

Engineering

Bachelor of Engineering (Honours) (3707)

Telecommunications Engineering (TELEAH)



T1 Entry 2024 Sample Plan

Year 1		Year 2		Year 3		Year 4	
Term 1	DESN1000 Intro. to Eng. Design and Innovation	Term 1	ELEC2141 Digital Circuit Design	Term 1	ELEC3115 Electromagnetic Engineering	Term 1	ELEC4122 Strategic Leadership & Ethics
	PHYS1121 Physics 1 A <u>OR</u> PHYS1131 Higher Physics 1A		ELEC2134 Circuits and Signals		ELEC3106 Electronics		Discipline Elective
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A				TELE3113 Analogue & Digital Communications		ELEC4951 Research Thesis A (4 UoC)
Term 2	COMP1511 Programming Fundamentals <u>OR</u> COMP1911 Computing 1A	Term 2	DESN2000 Engineering Design & Professional Practice	Term 2	ELEC3117 Electrical Engineering Design	Term 2	ELEC4952 Research Thesis B (4 UoC)
	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B		MATH2099 Mathematics 2B		ELEC3114 Control Systems		Free Elective <u>OR</u> Discipline Elective
			ELEC2133 Analogue Electronics		Discipline Elective		General Education Course
Term 3	COMP1521 Computer Systems Fundamentals	Term 3	ELEC3104 Digital Signal Processing	Term 3	General Education Course	Term 3	ELEC4123 Electrical Design Proficiency
	PHYS1231 Higher Physics 1B		TELE3118 Network Technologies		Free Elective <u>OR</u> Discipline Elective		TELE3119 Trusted Networks
	ELEC1111 Electrical Circuit Fundamentals		MATH2069 Mathematics 2A				ELEC4953 Research Thesis C (4 UoC)

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.



Year 1

Term
2

COMP1511 Programming
Fundamentals OR
COMP1911 Computing 1A

MATH1131
Mathematics 1A

PHYS1121 Physics 1 A OR
PHYS1131 Higher Physics 1A

Term
3

DESN1000
Intro. to Eng. Design and Innovation

ELEC1111

