

Science

Bachelor of Advanced Mathematics (Honours) (3965)

2021 Commencing Students

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UNSW
SYDNEY

Science

Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

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

SCIF1131 T1, T3	MATH1081 T1, T2, T3	MATH1141 T1, T3	MATH1241 T1, T2	6 UoC Level 1 Computer Science Elective	Free Elective	Free Elective	Free Elective
MATH2111 T1	MATH2221 (T2) or MATH2621 (T3)	MATH2601 T2	MATH2901 T2	MATH2931 T3	Science Elective	Free Elective	Free Elective
MATH3821 T2	MATH3901 T1	MATH3911 T1	MATH3831 (T2) OR MATH3851 (T3) OR MATH3871 (T3)	6 UoC Level 3 Prescribed MATH*	General Education	General Education	Free Elective

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 2021

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 6 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 GEN_S 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 Level 1 Computer Science Elective			
MATH2111 T1	MATH2221 (T2), or MATH2621 (T3)	MATH2601 T2	MATH2901 T2	MATH2931 T3			
MATH3821 T2	MATH3901 T1	MATH3911 T1	MATH3831 (T2) OR MATH3851 (T3) OR MATH3871 (T3)	6 UoC Level 3 Prescribed 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 Advanced Mathematics (Honours) in dual mode in 2021

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 6 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 T1, T3	MATH1081 T1, T2, T3	MATH1141 T1, T3	MATH1241 T1, T2	6 UoC Level 1 Computer Science Elective	Free Elective	Free Elective	Free Elective
MATH2111 T1	MATH2221 T2	MATH2301 T1	MATH2601 T2	MATH2621 T3	MATH2901 T2	Free Elective	Free Elective
6 UoC from List A electives	6 UoC from List A electives	6 UoC from List A electives	6 UoC from List B electives	6 UoC from List B electives	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.

List A electives:

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

List B Electives*: Students must complete 12 UoC of Level 3 Mathematics courses, chosen with approval of 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 GEN~~S~~ 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 **Applied Mathematics**

SCIF1131 T1, T3	MATH1081 T1, T2, T3	MATH1141 T1, T3	MATH1241 T1, T2	6 UoC Level 1 Computer Science Elective			
MATH2111 T1	MATH2221 T2	MATH2301 T1	MATH2601 T2	MATH2621 T3	MATH2901 T2		
6 UoC from List A electives	6 UoC from List A electives	6 UoC from List A electives	6 UoC from List B electives	6 UoC from List B electives			

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).

List B Electives*: Students must complete 12 UOC of Level 3 Mathematics courses, chosen with approval of 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 **Pure Mathematics** (MATHP13956)

SCIF1131 T1, T3	MATH1081 T1, T2, T3	MATH1141 T1, T3	MATH1241 T1, T2	6 UoC Level 1 Computer Science Elective	Free Elective	Free Elective	Free Elective
MATH2111 T1	MATH2221 T2	MATH2601 T2	MATH2621 T3	MATH2701 T3	MATH2901 T2	Free Elective	Free Elective
MATH3611 T2	MATH3701 T3	MATH3711 T1	6 UoC of any Level 3 MATH course	6 UoC of any Stage 3 Approved MATH course	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.

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.

General Education courses cannot be Science courses, and Science students cannot take GEN_S 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 **Pure Mathematics**

SCIF1131 T1, T3	MATH1081 T1, T2, T3	MATH1141 T1, T3	MATH1241 T1, T2	6 UoC Level 1 Computer Science Elective			
MATH2111 T1	MATH2221 T2	MATH2601 T2	MATH2621 T3	MATH2701 T3	MATH2901 T2		
MATH3611 T2	MATH3701 T3	MATH3711 T1	6 UoC of any Level 3 MATH course	6 UoC of any Level 3 MATH course			

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)		

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

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