

Bachelor of Advanced Mathematics (Honours) (3956) - [Handbook](#)

2022 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	48 UOC (8 courses)	48 UOC	
	General Education	36 UOC (4 courses)		
	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

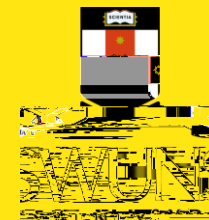
General Education must taken from courses that are not considered

Dual Degree Mode

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

courses taken for General Education.

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2022 Commencing Students – Single Degree – Major in Advanced Statistics ([MATHU1](#))

Choose from available proposed courses in each year

Year 1			Year 2			Year 3		
SCIF1131 Introductory Skills for Science (T1, T3)	MATH1241 Higher Mathematics 1B (T1,T2)	6 UOC Free Elective	MATH2111 Higher Several Variable Calculus (T1)	MATH2601 Higher Linear Algebra (T2)	MATH2931 Higher Linear Models (T3)	MATH3901 Higher Probability and Stochastic Processes (T1)	MATH3821 Statistical Modelling and Computing (T2)	6 UOC Any Level 3 Mathematics Course
MATH1141 Higher Mathematics 1A (T1,T3)	6 UOC Level 1 Computer Science Elective	6 UOC Free Elective	6 UOC Science Elective	MATH2901 Higher Theory of Statistics (T2)	6 UOC General Education	MATH3911 Higher Statistical Inference (T1)	6 UOC Mathematics level 3 (See Note 1)	
MATH1081 Discrete Mathematics (T1,T2, T3)	6 UOC Free Elective		6 UOC Free Elective	MATH2221 (T2) or MATH2621 (T3)		6UOC 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 (TBC), MATH3851 (T3), MATH3871 (T3)
	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.

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Science

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2022 Commencing Students – Double Degree – Major in Applied Mathematics ([MATHA1](#))

Choose from available proposed courses in each year

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	

Information is correct as of 02/04/2024 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

Science

Bachelor of Advanced Mathematics (Honours) (3956)

2022 Commencing Students – Single Degree – Major in Pure Mathematics ([MATHP1](#))

Choose from available proposed courses in each year

NOTES

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See Program Structure on page 1 for a guide on the terminology and

Science

Bachelor of Advanced Mathematics (Honours) (3956)

2022 Commencing Students – Double Degree – Major in Pure Mathematics ([MATHP1](#))