

Bachelor of Advanced Mathematics (Honours)

(3956) - [Handbook](#)

T3C 2024 Commencing Students
Program Structure



Single Degree Mode

PROGRAM STRUCTURE	An approved Major	96 UOC (16 courses)	144 UOC	192 UOC
	Science Electives			
	Honours			
	Free Electives	36 UOC (4 courses)	48 UOC	
	General Education	12 UOC (2 courses)		

Science Electives are courses taken from within the Faculty of Science or as defined [here](#)

Free Electives are courses from any Faculty at UNSW including Science, but cannot be GEN-branded courses

General Education must taken from courses that are not considered [Science Electives](#)

Dual Degree Mode

PROGRAM STRUCTURE	An approved Major	96 UOC	144 UOC	240 UOC (ADA / BUS)
	Science Electives			
	Honours	48 UOC		288 UOC (LAW / ENG)
	Other Degree Courses	96 UOC (ADA or BUS) 144 UOC (LAW or ENG)		

Science students cannot take GENS courses under any circumstance

Students in Single Degree Mode cannot complete more than 72 UoC of Level 1 courses including any GEN courses and Level 1 courses taken for General Education.

Science

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T3C 2024 Commencing Students

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Advanced Statistics	3
Applied Mathematics	4
Pure Mathematics	5

Science

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T3C 2024 Commencing Students – Single Degree – Major in Advanced Statistics ([MATHU1](#))

Choose from available proposed courses in each year

2024			2025			2026			2027		
Term 3	Term 3C	Summer	Term 1	Term 2	Term 3	Term 1	Term 2	Term 3	Term 1	Term 2	Term 3
	6 UOC General Education	6 UOC Free Elective	MATH1141 (T1,T3)	MATH1241 (T1,T2)	6 UOC Science Elective	MATH2111 (T1)	MATH2601 (T2)	MATH2931 (T3)	MATH3901 (T1)	MATH3821 (T2)	
			MATH1081 (T1,T2,T3)	6 UOC Level 1 Computer Science Elective OR ENGG1811	6 UOC Free Elective	6 UOC Science Elective	MATH2901 (T2)	6 UOC General Education	MATH3911 (T1)	6 UOC Mathematics level 3 (See Note 1)	
			6 UOC Free Elective	6 UOC Free Elective		6 UOC Free Elective	MATH2221 (T2) OR MATH2621 (T3)		6 UOC Free Elective	6 UOC Any Level 3 Mathematics Course	

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

Note 1: 6 UOC Mathematics level 3: MATH3831 (T2), MATH3841 (T3), MATH3852 (T3), MATH3871 (T3), MATH3856 (T3), MATH3945 (TBC)

See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note: All students in Advanced Mathematics (Hons) must complete an Honours year of 48 UoC. Please note the Honours component is not included in this template.

Science

Bachelor of Advanced Mathematics (Honours) (3956)



T3C 2024 Commencing Students – Single Degree – Major in Applied Mathematics ([MATHA1](#))

Choose from available proposed courses in each year

2024			2025			2026			2027		
Term 3	Term 3C	Summer	Term 1	Term 2	Term 3	Term 1	Term 2	Term 3	Term 1	Term 2	Term 3
	6 UOC General Education	6 UOC Free Elective	MATH1141 (T1,T3)	MATH1241 (T1,T2)	6 UOC Science Elective	MATH2111 (T1)	MATH2601 (T2)	MATH2621 (T3)	6 UOC from Level 3 Elective – List A (See Note 1)	6 UOC from Level 3 Elective – List B (See Note 2)	
			MATH1081 (T1,T2,T3)	6 UOC Level 1 Computer Science Elective OR ENGG1811	6 UOC Free Elective	MATH2301 (T1)	MATH2901 (T2)	6 UOC General Education	6 UOC from Level 3 Elective (See Note 3)	6 UOC from Level 3 Elective – List A OR B (See Note 1 OR 2)	
			6 UOC Free Elective	6 UOC Free Elective		6 UOC Free Elective	MATH2221 (T2)		6 UOC Free Elective	6 UOC from Level 3 Elective (See Note 3)	

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Note 1: 6 UOC Level 3 Elective List A: MATH3041 (T2), MATH3051 (T3)

Note 2: 6 UOC Level 3 Elective List B: MATH3101, MATH3121, MATH3161, MATH3171, MATH3191, MATH3201, MATH3261, MATH3311, MATH3361, MATH3371, MATH6781

Note 3: Level 3 Elective: [See Handbook](#)

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Note: All students in Advanced Mathematics (Hons) must complete an Honours year of 48 UoC. Please note the Honours component is not included in this template.

Bachelor of Advanced Mathematics (Honours) (3956)



T3C 2024 Commencing Students – Single Degree – Major in Pure Mathematics ([MATHP1](#))

Choose from available proposed courses in each year

2024			2025			2026			2027		
Term 3	Term 3C	Summer	Term 1	Term 2	Term 3	Term 1	Term 2	Term 3	Term 1	Term 2	Term 3
	6 UOC General Education	6 UOC Free Elective	MATH1141 (T1,T3)	MATH1241 (T1,T2)	6 UOC Science Elective	MATH2111 (T1)	MATH2601 (T2)	MATH2621 (T3)	MATH3711 (T1)	MATH3611 (T2)	
			MATH1081 (T1,T2,T3)	6 UOC Level 1 Computer Science Elective OR ENGG1811	6 UOC Free Elective	6 UOC General Education	MATH2901 (T2)	MATH2701 (T3)	6 UOC Any Level 3 Math course (See Note 1)	6 UOC Any Level 3 Math course (See Note 1)	
			6 UOC Free Elective	6 UOC Free Elective			MATH2221 (T2)	MATH3701 (T3)	6 UOC Free Elective	6 UOC Free Elective	

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See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.

Note 1: [See Handbook](#)

Note: All students in Advanced Mathematics (Hons) must complete an Honours year of 48 UoC. Please note the Honours component is not included in this template.