Science

Bachelor of Advanced Mathematics (Honours) (3956) - Handbook

2026 Commencing Students

Program Structure

Single Degree Mode

PROGRAM STRUCTURE				
	An approved Major	96 UOC (16 courses)	144 UOC	192 UOC
	Science Electives			
	Honours	48 UOC (8 courses)		
	Free Electives	36 UOC (4 courses)	48 UOC	
	General Education	12 UOC (2 courses)		

Dual Degree Mode

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

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

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.

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2026 Commencing Students

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

Science

Bachelor of Advanced Mathematics (Honours) (3956)

2026 Commencing Students – Single Degree – Major in Advanced Statistics (MATHU1)

Choose from available proposed courses in each year

Year 1		
MATH1141 (T1,T3)	MATH1241 (T1,T2)	6 UOC Science Elective
MATH1081 (T1,T2,T3)	6 UOC Level 1 Computer Science Elective OR ENGG1811	6 UOC Free Elective
6 UOC Free Elective	6 UOC Free Elective	

Year 2		
MATH2111 (T1)	MATH2601 (T2)	MATH2931 (T3)
6 UOC Free Elective	MATH2901 (T2)	6 UOC General Education
6 UOC Free Elective	MATH2221 (T2) OR MATH2621 (T3)	

Year 3		
MATH3901 (T1)	MATH3821 (T2)	6 UOC Any Level 3 Mathematics Course
MATH3911 (T1)	6 UOC Mathematics level 3 (See Note 1)	6 UOC Science Elective
6 UOC Free Elective	6 UOC General Education	

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)

2026 Commencing Students – Double Degree – Major in Advanced Statistics (MATHU1)

Choose from available proposed courses in each year

Year 1		
MATH1141 (T1,T3)	MATH1241 (T1,T2)	Other Degree Course
MATH1081 (T1,T2,T3)	6 UOC Level 1 Computer Science Elective OR ENGG1811	Other Degree Course
Science Elective		Other Degree Course

Year 2		
MATH2111 (T1)	MATH2601 (T2)	MATH2931 (T3)
6 UOC Science Elective	MATH2901 (T2)	Other Degree Course
Other Degree Course	MATH2221 (T2) OR MATH2621 (T3)	

Year 3		
MATH3901 (T1)	MATH3821 (T2)	6 UOC Any Level 3 Mathematics Course
MATH3911 (T1)	6 UOC Mathematics level 3 (See Note 1)	
Other Degree Course	Other Degree Course	Other Degree Course

Year 4		
Other Degree Course	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

NOTES

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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.
In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

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

Science

Bachelor of Advanced Mathematics (Honours) (3956)

2026 Commencing Students – Single Degree – Major in Applied Mathematics (MATHA1)

Choose from available proposed courses in each year

Year 1		
MATH1141 (T1,T3)	MATH1241 (T1,T2)	6 UOC Science Elective
MATH1081 (T1,T2,T3)	6 UOC Level 1 Computer Science Elective OR ENGG1811	6 UOC Free Elective
6 UOC Free Elective	6 UOC Free Elective	

Year 2		
MATH2111 (T1)	MATH2601 (T2)	MATH2621 (T3)
MATH2301 (T1)	MATH2901 (T2)	6 UOC General Education
6 UOC Free Elective	MATH2221 (T2)	

Year 3		
6 UOC from Level 3 Elective – List A (See Note 1)	6 UOC from Level 3 Elective – List B (See Note 2)	6 UOC from Level 3 Elective – List A OR B (See Note 1 OR 2)
6 UOC from Level 3 Elective (See Note 3)	6 UOC from Level 3 Elective (See Note 3)	6 UOC General Education
6 UOC Free Elective	6 UOC Free Elective	

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 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

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)

2026 Commencing Students – Double Degree – Major in Applied Mathematics (MATHA1)

Choose from available proposed courses in each year

Year 1		
MATH1141 (T1,T3)	MATH1241 (T1,T2)	Other Degree Course
MATH1081 (T1,T2,T3)	6 UOC Level 1 Computer Science Elective OR ENGG1811	Other Degree Course
6 UOC Science Elective		Other Degree Course

Year 2		
MATH2111 (T1)	MATH2601 (T2)	MATH2621 (T3)
MATH2301 (T1)	MATH2901 (T2)	Other Degree Course
Other Degree Course	MATH2221 (T2)	

Year 3		
6 UOC from Level 3 Elective – List A (See Note 1)	6 UOC from Level 3 Elective – List B (See Note 2)	6 UOC from Level 3 Elective – List A OR B (See Note 1 OR 2)
6 UOC from Level 3 Elective (See Note 3)	6 UOC from Level 3 Elective (See Note 3)	Other Degree Course
Other Degree Course	Other Degree Course	

Year 4		
Other Degree Course	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

NOTES

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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

See Program Structure on page 1 for a guide on the terminology and colour codes used in this progression plan.
In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)
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)

2026 Commencing Students – Single Degree – Major in Pure Mathematics (MATHP1)

Choose from available proposed courses in each year

Year 1		
MATH1141 (T1,T3)	MATH1241 (T1,T2)	6 UOC Science Elective
MATH1081 (T1,T2,T3)	6 UOC Level 1 Computer Science Elective OR ENGG1811	6 UOC Free Elective
6 UOC Free Elective	6 UOC Free Elective	

Year 2		
MATH2111 (T1)	MATH2601 (T2)	MATH2621 (T3)
6 UOC General Education	MATH2901 (T2)	MATH2701 (T3)
6 UOC Free Elective	MATH2221 (T2)	

Year 3		
MATH3711 (T1)	MATH3611 (T2)	MATH3701 (T3)
6 UOC Any Level 3 Math course (See Note 1)	6 UOC Any Level 3 Math course (See Note 1)	6 UOC General Education
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.

Science

Bachelor of Advanced Mathematics (Honours) (3956)

2026 Commencing Students – Double Degree – Major in Pure Mathematics (MATHP1)

Choose from available proposed courses in each year

Year 1		
MATH1141 (T1,T3)	MATH1241 (T1,T2)	Other Degree Course
MATH1081 (T1,T2,T3)	6 UOC Level 1 Computer Science Elective OR ENGG1811	Other Degree Course
6 UOC Science Elective		Other Degree Course

Year 2		
MATH2111 (T1)	MATH2601 (T2)	MATH2621 (T3)
Other Degree Course	MATH2901 (T2)	MATH2701 (T3)
Other Degree Course	MATH2221 (T2)	

Year 3		
MATH3711 (T1)	MATH3611 (T2)	MATH3701 (T3)
6 UOC Any Level 3 Math course (See Note 1)	6 UOC Any Level 3 Math course (See Note 1)	Other Degree Course
Other Degree Course	Other Degree Course	

Year 4		
Other Degree Course	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	Other Degree Course
Other Degree Course	Other Degree Course	

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Note 1: See Handbook

In double degrees with Law or Engineering, a further 48uoc of other faculty course must be studied in addition to what is pictured here (Year 5)

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.