Science

Bachelor of Advanced Mathematics (Honours) (3956)

2020 Commencing Students

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

UNSW SYDNEY Science

Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

with a major in **Advanced Statistics** (MATHU13956)

SCIF1131	MATH1081	MATH1141	MATH1241	6 UoC Stage 1 computer science	Free Elective	Free Elective	Free Elective
T1, T3	T1, T2, T3	T1, T3	T1, T2				
MATH2111	MATH2221 (T2) or MATH2621 (T3)	MATH2601	MATH2901	MATH2931	Science Elective	Free Elective	Free Elective
T1		T2	T2	T3			
MATH3821	MATH3901	MATH3911	6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*	General Education	General Education	Free Elective
T2	T1	T1					

Program Structure			
Major	84 UoC (14 courses)	144 UoC	**192 UoC**
SCIF1131	6 UoC (1 course)		
Science Elective	6 UoC (1 course)		
Honours Year	48 UoC		
Free Electives	36 UoC (6 courses)	48 UoC	
General Education	12 UoC (2 courses)		

Information correct for students commencing the Bachelor of Advanced Mathematics (Honours) in 2020

All students in Advanced Mathematics 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 must take 12 UoC of Stage 3 Mathematics chosen with the approval from the Head of School of Mathematics and Statistics or nominee.

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the 3970 Bachelor of Science Online Handbook.

Free Electives may be from Science or 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

UNSW SYDNEY **Science**

Dual Degree – Bachelor of Advanced Mathematics (Honours)

with a major in **Advanced Statistics**

SCIF1131 T1, T3	MATH1081 T1, T2, T3	MATH1141 T1, T3	MATH1241 T1, T2	6 UoC Stage 1 computer science			
MATH2111 T1	MATH2221 (T2), or MATH2621 (T3)	MATH2601 T2	MATH2901 T2	MATH2931 T3			
MATH3821 T2	MATH3901 T1	MATH3911 T1	6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*			
Science Elective							

Program Structure (Dual Degree Mode)			
Major	84 UoC (14 courses)	144 UoC	**240-288 UoC**
SCIF1131	6 UoC (1 course)		
Science Elective	6 UoC (1 course)		
Honours Year	48 UoC		
Other Degree	96 UoC or 144 UoC (16 - 24 courses)		

Information correct for students commencing the Bachelor of Advance Mathematics (Honours) in dual mode in 2020

Science Electives are courses taken from within the Faculty of Science, as defined by *Table 1* in the 3970 Bachelor of Science Online Handbook.

*Students must take 12 UoC of Stage 3 Mathematics chosen with the approval from the Head of School of Mathematics and Statistics or nominee.

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

Progression check Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed for science

_____UOC Enrolled for science

_____UOC Remaining for science

UNSW SYDNEY Science

Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

with a major in **Applied Mathematics** (MATHA13956)

SCIF1131	MATH1081	MATH1141	MATH1241	6 UoC Stage 1 computer science	Free Elective	Free Elective	Free Elective
T1, T3	T1, T2, T3	T1, T3	T1, T2				
MATH2111	MATH2221	MATH2301	MATH2601	MATH2621	MATH2901	Free Elective	Free Elective
T1	T2	T1	T2	T3	T2		
6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*	General Education	General Education	Free Elective

Program Structure			
Major	90 UoC (15 courses)	144 UoC	**192 UoC**
SCIF1131	6 UoC (1 course)		
Honours Year	48 UoC		
Free Electives	36 UoC (6 courses)	48 UoC	
General Education	12 UoC (2 courses)		

All students in Advanced Mathematics 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:
MATH3041 (T2), MATH3101 (T3), MATH3121 (T1), MATH3161 (T1), MATH3171 (T3) MATH3201, (T3), MATH3261 (T1), MATH3311 (T2), MATH3361 (T1) MATH6781 (T2).

*Students must take 12 UoC of Stage 3 Mathematics chosen with the approval from the Head of School of Mathematics and Statistics or nominee.

Free Electives may be from Science or 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

Information correct for students commencing the Bachelor of Advanced Mathematics (Honours) in 2020

UNSW SYDNEY **Science**

Dual Degree – Bachelor of Advanced Mathematics (Honours)

with a major in **Applied Mathematics**

SCIF1131 T1, T3	MATH1081 T1, T2, T3	MATH1141 T1, T3	MATH1241 T1, T2	6 UoC Stage 1 computer science			
MATH2111 T1	MATH2221 T2	MATH2301 T1	MATH2601 T2	MATH2621 T3	MATH2901 T2		
6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC from Stage 3 Electives	6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*			

Program Structure (Dual Degree Mode)			
Major	90 UoC (15 courses)	144 UoC	**240-288 UoC**
SCIF1131	6 UoC (1 course)		
Honours Year	48 UoC		
Other Degree	96 UoC or 144 UoC (16 - 24 courses)		

Stage 3 Electives:
MATH3041 (T2), MATH3101 (T3), MATH3121 (T1), MATH3161 (T1), MATH3171 (T3) MATH3201 (T3), MATH3261 (T1), MATH3311 (T2), MATH3361 (T1) MATH6781 (T2).

*Students must take 12 UoC of Stage 3 Mathematics chosen with the approval from the Head of School of Mathematics and Statistics or nominee.

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

Progression check Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed for science

_____UOC Enrolled for science

_____UOC Remaining for science

Information correct for students commencing the Bachelor of Advance Mathematics (Honours) in dual mode in 2020

UNSW SYDNEY Science

Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

with a major in **Pure Mathematics** (MATHP13956)

SCIF1131	MATH1081	MATH1141	MATH1241	6 UoC Stage 1 computer science	Free Elective	Free Elective	Free Elective
T1, T3	T1, T2, T3	T1, T3	T1, T2				
MATH2111	MATH2221	MATH2601	MATH2621	MATH2701	MATH2901	Free Elective	Free Elective
T1	T2	T2	T3	T3	T2		
MATH3611	MATH3701	MATH3711	6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*	General Education	General Education	Free Elective
T2	T3	T1					

Program Structure			
Major	90 UoC (15 courses)	144 UoC	**192 UoC**
SCIF1131	6 UoC (1 course)		
Honours Year	48 UoC		
Free Electives	36 UoC (6 courses)	48 UoC	
General Education	12 UoC (2 courses)		

Information correct for students commencing the Bachelor of Advanced Mathematics (Honours) in 2020

All students in Advanced Mathematics 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 must take 12 UoC of Stage 3 Mathematics chosen with the approval from the Head of School of Mathematics and Statistics or nominee.

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

Free Electives may be from Science or 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

UNSW SYDNEY **Science**

Dual Degree – Bachelor of Advanced Mathematics (Honours)

with a major in **Pure Mathematics**

SCIF1131 T1, T3	MATH1081 T1, T2, T3	MATH1141 T1, T3	MATH1241 T1, T2	6 UoC Stage 1 computer science			
MATH2111 T1	MATH2221 T2	MATH2601 T2	MATH2621 T3	MATH2701 T3	MATH2901 T2		
MATH3611 T2	MATH3701 T3	MATH3711 T1	6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*			

Program Structure (Dual Degree Mode)			
Major	90 UoC (15 courses)	144 UoC	**240-288 UoC**
SCIF1131	6 UoC (1 course)		
Honours Year	48 UoC		
Other Degree	96 UoC or 144 UoC (16 - 24 courses)		

Information correct for students commencing the Bachelor of Advance Mathematics (Honours) in dual mode in 2020

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

*Students must take 12 UoC of Stage 3 Mathematics chosen with the approval from the Head of School of Mathematics and Statistics or nominee.

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

Progression check Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed for science

_____UOC Enrolled for science

_____UOC Remaining for science