

Science

Bachelor of Materials Science and Engineering (3131) - [Handbook](#)

T3C 2024 Commencing Students
Program Structure



Single Degree Mode

PROGRAM STRUCTURE	Material Science Core	168 UOC	192 UOC
	General Education	12 UOC (2 courses)	
	Free Electives	12 UOC (2 courses)	

General Education must be taken from courses that are not considered [Science Electives](#) or courses taught by the Faculty of Engineering.

Material Science students cannot take GENS or GENE courses under any circumstance.

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

Bachelor of Materials Science and Engineering (3131)



T3C 2024 Commencing Students – Single Degree – Materials Engineering ([MATSM1](#))

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	CHEM1811 (T1)	CHEM1821 (T2)	MATS1192 (T1, T3)	MATS2001 (T1)	MATS2004 (T2)	MATH2089 (T1, T3)	MATS3001 (T1)	MATS3004 (T2)	MATS3008 (T3)
			PHYS1121 (T1, T2, T3)	MATH1231 (T1, T2, T3)	DESN1000 (T1, T3)	MATS2003 (T1)	MATS2008 (T2)	MATS2009 (T3)	MATS3002 (T1)	MATS3006 (T2)	6 UOC General Education
			MATH1131 (T1, T2, T3)	ENGG1811 (T1, T2, T3)		MATH2019 (T1)	6 UOC Free Elective		MATS3005 (T1)	MATS3007 (T2)	

Year 4		
Term 1	Term 2	Term 3
MATS4014 (TBC)	MATS4015 (TBC)	6 UOC Discipline Elective (See Note 1)
MATS4025 (4 UOC)	MATS4026 (4 UOC)	MATS4027 (4 UOC)
6 UOC Discipline Elective (See Note 1)	Note: You may need to extend your COE	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.	