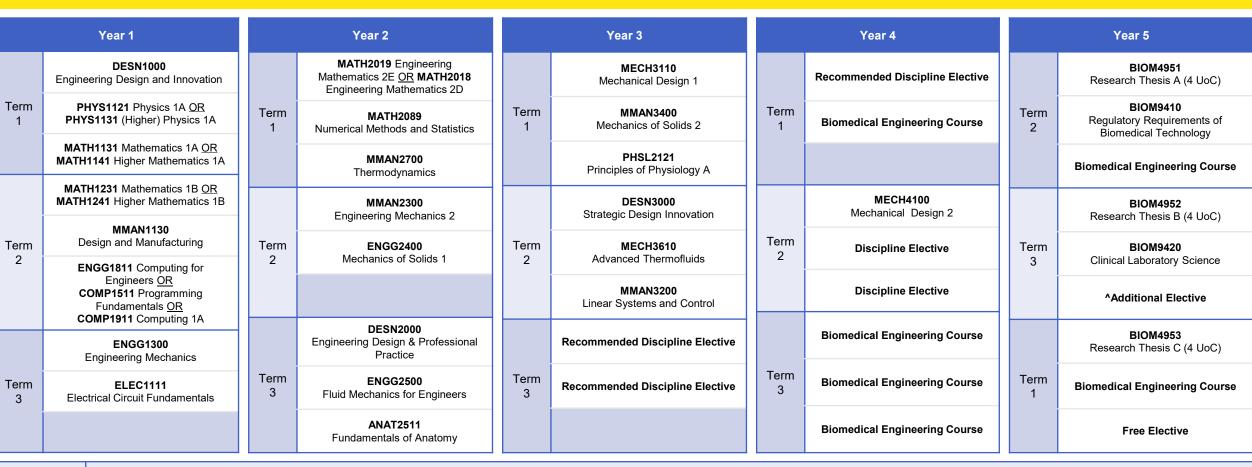
Engineering Engineering (Honours) / Biomedical Engineering (3768) Mechanical Engineering (MECHAH)

T1 Entry 2025 Sample Plan

NOTES



Compulsory Training Component: There is a program requirement of 60 days approved <u>Industrial Training</u> ENGG4999.
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*MATS1110 is recommended as the free elective. ^BIOM1010 Engineering in Medicine and Biology is a recommended first year elective

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

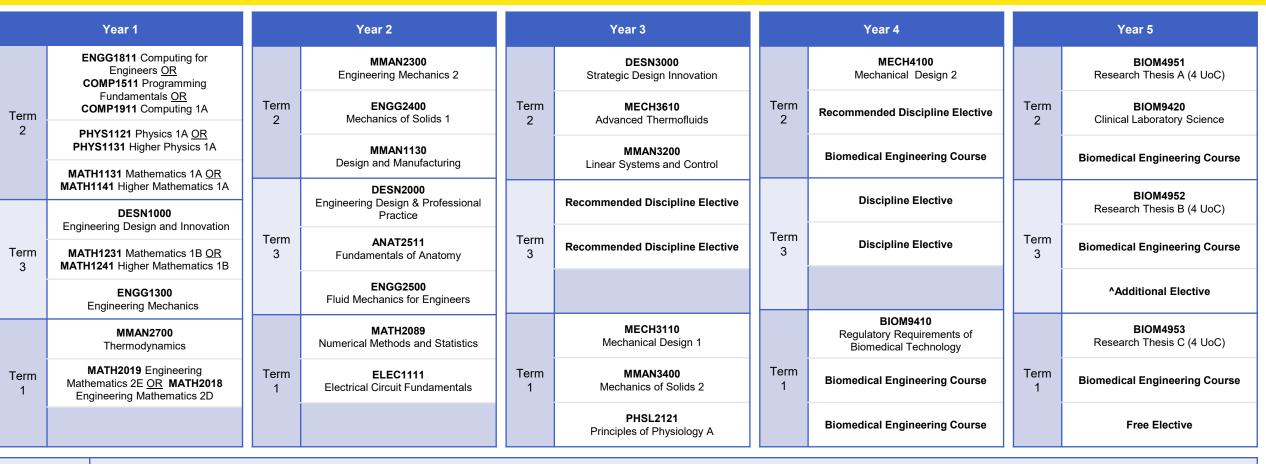
Information is correct as of October 2024 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G



Engineering Engineering (Honours) / Biomedical Engineering (3768) Mechanical Engineering (MECHAH)

T2 Entry 2025 Sample Plan

NOTES



Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999.

*MATS1110 is recommended as the free elective. *BIOM1010 Engineering in Medicine and Biology is a recommended first year elective

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Engineering Engineering (Honours) / Biomedical Engineering (3768) Mechanical Engineering (MECHAH)

T3 Entry 2025 Sample Plan

NOTES

Year 1		Year 2		Year 3		Year 4		Year 5	
Term 3	DESN1000 Engineering Design and Innovation	Term 3	DESN2000 Engineering Design & Professional Practice	Term 3	ANAT2511 Fundamentals of Anatomy	Term 3	Recommended Discipline Elective	Term 3	BIOM4951 Research Thesis A (4 UoC)
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A		ENGG1300 Engineering Mechanics		Recommended Discipline Elective		Discipline Elective		Biomedical Engineering Course
	PHYS1121 Physics 1A <u>OR</u> PHYS1131 Higher Physics 1A		ENGG2500 Fluid Mechanics for Engineers						Biomedical Engineering Course
Term 1	ELEC1111 Electrical Circuit Fundamentals		MATH2019 Engineering Mathematics 2E <u>OR</u>	Term 1	MECH3110 Mechanical Design 1	Term 1	Discipline Elective	Term 1	BIOM4952 Research Thesis B (4 UoC)
	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B	Term 1	MATH2018 Engineering Mathematics 2D						BIOM9410
	MMAN2700		MATH2089 Numerical Methods and Statistics		MMAN3400 Mechanics of Solids 2		Biomedical Engineering Course		Regulatory Requirements of Biomedical Technology
	Thermodynamics				PHSL2121		Biomedical Engineering Course		Additional Elective
Term 2	MMAN1130 Design and Manufacturing		Recommended Discipline Elective		Principles of Physiology A				
	ENGG1811 Computing for Engineers <u>OR</u>		MMAN2300 Engineering Mechanics 2	Term 2	DESN3000 Strategic Design Innovation	Term 2	MECH4100 Mechanical Design 2	Term 2	BIOM4953 Research Thesis C (4 UoC)
	COMP1511 Programming Fundamentals <u>OR</u> COMP1911 Computing 1	Term 2	ENGG2400 Mechanics of Solids 1		MECH3610 Advanced Thermofluids		Biomedical Engineering Course		BIOM9420 Clinical Laboratory Science
					MMAN3200 Linear Systems and Control		Biomedical Engineering Course		Free Elective*

Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999.

*MATS1110 is recommended as the free elective. ^BIOM1010 Engineering in Medicine and Biology is a recommended first year elective

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