Bachelor of Electrical & Electronic Engineering (Honours)/Bachelor of Business

Commencing in Semester 1 2017 to 2019 Studying at Callaghan/Newcastle City Precinct

This Program Plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek prior advice from your Program Advisor to ensure you remain on track.

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester 1</th>
<th>Semester 2</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>ENGG1500: Introduction to Professional Engineering</td>
<td>ELEC1310: Introduction to Electrical Engineering</td>
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<td></td>
<td>ENG1003: Introduction to Procedural Programming</td>
<td>MATH1120: Mathematics for Engineering, Science and Technology 2</td>
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<td>MATH1110*: Mathematics for Engineering, Science and Technology 1</td>
<td>PHYS1220: Advanced Physics II</td>
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<td>PHYS1210: Advanced Physics I</td>
<td>ECON1001: Microeconomics for Business Decisions</td>
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<tr>
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<tbody>
<tr>
<td>2</td>
<td>MNGT1001: Introduction to Management</td>
<td>ELEC1710: Digital and Computer Electronics 1</td>
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<td>ENGG2500: Sustainable Engineering Practice</td>
<td>ELEC2430: Circuits and Signals</td>
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<td>MATH2310: Calculus of Science and Engineering</td>
<td>ELEC2132: Electric Energy Systems</td>
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<td>ELEC2320: Electrical and Electronic Circuits</td>
<td>MAJOR 1000 level</td>
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<tr>
<td>3</td>
<td>ELEC2720: Introduction to Embedded Computing</td>
<td>ACF1001: Accounting for Decision Makers</td>
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<td>ENGG3500: Managing Engineering Projects</td>
<td>ENGG2440: Modelling and Control</td>
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<td>ELEC3130: Electric Machines and Power Systems</td>
<td>STAT2110: Engineering Statistics</td>
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<td>MAJOR 2000 level</td>
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<tr>
<td>4</td>
<td>LEGL1001: Foundations of Law</td>
<td>ELEC3850: Electrical Engineering Design and Practice</td>
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<td>MKTG1001: Foundations of Marketing</td>
<td>ELEC3540: Analog and Digital Communications</td>
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<td>ACF1003: Introduction to Finance</td>
<td>ELEC3240: Analog Electronics</td>
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<td>ENGG3440: Linear Control and Estimation</td>
<td>ENGG4500: Engineering Complexity</td>
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<tbody>
<tr>
<td>5</td>
<td>ELEC4840A: Final Year Engineering Project Part A</td>
<td>ELEC4840B: Final Year Engineering Project Part B (20 units)</td>
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<td></td>
<td>MAJOR 3000 level</td>
<td>This course must be taken following ELEC4840A</td>
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<tr>
<td></td>
<td>MAJOR 3000 level</td>
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Program Plan Key: = Core = Major = Elective = Compulsory Program Requirement

Information correct as of November 2018 and subject to change.
To be eligible to graduate make sure you have completed 400 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

✔ Core courses - 320 units.

* Enrolment in MATH courses is based on your assumed knowledge. To find out which MATH courses you should enrol in please see the Enrolling in Maths information. More information in your Program Handbook.

✔ Major courses – 70 units, including all compulsory and directed courses for either the Leadership and Management Major or the Entrepreneurship and Innovation Major. Refer to the Program Handbook for the list of Major courses.

✔ Electives – 10 units. Visit the Course Handbook to see a list of available Electives.

✔ It is also a requirement that students complete a total of 12 weeks of industrial experience.

✔ The duration of this program is 5 years full time (40 units per semester) or part time equivalent.

✔ The maximum time to complete this program is 12 years.

Some courses have assumed knowledge and/or requisites, please refer to the individual Course Handbook. The Program Handbook has valuable information on program structure and requirements, if you are intending on studying part time or varying from this program plan please seek prior advice from your Program Advisor.
## Bachelor of Electrical and Electronic Engineering (Honours) / Bachelor of Business

### Major Options

Subject to change - Please refer to the program handbook for up to date information.

#### Leadership and Management Major

| Complete 30 units of compulsory courses | MNGT2005 Leadership and Ethics  
MNGT3011 Leading Organisational Change  
MNGT3012 Strategic Business Management |

#### Directed Courses

| Choose 10 units from the following 1000 level Business directed courses. | IBUS1000 Managing International Business Risk  
IRHR1002 Dynamics of People and Work in Organisations  
LEIS1000 Leisure Behaviour and Organisation  
MNGT1002 Introduction to Entrepreneurship and Innovation  
POLI1010 Australian Politics and Government |

**Note:** MNGT1002 Recommended

| Choose 10 units from the following 2000 level Business directed courses. | MNGT2002 Business Venturing  
MNGT2006 Decision Making under Uncertainty |

| Choose 20 units from the following 3000 level Business directed courses. | BUSN3001 Project in Business  
MNGT3002 Knowledge Management  
MNGT3008 Advanced Innovation Management  
MNGT3009 Business Development and Growth |

#### Entrepreneurship and Innovation Major

| Complete 50 units of compulsory courses | MNGT1002 Introduction to Entrepreneurship and Innovation  
MNGT2003 Entrepreneurial and Innovation Diversity  
MNGT3006 Entrepreneurial Strategy (20 units)  
MNGT3007 Social Entrepreneurship |

#### Directed Courses

| Choose 10 units from the following 2000 level Business directed courses. | MNGT2002 Business Venturing  
MNGT2004 Managing Innovation |

| Choose 10 units from the following 3000 level Business directed courses. | MNGT3002 Knowledge Management  
MNGT3008 Advanced Innovation Management  
MNGT3009 Business Development and Growth |

| Choose 20 units from the following 3000 level Business directed courses. | MNGT3002 Knowledge Management  
MNGT3008 Advanced Innovation Management  
MNGT3009 Business Development and Growth |
## Helpful Hints & Tips

### Enrolment Help

- **Need help?** Ask UON
- **How do I use the Web Timetable?**

### Info for New Students

- First year undergraduate students usually only enrol in 1000 level courses
- New Postgraduate students should only enrol in 6000 level courses
- Find out all you need to know about getting started at uni

### Understanding Courses & Programs

- Not sure what courses to study?
- Understanding program and course jargon
- Understanding UON Jargon

### Prior Study

- Check you have met the assumed knowledge and requisites for courses before enrolling
- Have you studied elsewhere or transferred programs? Don't forget to apply for credit

### Considering a Break?

- Need to take a break? This is called a 'leave of absence'. Check if you are eligible
- Planning on going overseas? Keep electives free, so it's easier for you to receive credit for your overseas studies

### More Questions?

> We are here to answer questions about your program. Talk to us your way!

- Ask UON
- 1300 ASK UON
- Visit Student Central
- Message us on Facebook or Twitter
- UONline via myUON

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It is important to follow this Program Plan.

You cannot repeat a course you've passed to try and get a better grade.

You cannot enrol in any extra courses not required by your program.