

# **Bachelor of Engineering and Bachelor of Business (BEBB) - BEng BBus**

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The program offers students a high level of flexibility as they are able to choose wide ranging combinations of an engineering major and a business major that best suits their career aspirations.

For more details of the two programs that comprise this award, applicants are asked to refer to the [Bachelor of Business](#) and [Bachelor of Engineering](#) sections in this Handbook.

### **Program objectives**

Graduates of the Bachelor of Engineering and Bachelor of Business program will have met the separate objectives of the [Bachelor of Engineering](#) and the [Bachelor of Business](#) programs.

### **Admission requirements**

#### **Applicants shall normally:**

- have studied four semester units and achieved an exit assessment of 'Sound Achievement' or better in each of the following Queensland Senior Secondary School subjects: English and Mathematics B. It is recommended that applicants should also have satisfactorily completed the subject: Physics, or
- be able to demonstrate that they have achieved an equiv

## **Program structure**

The program involves five

<b>OR</b>		
<a href="#">ECO1000 Economics</a>		
<b>Academic Courses - Engineering</b>		
<a href="#">ENM1600 Engineering Mathematics</a>		1
<a href="#">ENM2600 Advanced Engineering Mathematics</a>		1
		1
<a href="#">ENG1002 Introduction to Engineering and Spatial Science Applications</a>		1
<a href="#">ENG1100 Introduction to Engineering Design</a>		1
<a href="#">ENG1101 Introduction to Engineering Problem Solving</a>		1
<a href="#">ENG2102 Engineering Problem Solving and Analysis</a>		1
<a href="#">ENG4110 Engineering Research Methodology</a>		1
<a href="#">ENG3104 Engineering Simulations and Computations</a>		1
<a href="#">ENG4111 Research Project Part 1</a>		1
<a href="#">ENG4112 Research Project Part 2</a>		1
<b>Practice Courses - Engineering</b>		
<a href="#">ENG1901 Engineering Practice 1</a>		0
<a href="#">ENG3902 Professional Practice 1</a>		0
<a href="#">ENG4903 Professional Practice 2</a>		0
<a href="#">ENG4909 Work Experience - Professional</a>		0

When compared to the Core Studies program in the [Bachelor of Engineering](#) program the following changes have been made:

- the following courses have been deleted from the program: , [ENG2002 Technology, Sustainability and Society](#), and [ENG3003 Engineering Management](#)
- five courses from the [Bachelor of Business](#) have been added to the program.

## Major studies

### Engineering majors

An Engineering major study provides students with knowledge and skills in a particular engineering discipline. Students must select one of the following eight majors as their Engineering major.

<b>Engineering major studies:</b>
Agricultural Engineering
Civil Engineering
Computer Systems Engineering
Electrical and Electronic Engineering
Environmental Engineering
Instrumentation and Control Engineering
Mechanical Engineering
Mechatronic Engineering
Power Engineering

The courses in each of the Engineering majors are listed in the [Bachelor of Engineering](#) section of this Handbook. Students enrolled in the Bachelor of Engineering and Bachelor of Business program only study 16 of the 19 courses listed in an Engineering major.

The three courses that are not studied in each major are listed in the following table:

Engineering Major	Courses to be Deleted from the Major
	2 Electives and either <a href="#">F</a> either

neering Technology, the [Associate Degree of Engineering](#) or the [Diploma of Engineering Studies](#) may be permitted to exit with that award.

### **Course transfers**

Students who are enrolled in either the [Bachelor of Engineering](#) program or the [Bachelor of Business](#)

## **Recommended enrolment patterns**

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Due to the large number of combinations of engineering and business majors available separate recommended enrolment pattern tables are not printed in this Handbook.

Commencing on-campus students should enrol in the standard first year courses in the engineering major that they have selected. Towards the end of their first year they should consult the Faculty of Health, Engineering and Sciences for advice on the enrolment pattern to be followed in later years of the program.