962)

BABS1201 (S1, summer)	VISN1111	VISN1101	VISN1221	
T1,T3	S1, T2	S2, T1	S2, T3	
ANAT2111 (S1,S2)	OPTM2190	VISN2111	VISN2211	VISN2231
T1,T2	S1	S1, T2	S2, T3	S2
VISN3111	VISN3211			Stage 3 Science Elective
S1, T1	S2			

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

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

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

The course VISN1101 Seeing the World: Perspectives from Vision Science (6 UOC) will be counted in-place of SCIF1121/1131.

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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.

Information correct for students commencing the Bachelor of Advanced Science (Honours) in 2016
Please Note: Semester offerings are subject to change, please check the