

Bachelor of Engineering (Honours)

ASSUMED KNOWLEDGE

- HSC Mathematics Advanced (Band 4) or equivalent. If you don't have the assumed knowledge, you're advised to undertake a bridging course in mathematics.

RECOMMENDED STUDIES

- HSC Mathematics Extension 1 or HSC Mathematics Extension 2
- HSC Physics, or equivalent.
- HSC Software Design and Development or equivalent.

COURSE STRUCTURE

| ESSENTIAL UNITS: Complete each unit below | | 60 cp |
|---|---|-------|
| ENGG1000 | Introduction to Engineering | 10 CP |
| ENGG1050 | Engineering Design | 10 CP |
| ENGG2000 | Engineering Practice | 10 CP |
| ENGG2050 | Engineering Systems and Design Thinking | 10 CP |
| ENGG3000 | Engineering Project Practice | 10 CP |
| ENGG3050 | Engineering Leadership and Entrepreneurship | 10 CP |
| ENGG4099 | PACE: Industry Experience | No CP |
| CAPSTONE UNIT: Complete the capstone unit below | | 10 cp |
| ENGG4001 | Professional Practice | 10 CP |
| Total = 70 Credit Points | | |

| SPECIALISATION: | |
|---|--------|
| Complete one Specialisation from the following options. | |
| Civil Engineering | 210 cp |
| Electrical and Electronic Engineering | 210 cp |
| Mechanical Engineering | 210 cp |
| Mechatronic Engineering | 210 cp |
| Software Engineering | 210 cp |
| Major = 210 Credit Points | |
| Flexible zone | |
| 40cp of elective units. You can use your flexible zone to enrol in any Undergraduate unit for which you meet the requisites. You may also use your flexible zone to complete a minor. | |
| Options include: Ancient History, Anthropology, Astronomy and Astrophysics, Biology, Biotechnology, Business Administration, Business Analytics, Business Information Systems, Chemistry, Chinese Studies, Creative Writing, Criminology, Critical Indigenous Studies, Cyber Security Governance, Earth and Environmental Sciences, Economics, English, French and Francophone Studies, Gender Studies, Geography, German Studies, Health, Wellbeing and Society, Human Biology, Human Resource Management, Interactive Design, International Business, International Relations, Japanese Studies, Journalism and Non-Fiction Writing, Management and Leadership, Marine Science, Mathematics, Media, Culture and Communications, Modern History, Music Studies, Performing Arts and Entertainment Industries, Physics, Philosophy, Politics, Psychological Science, Public Relations and Social Media, Radio, Podcasting and Audio Media, Screen Practice and Production, Sociology, Spanish and Latin American Studies, Statistical Data Science, Strategy, Innovation and Entrepreneurship, and Work, Life and Technology. | |
| Flexible Zone = 40 Credit Points | |
| Degree = 320 Credit Points | |

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<https://www.mq.edu.au/study/find-a-course/courses/bachelor-of-engineering-honours>

Macquarie University, Wallumattagal Campus
+61 (2) 9850 7111

