

Bachelor of Engineering (Honours)/ Bachelor of Information Technology 2019 Dual Degree Program Structure

It is important that you read and understand the following information.

To be eligible to enrol in a dual degree program you must ensure that you satisfy the entry requirements for both programs.

Once enrolled it is your responsibility to ensure that you complete all the requirements for each section of this dual program in order to graduate with both degrees. The following information is designed to help you plan your enrolment to meet this goal. Further information can be found in the Official rules and Course lists under the **Program Rules and Requirements** link for each program in the Programs and courses website: <https://my.uq.edu.au/programs-courses>

You are not required to submit this program plan for approval. However, if you have any questions or concerns about meeting degree requirements, especially when you are nearing the end of your program, please contact the relevant Faculty for advice.

Please note: Students exiting early with one component of a dual degree must complete the single degree requirements of that component. Students will then be required to follow the single degree rules to complete the remaining component from that dual degree.

PROGRAM GUIDELINES

You must complete a total of 88 units for this dual degree program.

Restrictions apply to enrolment in ECON1050, ECON1310, STAT1201, STAT1301. Details of specific course restrictions are available at: <http://www.eait.uq.edu.au/be-dual-programs> and <https://www.eait.uq.edu.au/bachelor-engineering-electives>

Bachelor of Engineering (Hons) Requirements:

- ❖ One of the following–
 - (i) 56 units from the BE(Hons) course list, comprising–
 - (A) a BE(Hons) major; and
 - (B) the balance from the BE(Hons) course list or other courses approved by the executive dean;
 or
 - (ii) 60 units from the BE(Hons) course list, comprising a permitted BE(Hons) dual or extended major; or
 - (iii) 62 units from the BE(Hons) course list, comprising–
 - (A) 2 units from part D of the BE(Hons) year 1 list; and
 - (B) a permitted BE(Hons) dual or extended major which includes at least 6 units from the BInfTech courses.
- ❖ A student must undertake the BE(Hons) component of the dual program in one of the following fields of study –
 - ❖ a BE(Hons) major other than software engineering
 - ❖ a BE(Hons) extended major in electrical engineering or mechatronic engineering
 - ❖ a BE(Hons) dual major in electrical and biomedical engineering or electrical and computer engineering
- ❖ BE(Hons) students should discuss their enrolment plan with an academic adviser.
- ❖ The list of academic advisers is available at - <http://www.eait.uq.edu.au/eng-academic-advice>

Bachelor of Information Technology Requirements:

- ❖ The balance from BInfTech courses (not including courses counted towards the BE (Hons)), comprising–
 - (i) 14 units from part A1 of the BInfTech course list; and
 - (ii) 4 units from part A2 of the BInfTech course list; and
 - (iii) Either:
 - (A) a BInfTech major; or
 - (B) for a program undertaken with no BInfTech major, 14 units, comprising–
 - (a) 6 units from part B of the BInfTech course list, with at least 2 units from part B1; and
 - (b) 8 units from part C.
- ❖ BInfTech students should discuss their enrolment plan with an academic advisor (<http://www.itee.uq.edu.au/academic-advice>).

Special Rules

Courses in both course lists

- (1) Where a course is compulsory in both the BE(Hons) and BInfTech components of the dual program then it must be counted towards the BE(Hons) component of the dual program.
- (2) Where a course is compulsory in one component of the dual program but not the other, then it must be counted towards the component in which it is compulsory.
- (3) Where there is a choice as to which courses count towards each component of the dual program then the highest graded courses shall count towards the BE(Hons) and the balance towards the BInfTech.

BACHELOR OF ENGINEERING (HONS)/BACHELOR OF INFORMATION TECHNOLOGY DUAL DEGREE PROGRAM STRUCTURE

You can use this outline to plan your program structure.

BACHELOR OF ENGINEERING (HONS)		BACHELOR OF INFORMATION TECHNOLOGY	
Please consult your academic adviser for course selection	Units	Please consult your academic adviser for course selection	Units
YEAR ONE		YEAR ONE	
Semester 1		Semester 1	
ENGG1100 Engineering Design	2	INFS1200 Introduction to Information Systems	2
MATH1050 or MATH1051* or MATH1071	2		
Part A course from chosen major (Refer to the First Year Engineering guide or course list)	2		
Semester 2		Semester 2	
ENGG1200 Engineering Modelling & Problem Solving	2	CSSE1001# Introduction to Software Engineering or Part B course	2
MATH1051* and/ or MATH1052 or MATH1072	2		
Part A course from chosen major (Refer to the First Year Engineering guide or course list)	2		
<i>Summer Semester</i>		<i>Summer Semester</i>	
YEAR TWO		YEAR TWO	
Semester 1		Semester 1	
Part A courses from chosen major	6	DECO1100 Design Thinking	2
Semester 2		Semester 2	
Part A courses from chosen major	6	MATH1061 Discrete Mathematics	2
<i>Summer Semester</i>		<i>Summer Semester</i>	
YEAR THREE		YEAR THREE	
Semester 1		Semester 1	
Part A courses from chosen major	6	DECO1400 Introduction to Web Design	2
Semester 2		Semester 2	
Part A courses from chosen major	6	DECO1800 Design Computing Studio I - Interactive Technology	2
<i>Summer Semester</i>		<i>Summer Semester</i>	
YEAR FOUR		YEAR FOUR	
Semester 1		Semester 1	
Part A courses from chosen major	4	**Courses from Part B or Part C; or a BInfTech major course	4
Semester 2		Semester 2	
Part A courses from chosen major	4	DECO2800 Design Computing Studio 2 - Testing & Evaluation	2
		**Course from Part B or Part C; or a BInfTech major course	2
<i>Summer Semester</i>		<i>Summer Semester</i>	
YEAR FIVE		YEAR FIVE	
Semester 1		Semester 1	
Elective courses from chosen major and/or balance from electives	4	DECO3800 Design Computing Studio 3 - Proposal	2
		**Course from Part B or Part C; or a BInfTech major course	2
Semester 2		Semester 2	
Elective courses from chosen major and/or balance from electives	2	DECO3801 Design Computing Studio 3 - Build	2
		**Courses from Part B or Part C; or a BInfTech major course	4

YEAR SIX		YEAR SIX	
Semester 1		Semester 1	
	2	**Courses from Part B or Part C; or a BlnfTech major course	6
Total (refer to BE(Hons)/BlnfTech rules and p.1 of this document)	56 or 60 or 62 (refer to Rules)		22 or 28 or 32

**If MATH1050 is required defer MATH1051 until semester 2. MATH1052 may be deferred to summer semester*

#CSSE1001 must be completed as part of the BlnfTech for engineering majors that do require CSSE1001.

*****Students should complete either 14 units towards a BlnfTech major; or a combination of 4 units from Part B and 2 units from Part B1 and 8 units from Part C***

Please ensure that your BE(Hons) and BlnfTech majors are correctly entered on mySI-net.