Science

Bachelor of Materials Science and Engineering (3131) - Handbook



2024 Commencing Students Program Structure

Single Degree Mode

| PROGRAM STRUCTURE | Σĸ | Material Science Core | 168 UOC | |
|----------------------|-------------------|-----------------------|--------------------|--|
| | General Education | 12 UOC (2 courses) | 192 UOC | |
| | - ⁽⁰⁾ | Free Electives | 12 UOC (2 courses) | |

General Education must be taken from courses that are not considered <u>Science</u> <u>Electives</u> 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

Information is correct as of 09/10/2024 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 (3131)



2024 Commencing Students – Single Degree – Materials Engineering (MATSM1) Choose from available proposed courses in each year

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

| Year 2 | | | Year 3 | | |
|------------------|------------------|------------|------------------|------------------|------------------------|
| MATS2001 | MATS2004 | MATH2089 | MATS3001 | MATS3004 | MATS3008 |
| (T1) | (T2) | (T1, T3) | (T1) | (T2) | (T3) |
| MATS2003 | MATS2009 | 6 UOC Free | MATS3002 | MATS3006 | 6 UOC General |
| (T1) | (T2) | Elective | (T1) | (T2) | Education |
| MATH2019 (T1) | MATS2008 (T2) | | MATS3005 (T1) | MATS3007 (T2) | 6 UOC Free Elective |

| Year 4 | | | |
|---|----------------------------|---|--|
| MATS4014 (TBC) | MATS4015 (TBC) | 6 UOC Professional Elective (See Note 1) | |
| MATS4025 (4 UOC) NEW | MATS4026 (4 UOC) NEW | MATS4027 (4 UOC) NEW | |
| 6 UOC Professional Elective (See Note 1) | 6 UOC General Education | ENGG4999 Industrial Training (0 UOC) | |

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