

Bachelor of Engineering (Honours) (3707)

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	Discrete Mathematics	
	Engineering Design and Innovation	
	Programming Fundamentals	
Term 2	Physics 1A <u>OR</u> Higher Physics 1A	
	Mathematics 1A	
	Mathematics 1B	Data Structures and Algorithms
Term 3	Electrical Circuit Fundamentals	Term 3
	Physics 1B <u>OR</u> Higher Physics 1BDESN2000	
	Engineering Design & Professional Practice	
	Mathematics 2B	
	Analogue Electronics	

Term 1	Object-Oriented Design & Programming	Research Thesis A (4 UoC)
	Digital Circuits and Systems	
Term 2	Computer Architecture	Research Thesis B (4 UoC)
		Design Project B
Term 3	Design Project A	Research Thesis C (4 UoC)
	Operating Systems	Professional Issues and Ethics in Information Technology

Engineering Bachelor of Engineering (Honours) (3707)

Computer Engineering (COMPBH)

T2 Entry 2025 Sample Plan



Term 2	Programming Fundamentals	Term 2	Software Engineering Fundamentals	Term 2	Operating Systems	Term 2	Research Thesis A (4 UoC)
	Mathematics 1A		Data Structures and Algorithms		Mathematics 2B		Design Project B
	Physics 1A <u>OR</u> Higher Physics 1A		Engineering Design & Professional Practice		Analogue Electronics		Computer Architecture
Term 3	Engineering Design and Innovation	Term 3	Object-Oriented Design & Programming	Term 3	Design Project A	Term 3	Research Thesis B (4 UoC)
	Computer Systems Fundamentals		Circuits and Signals				
	Electrical Circuit Fundamentals						
Term 1	Mathematics 1B <u>OR</u> Higher Mathematics 1B	Term 1	Digital Circuits and Systems	Term 1	Professional Issues and Ethics in Information Technology	Term 1	Research Thesis C (4 UoC)
	Physics 1B <u>OR</u> Higher Physics 1B		Discrete Mathematics				

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999

