

Bachelor of Engineering (Honours) (3707)

Computer Engineering (COMPBH)

T1 Entry 2023 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 1	DESN1000 Engineering Design and Innovation	Term 1	PHYS1221 OR PHYS1231 (Higher) Physics 1B	Term 1	COMP3231 Operating Systems	Term 1	COMP4951 Research Thesis A (4 UoC)
	COMP1511 Programming Fundamentals		COMP2521 Data Structures and Algorithms		COMP3211 Computer Architecture		General Education Course
	MATH1131 OR MATH1141 (Higher) Mathematics 1A		ELEC2134 Circuits and Signals		Free Elective Course		Level 4 or Higher Discipline Elective Course
Term 2	MATH1231 OR MATH1241 (Higher) Mathematics 1B	Term 2	DESN2000 Engineering Design & Professional Practice	Term 2	COMP2511 Object-Oriented Design & Programming	Term 2	COMP4952 Research Thesis B (4 UoC)
	COMP1521 Computer Systems Fundamentals		MATH2099 Mathematics 2B		Discipline Elective Course		COMP4601 Design Project B
	PHYS1121 OR PHYS1131 (Higher) Physics 1A		ELEC2133 Analogue Electronics		Free Elective Course		General Education Course
Term 3	COMP1531 Software Engineering Fundamentals	Term 3	MATH2069 Mathematics 2A	Term 3	Discipline Elective Course	Term 3	COMP4953 Research Thesis C (4 UoC)
	ELEC1111 Electrical Circuit Fundamentals		COMP3222 Digital Circuits and Systems		COMP3601 Design Project A		Level 4 or Higher Discipline Elective Course
							COMP4920 Professional Issues and Ethics in Information Technology

NOTES

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

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

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T2 Entry 2023 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 2	COMP1511 Programming Fundamentals	Term 2	COMP1531 Software Engineering Fundamentals	Term 2	COMP2511 Object-Oriented Design & Programming	Term 2	COMP4951 Research Thesis A (4 UoC)
	MATH1131 Mathematics 1A		COMP2521 Data Structures and Algorithms		MATH2099 Mathematics 2B		COMP4601 Design Project B
	PHYS1121 OR PHYS1131 (Higher) Physics 1A		DESN2000 Engineering Design & Professional Practice		ELEC2133 Analogue Electronics		General Education Course
Term 3	DESN1000 Engineering Design and Innovation	Term 3	COMP3222 Digital Circuits and Systems	Term 3	Discipline Elective Course	Term 3	COMP4952 Research Thesis B (4 UoC)
	MATH1231 Mathematics 1B		ELEC2134 Circuits and Signals		COMP3601 Design Project A		Level 4 or Higher Discipline Elective Course
	ELEC1111 Electrical Circuit Fundamentals		MATH2069 Mathematics 2A		Free Elective		General Education Course
Term 1	COMP1521 Computer Systems Fundamentals	Term 1	COMP3231 Operating Systems	Term 1	Discipline Elective Course	Term 1	COMP4953 Research Thesis C (4 UoC)
	PHYS1221 OR PHYS1231 (Higher) Physics 1B		COMP3211 Computer Architecture		Free Elective		Level 4 or Higher Discipline Elective Course
							COMP4920 Professional Issues and Ethics in Information Technology

NOTES

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

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T3 Entry 2023 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 3	DESN1000 Engineering Design and Innovation	Term 3	PHYS1221 OR PHYS1231 (Higher) Physics 1B	Term 3	COMP2511 Object-Oriented Design & Programming	Term 3	COMP4951 Research Thesis A (4 UoC)
	COMP1511 Programming Fundamentals		COMP1531 Software Engineering Fundamentals		MATH2069 Mathematics 2A		Level 4 or Higher Discipline Elective Course
	MATH1131 OR MATH1141 (Higher) Mathematics 1A		COMP3222 Digital Circuits and Systems		COMP3601 Design Project A		Free Elective
Term 1	MATH1231 OR MATH1241 (Higher) Mathematics 1B	Term 1	ELEC2134 Circuits and Signals	Term 1	Discipline Elective Course	Term 1	COMP4952 Research Thesis B (4 UoC)
	ELEC1111 Electrical Circuit Fundamentals		Free Elective		COMP3231 Operating Systems		COMP4920 Professional Issues and Ethics in Information Technology
	COMP1521 Computer Systems Fundamentals		COMP3211 Computer Architecture		General Education Course		Level 4 or Higher Discipline Elective Course
Term 2	COMP2521 Data Structures and Algorithms	Term 2	DESN2000 Engineering Design & Professional Practice	Term 2	Discipline Elective Course	Term 2	COMP4953 Research Thesis C (4 UoC)
	PHYS1121 OR PHYS1131 (Higher) Physics 1A		ELEC2133 Analogue Electronics		MATH2099 Mathematics 2B		COMP4601 Design Project B
							General Education Course

NOTES

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

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