Bachelor of Engineering (Honours)/ Bachelor of Information Technology 2020 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 may need to amend this plan depending on your choice of major. 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 which includes at least 4 units from the BInfTech courses.; 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
❖ Students must complete no more than 4 units of Level 1 non-engineering courses (i.e. courses not listed on the BE(Hons) course list).
❖ BE(Hons) students should discuss their enrolment plan with an academic adviser. The list of academic advisers is available at: https://www.eait.uq.edu.au/dual-program-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		
Summer Semester		*Summer Semester*	
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
Summer Semester		*Summer Semester*	
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 and/or elective courses from chosen major	6	DECO1800　　Design Computing Studio I - Interactive Technology	2
Summer Semester		*Summer Semester*	
YEAR FOUR		**YEAR FOUR**	
Semester 1		**Semester 1**	
Part A and/or elective courses from chosen major	4-6	**Courses from Part B or Part C; or a BInfTech major course	2-
Semester 2		**Semester 2**	
Part A and/or elective courses from chosen major	4-6	DECO2800　　Design Computing Studio 2 - Testing & Evaluation	2
		**Course from Part B or Part C; or a BInfTech major course	0-2
Summer Semester		*Summer Semester*	
YEAR FIVE		**YEAR FIVE**	
Semester 1		**Semester 1**	
Part A and/or elective courses from chosen major	4-6	DECO3800　　Design Computing Studio 3 - Proposal	2
		**Course from Part B or Part C; or a BInfTech major course	0-2
Semester 2		**Semester 2**	
Part A and/or elective courses from chosen major	4	DECO3801　　Design Computing Studio 3 - Build	2
		**Courses from Part B or Part C; or a BInfTech major course	2

YEAR SIX		YEAR SIX	
Semester 1		**Semester 1**	
ENGG4900 Professional Practice and the Business Environment	2	**Courses from Part B or Part C; or a BInfTech major course	4
Part A and/or elective courses from chosen major	2		
Total (refer to BE(Hons)/BInfTech rules and p.1 of this document)	**56 or 60 or 62 (refer to Rules)**		**26 or 28 or 32** (refer to Rules)

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

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

**Students should complete either 14 units towards a BInfTech 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 BInfTech majors are correctly entered on mySI-net.