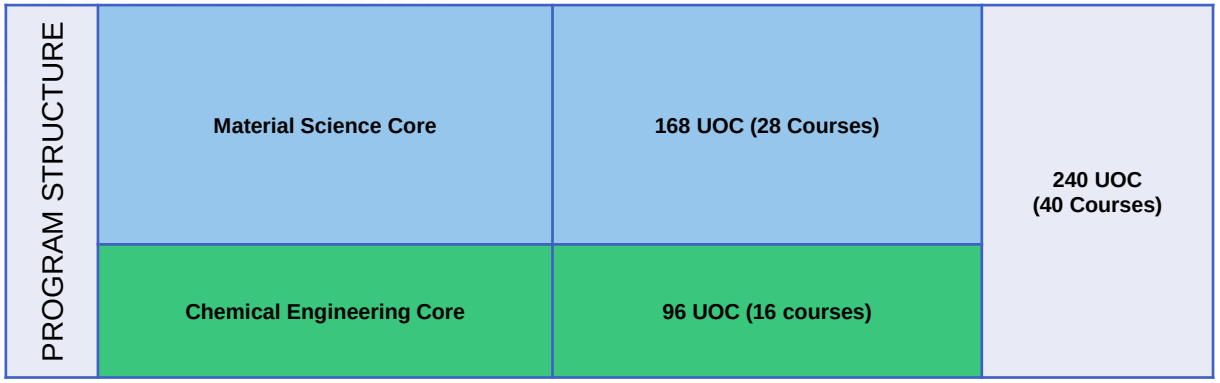
Science

Bachelor of Materials Science and Engineering (Honours) / Engineering Science (3132) - Handbook

2025 Commencing Students
Program Structure

Single Degree Mode



Because of the overlap of at least 24 units of credit of engineering courses in both cores, the total units of credit required for completion is 240 UOC, rather than 264 UOC.

Information is correct as of 5/11/2024 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 Materials Science and Engineering (Honours) / Engineering Science (3132)

2025 Commencing Students – Single Degree (MATSM1)

Choose from available proposed courses in each year

Year 1		
MATS1192 (T1, T3)	MATH1131 (T1, T2, T3)	MATH1231 (T1, T2, T3)
CHEM1811 (T1)	PHYS1121 (T1, T2, T3)	DESN1000 (T1, T3)
ENGG1811 (T1, T2, T3)	CHEM1821 (T2)	

Year 2		
MATS2001 (T1)	MATS2004 (T2)	MATH2019 (T1)
MATS2003 (T1)	MATS2008 (T2)	MATS2009 (T3)
MATH2089 (T1, T3)	CEIC Elective Level 2	

Year 3		
MATS3001 (T1)	MATS3004 (T2)	MATS3008 (T3)
MATS3002 (T1)	MATS3006 (T2)	CEIC Elective Level 2
MATS3005 (T1)	MATS3007 (T2)	

Year 4		
MATS4015 (TBC)	CEIC Elective	CEIC Elective
MATS4025 (4 UOC)	MATS4026 (4 UOC)	MATS4027 (4 UOC)
CEIC Elective Level 3 and 4	CEIC Elective Level 3 and 4	CEIC Elective

Year 5		
MATS4014 (TBC)	6 UOC Discipline Elective (See Note 1)	6 UOC Discipline Elective (See Note 1)
CEIC Elective Level 3 and 4	CEIC Elective Level 3 and 4	CEIC Elective
CEIC Elective	CEIC Elective	ENGG4999 Industrial Training (0 UOC)

NOTES

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

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

Note 1: MATS4004, MATS4007, MATS4016, MATS4017, MATS4018, MATS4019

ENGG4999 Industrial Training: Students must complete a minimum of 60 days of Industrial Training to graduate. Industrial Training must be undertaken concurrently with enrolment in the program.

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