

Science

Bachelor of Advanced Mathematics (Honours) (3956)



2017 Commencing Students

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

Approved Major	Page
Advanced Statistics	2-3
Applied Mathematics	4-5
Pure Mathematics	6-7



UNSW
SYDNEY

Science

Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

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

SCIF1121(S1) or SCIF1131(S2)	MATH1081	MATH1141	MATH1241	6 UoC Stage 1 COMP####	Free Elective	Free Elective	Free Elective
	S1, S2, T1, T2, T3	S1, T1, T3	S2, T1, T2				
MATH2111	MATH2221	MATH2601	MATH2901	MATH2931	Science Elective	Free Elective	Free Elective
S1, T1	S2, T2	S1, T2	S1, T2	S2, T3			
MATH3821	MATH3901	MATH3911	6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*	General Education	General Education	Free Elective
S2, T2	S1, T1	S1, T1					

Program Structure			
Major	84 UoC (14 courses)	144 UoC	192 UoC
SCIF1121 or 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 2017

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 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 Remaining

(Including any enrolled courses)



UNSW
SYDNEY

Science

Dual Degree – Bachelor of Advanced Mathematics (Honours)

with a major in **Advanced Statistics**

SCIF1121(S1) or SCIF1131(S2)	MATH1081 S1, S2, T1, T2, T3	MATH1141 S1, T1, T3	MATH1241 S2, T1, T2	6 UoC Stage 1 COMP####			
MATH2111 S1, T1	MATH2221 S2, T2	MATH2601 S1, T2	MATH2901 S1, T2	MATH2931 S2, T3			
MATH3821 S2, T2	MATH3901 S1, T1	MATH3911 S1, 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
SCIF1121 or 1131	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 2017

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
_____ UOC Remaining
(Including any enrolled courses)



UNSW
SYDNEY

Science

Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

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

SCIF1121(S1) or SCIF1131(S2)	MATH1081	MATH1141	MATH1241	6 UoC Stage 1 COMP####	Free Elective	Free Elective	Free Elective
	S1, S2, T1, T2, T3	S1, T1, T3	S2, T1, T2				
MATH2111	MATH2221	MATH2301	MATH2601	MATH2621	MATH2901	Free Elective	Free Elective
S1, T1	S2, T2	S1, T1	S1, T2	S2, T3	S1, 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
SCIF1121 or SCIF1131	6 UoC (1 course)		
Honours Year	48 UoC		
Free Electives	36 UoC (6 courses)	48 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:

MATH3041 (S1, T2), MATH3101 (S1, T3), MATH3121 (S2, T1), MATH3161 (S1, T3), MATH3201, (S2, T2), MATH3261 (S2, T1), MATH3311 (S2, T2), MATH6781 (S2, 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 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 Remaining

(Including any enrolled courses)



UNSW
SYDNEY

Science

Dual Degree – Bachelor of Advanced Mathematics (Honours)

with a major in **Applied Mathematics**

SCIF1121(S1) or SCIF1131(S2)	MATH1081 S1, S2, T1, T2, T3	MATH1141 S1, T1, T3	MATH1241 S2, T1, T2	6 UoC Stage 1 COMP####			
MATH2111 S1, T1	MATH2221 S2, T2	MATH2301 S1, T1	MATH2601 S1, T2	MATH2621 S2, T3	MATH2901 S1, 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
SCIF1121 or 1131	6 UoC (1 course)		
Honours Year	48 UoC		
Other Degree	96 UoC or 144 UoC (16 - 24 courses)		

Stage 3 Electives:

MATH3041 (S1, T2), MATH3101 (S1, T3), MATH3121 (S2, T1), MATH3161 (S1, T3), MATH3201, (S2, T2), MATH3261 (S2, T1), MATH3311 (S2, T2), MATH6781 (S2, 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
_____ UOC Remaining
(Including any enrolled courses)



UNSW
SYDNEY

Science

Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

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

SCIF1121(S1) or SCIF1131(S2)	MATH1081	MATH1141	MATH1241	6 UoC Stage 1 COMP####	Free Elective	Free Elective	Free Elective
	S1, S2, T1, T2, T3	S1, T1, T3	S2, T1, T2				
MATH2111	MATH2221	MATH2601	MATH2621	MATH2701	MATH2901	Free Elective	Free Elective
S1, T1	S2, T2	S1, T2	S2, T3	S2, T3	S1, T2		
MATH3611	MATH3701	MATH3711	6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*	General Education	General Education	Free Elective
S1, T2	S2, T3	S1, T1					

Program Structure			
Major	90 UoC (15 courses)	144 UoC	192 UoC
SCIF1121 or 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.

*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.

Progression check

Student ID: _____

Name: _____

Date: _____ Advisor: _____

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.

_____ UOC Completed

_____ UOC Remaining

(Including any enrolled courses)



UNSW
SYDNEY

Science

Dual Degree – Bachelor of Advanced Mathematics (Honours)

with a major in **Pure Mathematics**

SCIF1121(S1) or SCIF1131(S2)	MATH1081 S1, S2	MATH1141 S1	MATH1241 S2	6 UoC Stage 1 COMP####			
MATH2111 S1, T1	MATH2221 S2, T2	MATH2601 S1, T2	MATH2621 S2, T3	MATH2701 S2, T3	MATH2901 S1, T2		
MATH3611 S1, T2	MATH3701 S2, T3	MATH3711 S1, 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
SCIF1121 or 1131	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.

*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
_____ UOC Remaining
(Including any enrolled courses)