

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

## [Renewable Energy Engineering \(SOLABH\)](#) / [Computer Science \(COMPA1\)](#)

### T1 Entry 2025 Sample Plan



Year 1		Year 2		Year 3			
Term 1	COMP1511 Programming Fundamentals	Term 1	COMP1531 Software Engineering Fundamentals	Term	COMP3121 Algorithm Design and Analysis <u>OR</u>	Term 1	SOLA4951 Research Thesis A
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A		MATH2018 Engineering Mathematics 2D <u>OR</u> MATH2019 Engineering Mathematics 2E				Stand Elective
	PHYS1121 Physics 1A <u>OR</u> PHYS1131 Higher Physics 1A		MATH2089 Numerical Methods and Statistics				Computing Elective
Term 2	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B	Term 2	SOLA1070 Sustainable Energy			Term 2	SOLA4952 Research Thesis B
	PHYS1221 Physics 1B <u>OR</u> PHYS1231 Higher Physics 1B		COMP2521 Data Structures and Algorithms		Strand Elective		
	COMP1521 Computer Systems Fundamentals				Computing Elective		
Term 3	DESN1000 Introduction to Engineering Design and Innovation	Term 3	MMAN2700 Thermodynamics			Term 3	SOLA4953 Research Thesis C
	ELEC1111 Electrical Circuit Fundamentals		DESN2000 Engineering Design and Professional Practice		Computing Elective		
			ELEC2911 Power Engineering for Renewable Energy		Computing Elective		

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Year 1	
Term 3	COMP1511 Programming Fundamentals