

Diploma of Electronic Engineering

The Diploma of Electronic Engineering provides a critical introduction for students wishing to study a Bachelor of Engineering at Macquarie University. Upon completion of the diploma students can specialise in one of six different areas: computer, electronics, software, telecommunications, mechatronics or wireless engineering.

Five reasons to study Engineering at Macquarie

1. Macquarie University is highly regarded for its niche focus on Electronic Engineering. It is the only university in Australia to offer a Wireless Engineering specialisation.
2. Teaching facilities and laboratories are state-of-the-art and include sophisticated instrumentation.
3. Located within 'Australia's Silicon Corridor', Macquarie University is surrounded by more than 500 high-technology companies.
4. Macquarie's Bachelor of Engineering is an integrated four-year professional program accredited by Engineers Australia that prepares students to work as professional engineers.
5. The Bachelor of Engineering contains an internship project which constitutes the final semester of the degree. It is unique to Macquarie University as it combines both academic and industry supervision.

Career opportunities

Computer, wireless and mobile telephone networking; electronics design and manufacturing; project and technology management; radio frequency electronics design; telecommunications and networking; sales and service of technical equipment; and wireless systems and installation.

Average starting salaries

The average graduate starting salary is:

- Engineering: \$57,500 (GradStats 2009)
- Computing and IT: \$48,038 (The Good Universities Guide, 2010)

Diploma of Electronic Engineering

CRICOS Codes: 068336C, 068335D

• North Ryde

Select 8 units

- ACSC100 Academic Communication in Science
- COMP115 Introduction to Computer Science
- COMP125 Fundamentals of Computer Science
- ELEC141 Digital Fundamentals
- ELEC170 Introduction to Electronic Systems
- MATH135 Mathematics IA
- MATH136 Mathematics IB
- PHYS140 Physics 1A
- PHYS143 Physics 1B



Second year Macquarie University

- Bachelor of Engineering (with specialisations in Computer, Electronics, Software, Telecommunications, Mechatronics or Wireless Engineering)

Note: a Bachelor of Engineering is a 4 year degree (including the SIBT diploma).