Engineering

Bachelor of Engineering (Honours) / Computer Science (3785)

Mechanical and Manufacturing Engineering (MANFBH) / Computer Science (COMPA1)

T1 Entry 2025 Sample Plan

Year 1				Year 3				Year 5	
Term 1	COMP1511 Programming Fundamentals			Term 1	MMAN3200 Linear Systems and Control	OR COMP3821 Extended Algorithm Design and Analysis		Term 1	MMAN4951 Research Thesis A
	MATH1131 Mathematics 1A OR MATH1141 Higher Mathematics 1A				MECH3110 Mechanical Design 1	MANF4430 Reliability and Maintenance Engineering			MANF4150 Design of Intelligent Manufacturing Systems
	PHYS1121 Physics 1A OR				COMP2521 Data Structures and Algorithms	MANF4100 Design and Analysis of Product-Process Systems			Computing Elective
		ENGG2400 Mechanics of Solids 1		Term 2	DESN3000 Strategic Design Innovation	MANF4611 Process Modelling and Simulation		Term 2	MMAN4952 Research Thesis B
		MMAN1130 Design and Manufacturing			MANF3510 Process Technology and Automation	Term 2 COMP3900 Computer Science Project			Computing Elective
									Discipline Elective
		DESN2000 Engineering Design and Professional Practice		Term 3	COMP2511 Object-Oriented Design and Programming	MMAN4400 Engineering Management		Term 3	MMAN4953 Research Thesis C
		Term 3 MATH2089 Numerical Methods and Statistics			MMAN2700 Thermodynamics	Term 3 COMP4920 Professional Issues and Ethics in Information Technology			Computing Elective
		MMAN2300 Engineering Mechanics 2			Discipline Elective	Computing Elective			Computing Elective

NOTES

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

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

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