Science

Bachelor of Advanced Mathematics (Honours) (3956)

2016 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)

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 or MATH2621	MATH2601	MATH2901	MATH2931	Science Elective	Free Elective	Free Elective
S1, T1		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 2016

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.

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**

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 or MATH2621	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 Advance Mathematics (Honours) in dual mode in 2016

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)

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)		

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

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.

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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**

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)		

Information correct for students commencing the Bachelor of Advance Mathematics (Honours) in dual mode in 2016

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).

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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)

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)		

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_____UOC Completed

_____UOC Enrolled

_____UOC Remaining

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

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Progression check Student ID:_____

Name: _____

Date:_____Advisor: _____

_____UOC Completed for Science

_____UOC Enrolled for Science

_____UOC Remaining for Science