

Engineering

Engineering (Honours) / Biomedical Engineering (3768)

[Mechanical Engineering \(MECHAH\)](#)

T1 Entry 2025 Sample Plan



Year 1		Year 2	
Term 1	DESN1000 Engineering Design and Innovation	Term 1	MATH2019 Engineering Mathematics 2E <u>OR</u> MATH2018 Engineering Mathematics 2D
	PHYS1121 Physics 1A <u>OR</u> PHYS1131 (Higher) Physics 1A		MATH2089 Numerical Methods and Statistics
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A		MMAN2700 Thermodynamics
Term 2	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B	Term 2	MMAN2300 Engineering Mechanics 2
	MMAN1130 Design and Manufacturing		ENGG2400
	ENGG1811 Computing for Engineers <u>OR</u> COMP1511 Programming Fundamentals <u>OR</u> COMP1911 Computing 1A		
Term 3	ENGG1300 Engineering Mechanics		
	ELEC1111 Electrical Circuit Fundamentals		



Year 1		Year 2		Year 3		Year 4		Year 5	
Term 2	ENGG1811 Computing for Engineers <u>OR</u> COMP1511 Programming Fundamentals <u>OR</u> COMP1911 Computing 1A	Term 2	MMAN2300 Engineering Mechanics 2	Term 2	DESN3000 Strategic Design Innovation	Term 2	MECH4100 Mechanical Design 2	Term 2	
	PHYS1121 Physics 1A <u>OR</u> PHYS1131 Higher Physics 1A		ENGG2400 Mechanics of Solids 1		MECH3610 Advanced Thermofluids		Recommended Discipline Elective		
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A		MMAN1130 Design and Manufacturing		MMAN3200 Linear Systems and Control		Biomedical Engineering Course		Biomedical Engineering C60rse
Term 3	DESN1000 Engineering Design and Innovation	Term 3	DESN2000 Engineering Design & Professional Practice	Term 3	Recommended Discipline Elective	Term 3	Discipline Elective		
	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B		ANAT2511 Fundamentals of Anatomy		Recommended Discipline Elective		Discipline Elective		
	ENGG1300 Engineering Mechanics		ENGG2500 Fluid Mechanics for Engineers						
Term 1	MMAN2700 Thermodynamics	Term 1	MATH2089 Numerical Methods and Statistics	Term 1	MECH3110 Mechanical Design 1	Term 1	BIOM9410 Regulatory Requirements of Biomedical Technology		
	MATH2019 Engineering Mathematics 2E <u>OR</u> MATH2018 Engineering Mathematics 2D		ELEC1111 Electrical Circuit Fundamentals		MMAN3400 Mechanics of Solids 2		Biomedical Engineering Course		
					PHSL2121 Principles of Physiology A		Biomedical Engineering Course		

