



Year 1		Year 2		Year 3		Year 4		Year 5	
Term 1	DESN1000 Introduction to Engineering Design and Innovation	Term 1	ELEC2141 Digital Circuit Design	Term 1	ELEC3115 Electromagnetic Engineering	Term 1	ELEC4951 Research Thesis A (4 UoC)	Term 1	ELEC9451 Masters Project A
	ELEC1111 Electrical Circuit Fundamentals		ELEC2134 Circuits and Signals		Broadening Discipline Elective		ELEC4122 Strategic Leadership & Ethics		Lvl 4 Discipline Elective
							Lvl 4 Discipline Elective		Lvl 5 Discipline Elective
Term 2	PHYS1131 Higher Physics 1A	Term 2	DESN2000 Engineering Design & Professional Practice	Term 2	ELEC3117 Electrical Engineering Design	Term 2	ELEC4952 Research Thesis B (4 UoC)	Term 2	ELEC9452 Masters Project B
	MATH1131 Mathematics 1A		MATH2099 Mathematics 2B		ELEC3114 Control Systems		Broadening Discipline Elective		Lvl 5 Discipline Elective
	Broadening Discipline Elective		ELEC2133 Analogue Electronics		ELEC3105 Electrical Energy		Lvl 4 Discipline Elective		Lvl 5 Discipline Elective
Term 3	PHYS1231 Higher Physics 1B	Term 3	ELEC3104 Digital Signal Processing	Term 3	Broadening Discipline Elective	Term 3	ELEC4953 Research Thesis C (4 UoC)	Term 3	ELEC9453 Masters Project C
	MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B		ELEC2177 Electrical Systems Design		Lvl 3 Discipline Elective		ELEC4123 Electrical Design Proficiency		Lvl 5 Discipline Elective
	COMP1511 Programming Fundamentals		MATH2069 Mathematics 2A		Engineering and Technical Management Elective		Broadening Discipline Elective <u>OR</u> Free Elective		Broadening Discipline Elective <u>OR</u> Free Elective

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		Year 2		Year 3		Year 4		Year 5	
Term 3	DESN1000 Intro. to Eng. Design and Innovation	Term 3	COMP1511 Programming Fundamentals	Term 3	ELEC3104 Digital Signal Processing	Term 3	ELEC4951 Research Thesis A (4 UoC)	Term 3	ELEC9451 Masters Project A
	PHYS1131 Higher Physics 1A		MATH2069 Mathematics 2A		MATH2099 Mathematics 2B		Lvl 4 Discipline Elective		Broadening Discipline Elective
	MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A		Broadening Discipline Elective		ELEC2177 Electrical Systems Design		Lvl 4 Discipline Elective		Broadening Discipline Elective
Term 1	PHYS1231 Higher Physics 1B	Term 1	ELEC2141 Digital Circuit Design	Term 1	ELEC3115 Electromagnetic Engineering	Term 1	ELEC4952 Research Thesis B (4 UoC)	Term 1	ELEC9452 Masters Project B
	MATH1231 Mathematics 1B		ELEC2134 Circuits and Signals		Lvl 3 Discipline Elective		ELEC4123 Electrical Design Proficiency		Lvl 5 Discipline Elective
	ELEC1111 Electrical Circuit Fundamentals						ELEC4122 Strategic Leadership & Ethics		Lvl 5 Discipline Elective
Term 2	Broadening Discipline Elective <u>OR</u> Free Elective	Term 2	DESN2000 Engineering Design & Professional Practice	Term 2	ELEC3117 Electrical Engineering Design	Term 2	ELEC4953 Research Thesis C (4 UoC)	Term 2	ELEC9453 Masters Project C
	Broadening Discipline Elective		ELEC2133 Analogue Electronics		ELEC3114 Control Systems		Lvl 4 Discipline Elective		Lvl 5 Discipline Elective
			Broadening Discipline Elective <u>OR</u> Free Elective		ELEC3105 Electrical Energy		Engineering and Technical Management Elective		Lvl 5 Discipline Elective

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