# Bachelor of Advanced Mathematics (Honours) (3956)



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#### 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)								
SCIF1131	6 UoC (1 course)	144							
Science Elective	6 UoC (1 course)	UoC							
Honours Year	48 UoC		192 UoC						
Free Electives	36 UoC (6 courses)	48 UoC							
General Education	12 UoC (2 courses)	46 000							

Information correct for students commencing the Bachelor of Advanced Mathematics (Honours) in 2019

All students in Advanced Mathematic	s must complete an	Honours year of 48 UoC.
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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 <u>cannot</u> be Science courses, and Science students cannot take GEN<u>S</u> 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 – Bachelor of Advanced Mathematics (Honours)**

### with a major in **Advanced Statistics**

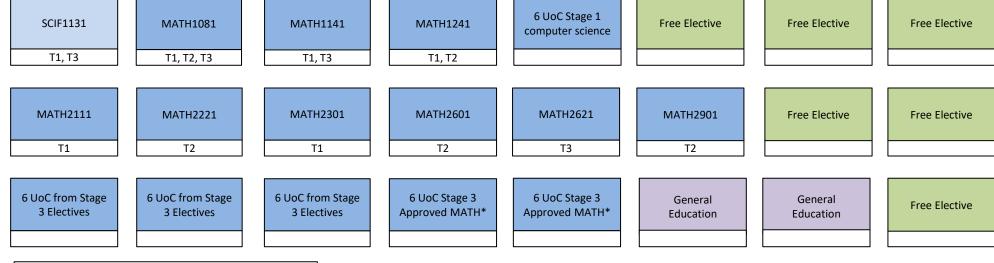
SCIF1131 T1, T3		H1081 T2, T3	MATH		MATH1241 T1, T2	6 UoC Stage 1 computer science			
MATH2111 T1	or MA	2221 (T2), .TH2621 T3)	MATH T2		MATH2901 T2	MATH2931 T3			
MATH3821 T2		H3901 T1	MATH T		6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*			
Science Elective									
Program Structure	Science Electives are courses taken from within the Faculty of Science, as defined by Table 1 Program Structure (Dual Degree Mode)  Science Electives are courses taken from within the Faculty of Science, as defined by Table 1 in the 3970 Bachelor of Science Online Handbook.  General Education courses are not allowed in dual degree programs (GENxxxxx coded								
Major 84 UoC (14 courses)			*Students must take 12 UoC of Stage 3 Mathematics chosen with the approval from the Head of School of Mathematics and Statistics or nominee.						
SCIF1131	6 UoC (1 course)	144		21 22.7001					
Science Elective	6 UoC (1 course)	UoC	240-288 UoC	Progre	ession check	Student ID:		UOC (	Completed for science
Honours Year	48 UoC				:	_			<mark>Enrolled</mark> for science
Other Degree 96 UoC or 144 UoC (16 - 24 courses)		Date:		Advisor:		uoc i	Remaining for science		

Information correct for students commencing the Bachelor of Advance Mathematics (Honours) in dual mode in 2019



# Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

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



Program Structure								
Major	90 UoC (15 courses)							
SCIF1131	6 UoC (1 course)	144 UoC						
Honours Year	48 UoC		192 UoC					
Free Electives	36 UoC (6 courses)	49.1100	192 000					
General Education	12 UoC (2 courses)	48 UoC						

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 othe
Faculty at UNSW.

**General Education** courses <u>cannot</u> be Science courses, and Science students cannot take GEN<u>S</u> 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 – Bachelor of Advanced Mathematics (Honours)**

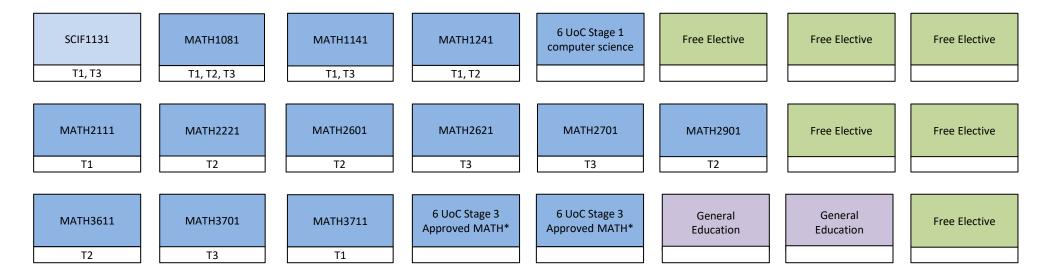
### with a major in **Applied Mathematics**

SCIF1131 T1, T3		H1081	MATH		MATH1241 T1, T2	6 UoC Stage 1 computer science			
MATH2111 T1		H2221	MATH		MATH2601 T2	MATH2621 T3	MATH2901 T2		
6 UoC from Stage 3 Electives		om Stage ctives	6 UoC fro 3 Elec		6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*			
Program Structure (Dual Degree Mode)				41 (T2), MATH3101 (T3), M	NATH3121 (T1), MATH3161 ( NATH3311 (T2), MATH3361		General Education co dual degree program courses)	<b>Durses</b> are not allowed in s (GENxxxxx coded	
Major	90 UoC (15 courses)			*Student		ge 3 Mathematics chosen wi	ith the approval from the Head	•	
SCIF1131	6 UoC (1 course)	144 UoC	240-288						
Honours Year	48 UoC		UoC	_	ession check	Student ID:			Completed for science Enrolled for science
Other Degree	96 UoC or (16 - 24 co			Name:            Date:				Remaining for science	



#### Single Degree – 3956 Bachelor of Advanced Mathematics (Honours)

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



Program Structure									
Major	90 UoC (15 courses)								
SCIF1131	6 UoC (1 course)	144 UoC							
Honours Year	48 UoC		192 UoC						
Free Electives	36 UoC (6 courses)	48 UoC	192 00C						
General Education	12 UoC (2 courses)	45 000							

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.

**General Education** courses <u>cannot</u> be Science courses, and Science students cannot take GEN<u>S</u> 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.

UOC Completed	
UOC Enrolled	
UOC Remaining	



### **Dual Degree – Bachelor of Advanced Mathematics (Honours)**

### with a major in **Pure Mathematics**

	H											
	SCIF1131 T1, T3		H1081 	MATH		MATH1241 T1, T2	6 UoC Stage 1 computer science					
	MATH2111 T1		H2221	MATH T2		MATH2621 T3	MATH2701 T3	MATH2901 T2				
	MATH3611 T2			MATH T1		6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*					
Program Structure (Dual Degree Mode)					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)							
	Major	90 UoC (15 courses)	144		OI SCHOOL	TOT MATHEMATICS and Stati	stics of nominee.					
SCIF1131 UoC 240-288				240-288 UoC		Progression check Student ID:				UOC Completed for science		
	Honours Year Other Degree	Degree 96 UoC or 144 UoC					Advisor:			Enrolled for science Remaining for science		
	ı	(16 - 24 co	ourses)	1								

Information correct for students commencing the Bachelor of Advance Mathematics (Honours) in dual mode in 2019



Degree

(12 courses)

# Science

# Bachelor of Advanced Mathematics (Hons)/ Computer Science

#### with a major in **Pure Mathematics**

								•		
SCIF1131 (S1, S2)		H1081 T1, T2, T3	MATH		MATH1241 S2, T1, T2	6 UoC Stage 1 COMP####				
MATH2111 T1		H2221	MATH:		MATH2621 T3	MATH2701 T1	MATH2901 T2			
MATH3611 T2		MATH3701 MATI			6 UoC Stage 3 Approved MATH*	6 UoC Stage 3 Approved MATH*				
Sci/Comp Sci Elective		omp Sci ctive	Sci/Cor Elect		Sci/Comp Sci Elective					
Honours	Honours Hon		ours	Honours	Honours	Honours	Honours	Honours		
Program Structure (Dual Degree Mode)  General Education courses are not										
Major	90 UoC (15 courses)				must take 12 UoC of Stage of Mathematics and Statis		ith the approval from the Head	dual degree pro <sub>l</sub> courses)	grams (GENxxxxx coded	
SCIF1131	6 UoC (1 course)	144 UoC								
Honours	48 UoC			Information correct for students commencing the Bachelor of Advance Mathematics (Honours) in dual mode in 2019						
Overlap with Comp Sci	-24 UoC		240 UoC					1		
Electives to make up for overlap	24 UoC				ssion check	Student ID:			mpleted for science olled for science	
Comp Sci	72	InC		Date.		Advisor:		UOC Ren	maining for science	