



Recommended Enrolment Plans for Students Commencing Bachelor of Engineering (Hons) Dual Degrees in Semester 2, 2021.

This document provides recommended enrolment plans for students commencing a Bachelor of Engineering (Hons) Dual Degree in Semester 2, 2021. This is intended to be used in conjunction with other resources provided at:

- <https://www.eait.uq.edu.au/plan-your-program-bachelor-engineering-honours>
- <https://www.eait.uq.edu.au/bachelor-engineering-dual-program-structure>

Not sure which Engineering Specialisation you want to do?

If you are enrolled in a dual degree and are not sure which engineering specialisation you would like to complete, your dual program will require careful planning to ensure that you are able to complete your program within the specified duration and without doing any more courses than are required.

As such, it is recommended that you meet with an academic advisor to assist you in choosing your courses for your first semester.

Already know which Engineering Specialisation you want to do?

If you already know which engineering specialisation you want to do, an enrolment plan is provided for each of the six specialisations for those who have, and who have not, completed High School Specialist Mathematics (or equivalent). These generally allow for two courses from your dual program.

If you have not completed High School Specialist Mathematics, some plans recommended that you complete MATH1051 during Summer Semester at the end of your first semester as the best way to progress. This may be particularly important if your dual program is the B.Mathematics, B.Sc (Mathematics) or B.Sc (Physics). If you cannot do this, meet with an academic advisor prior to the end of your first semester of study to discuss your study plan.

Similarly, if you have not completed High School Physics or High School Chemistry, and your Specialisation requires you to complete either of the University catch-up courses (PHYS1171 and CHEM1090), it is strongly recommended that you make an appointment with an academic advisor to help you select your courses.

Need to Make and Academic Advising Appointment?

The details of how to make an academic advising appointment are provided here:

- <https://www.eait.uq.edu.au/first-year-engineering-academic-advice>



Dual Degree with Specialisation in Chemical Engineering

Not Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1050	ENGG1500	Dual Degree Course
Summer Semester	MATH1051			
Semester 1 (February)	ENGG1001	MATH1052	CHEM1100	Dual Degree Course
<ul style="list-style-type: none">It is recommended that you complete MATH1051 during summer semester in order to provide greater flexibility in your program after year 1. If you are unable to complete MATH1051 during summer semester, you should seek academic advice during your first semester to plan your program.No High School Chemistry? Seek academic advice to plan your program.				

Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1051	ENGG1500	Dual Degree Course
Semester 1 (February)	ENGG1001	MATH1052	CHEM1100	Dual Degree Course
<ul style="list-style-type: none">No High School Chemistry? Seek academic advice to plan your program.				



Dual Degree with Specialisation in Civil Engineering

Not Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1050	ENGG1700	Dual Degree Course
Semester 1 (February)	ENGG1001	MATH1051	MATH1052	Dual Degree Course
<ul style="list-style-type: none"> If you achieve a grade of 4 in MATH1050, it is recommended that you do MATH1051 in Summer Semester. If you are unable to complete MATH1051 during summer, you should seek academic advice before commencing Semester 1 (Feb) to plan your program. No High School Physics? Seek academic advice to plan your program. 				

Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1051	ENGG1700	Dual Degree Course
Semester 1 (February)	ENGG1001	MATH1052	Eng. Elective or Dual Degree Course	Dual Degree Course
<ul style="list-style-type: none"> No High School Physics? Complete PHYS1171 in Sem 2 (July), and complete ENGG1700 in Sem 1 (Feb). 				



Dual Degree with Specialisation in Electrical Engineering

Not Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1050	ENGG1300	Dual Degree Course
Semester 1 (February)	CSSE1001 (Or ENGG1001)	MATH1051	MATH1052	Dual Degree Course
<ul style="list-style-type: none"> If you achieve a grade of 4 in MATH1050, it is recommended that you do MATH1051 in Summer Semester. If you are unable to complete MATH1051 during summer, you should seek academic advice before commencing Semester 1 (Feb) to plan your program. No High School Physics? Seek academic advice to plan your program. 				

Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1051	ENGG1300	Dual Degree Course
Semester 1 (February)	CSSE1001 (Or ENGG1001)	MATH1052	Engineering Elective or Dual Degree Course	Dual Degree Course
<ul style="list-style-type: none"> No High School Physics? Complete PHYS1171 in Sem 2 (July), and complete ENGG00 in Sem 1 (Feb). 				



Dual Degree with Specialisation in Mechanical Engineering

Not Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1050	ENGG1700	Dual Degree Course
Summer Semester	MATH1051			
Semester 1 (February)	ENGG1001	MATH1052	ENGG1500	Dual Degree Course
<ul style="list-style-type: none">It is recommended that you complete MATH1051 during summer semester in order to provide greater flexibility in your program after year 1. If you are unable to complete MATH1051 during summer semester, you should seek academic advice during your first semester to plan your program.ENGG1300 must be completed in Year 2 or 3.No High School Physics? Seek academic advice to plan your program.No High School Chemistry? Seek academic advice to plan your program.				

Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1051	ENGG1700	Dual Degree Course
Semester 1 (February)	ENGG1001	MATH1052	ENGG1500	Dual Degree Course
<ul style="list-style-type: none">ENGG1300 must be completed in Year 2 or 3.No High School Physics? Seek academic advice to plan your program.No High School Chemistry? Seek academic advice to plan your program.				



Dual Degree with Specialisation in Mechatronic Engineering

Not Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1050	ENGG1300	Dual Degree Course
Summer Semester	MATH1051			
Semester 1 (February)	ENGG1001 or CSSE1001	MATH1052	ENGG1700	Dual Degree Course
<ul style="list-style-type: none">It is recommended that you complete MATH1051 during summer semester in order to provide greater flexibility in your program after year 1. If you are unable to complete MATH1051 during summer semester, you should seek academic advice during your first semester to plan your program.No High School Physics? Seek academic advice to plan your program.				

Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	MATH1051	ENGG1300	Dual Degree Course
Semester 1 (February)	ENGG1001 or CSSE1001	MATH1052	ENGG1700	Dual Degree Course
<ul style="list-style-type: none">No High School Physics? Seek academic advice to plan your program.				



Dual Degree with Software Engineering

Not Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	CSSE1001 (Or ENGG1001)	MATH1050	Dual Degree Course
Semester 1 (February)	MATH1051	MATH1052	ENGG1300	Dual Degree Course
<ul style="list-style-type: none"> If you achieve a grade of 4 in MATH1050, it is recommended that you do MATH1051 in Summer Semester. If you are unable to complete MATH1051 during summer, you should seek academic advice before commencing Semester 1 (Feb) to plan your program. 				

Completed Specialist Mathematics with a grade of C or above.				
Semester 2 (July)	ENGG1100	CSSE1001 (Or ENGG1001)	MATH1051	Dual Degree Course
Semester 1 (February)	MATH1052	ENGG1300	MATH1061 or INFS1200 or Dual Degree Course	Dual Degree Course