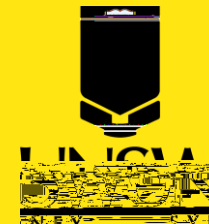# Engineering
Bachelor of Engineering (Honours) (3707)
Telecommunications Engineering (TELEAH)
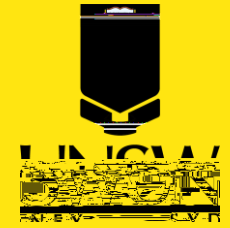## T1 Entry 2024 Sample Plan

	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 OR **PHYS1131** Higher Physics 1A		**ELEC2134** Circuits and Signals		**ELEC3106** Electronics		**Discipline Elective**
	MATH1131 Mathematics 1A OR **MATH1141** Higher Mathematics 1A				**TELE3113** Analogue & Digital Communications		**ELEC4951** Research Thesis A (4 UoC)
Term 2	**COMP1511** Programming Fundamentals OR **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 OR **MATH1241** Higher Mathematics 1B		**MATH2099** Mathematics 2B		**ELEC3114** Control Systems		**Free Elective OR 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 OR 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 <u>OR</u> **COMP1911** Computing 1A
	MATH1131 Mathematics 1A
	PHYS1121 Physics 1 A <u>OR</u> **PHYS1131** Higher Physics 1A
Term 3	**DESN1000** Intro. to Eng. Design and Innovation
	ELEC1111