Bachelor of Engineering (Hons)/Bachelor of Mathematics
2018 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 program requirements, especially when you are nearing the end of your program, please contact the relevant Faculty for advice.

PROGRAM GUIDELINES

You must complete a total of 80 units to satisfy program requirements for this dual program**.**

The prerequisites required for the major must be completed as either compulsory/elective courses towards the BE(Hons) program. Please consult with an academic advisor to assist with your course selection.

Bachelor of Engineering (Hons) Component Requirements:

- BE(Hons) Dual Degree students are not permitted to enrol in courses offered by other Faculties where there is an equivalent BE course. Restrictions apply to enrolment in ECON1050, ECON1310, BISM1201, PHYS1001, 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

- 60 units towards the BE(Hons) component, comprising:
  (i) 52 to 60 units from the BE(Hons) course list for a BE(Hons) field; and
  (ii) the balance, if any, from courses on the BE(Hons) course list or BMath course list or other courses approved by the executive dean;
- Under the BE(Hons)/BMath rules, A student must undertake the BE(Hons) component of the dual program in an approved field.
- BE(Hons)/BMath 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 Mathematics Component Requirements:

- 20 units from Part B of the BMath component comprising of:
  (i) 6 to 8 units from part A of the BMath course list which are not common compulsory courses (students must not enrol in STAT1301); and
  (ii) The balance from part B or part C of the BMath course list or a combination of both.
- A student must gain 8 units for late year courses from part A or part B of the BMath course list or a combination of both.
- A student may not undertake the BMath component of the dual program in any field.
- A list of recommended study plans for each major is available at:
- https://planner.science.uq.edu.au/content/bachelor-of-science

Please contact the Faculty of Science on (07) 3365 1888 for more information.

NB “Late year” course means a course at level 3 or higher

Note:

A) In constructing a course plan, students should pay particular attention to BE(Hons)/BMath Rule 5.2

BACHELOR OF ENGINEERING (HONS)/BACHELOR OF MATHEMATICS DUAL DEGREE PROGRAM STRUCTURE

You can use this outline to plan your program structure.

BACHELOR OF ENGINEERING (HONS)		BACHELOR OF MATHEMATICS	
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 (MATH1051 or MATH1071) # Part A courses from chosen major (Refer to the First Year Engineering guide or Course List)	2 2 4	MATH1050 (if required) #	2
Semester 2		**Semester 2**	
ENGG1200 Engineering Modelling & Problem Solving MATH1051 or (MATH1052 or MATH1072) # Part A course(s) from chosen major (Refer to the First Year Engineering guide or Course List)	2 2 2	MATH1061†	2
Summer Semester		***Summer Semester***	
YEAR TWO		**YEAR TWO**	
Semester 1		**Semester 1**	
Part A courses from chosen major including MATH2001*	6 - 8	MATH2400 or MATH2401	2
Semester 2		**Semester 2**	
Part A courses from chosen major	6 - 8	Part B or C BMath course	2
Summer Semester		***Summer Semester***	
YEAR THREE		**YEAR THREE**	
Semester 1		**Semester 1**	
Part A courses from chosen major	6 - 8	Part (B or C) BMath course if MATH2400 or 2401 has been completed	2
Semester 2		**Semester 2**	
Part A courses from chosen major	6 - 8	Part (B or C) BMath course	2
Summer Semester		***Summer Semester***	
YEAR FOUR		**YEAR FOUR**	
Semester 1		**Semester 1**	
Part A from chosen major and balance from electives	4 - 8	MATH3401 Balance from Part (B or C) BMath courses	2 0 - 2
Semester 2		**Semester 2**	
Part A from chosen major an balance from electives	4 - 8	Part (B or C) BMath courses	0 - 4
Summer Semester		***Summer Semester***	
YEAR FIVE		**YEAR FIVE**	
Semester 1		**Semester 1**	
Any remaining advanced engineering electives required to complete major or electives	**2 - 6**	Part (B or C) BMath courses	**2 - 6**
Semester 2		**Semester 2**	
ENGG4900 (compulsory Part A course in all majors**)**	**2**	Part (B or C) BMath courses	**6**
Total	**60**	**Total (Ensure minimum of #8 Late Year are included)**	**20**

Summer Semester is optional.

** MATH2001 must be completed by civil and software based engineering specialisations as part of the BMath.*

† *MATH1061 counts towards the BE(Hons) component for software engineering students.*

Please Note: MATH1050, if taken, must be counted towards the BMath component.
Please ensure your BE(Hons) major is correctly listed on mySI-net.