Sample Study Outline

Electrical Engineering

Program / Degree: 3707 B. Engineering (Electrical Engineering)

Year	Term 1	UOC	Term 2	UOC	Term 3	UOC
1st	MATH1131 Maths 1A **OR** MATH1141 Higher Maths 1A	6	COMP1511 Introduction to Programming	6	PHYS1231 Higher Physics 1B	6
	DESN1000 Engineering Design and Innovation	6	PHYS1131 Higher Physics 1A	6	COMP1521 Computer Systems Fundamentals	6
	ELEC1111 Electrical Circuit Fundamentals	6	MATH1231 Maths 1B **OR** MATH1241 Higher Maths 1B	6	MATH2069 Mathematics 2A	6
	Total UOC	18	Total UOC	18	Total UOC	18
2nd	ELEC2141 Digital Circuit Design	6	ELEC2133 Analogue Electronics	6	*ENGG4909 Co-op Industry Training 1*	**12**
	ELEC2134 Circuits and Signals	6	DESN2000 Engineering Design and Professional Practice	6		
	Gen Ed	6	MATH2099 Mathematics 2B	6		
	Total UOC	18	Total UOC	18	Total UOC (nominal)	12
3rd	ELEC3115 Electromagnetic Engineering	6	ELEC3105 Electrical Energy	6	*Gen Ed*	6
	TELE3113 Analogue & Digital Comms	6	ELEC3114 Control Systems	6	ELEC3104 Digital Signal Processing	6
	ELEC3106 Electronics	6	ELEC3117 Electrical Engineering Design	6	Elective	6
	Total UOC	18	Total UOC	18	Total UOC	18
4th	**ENGG4902** *Co-op Industry Training 2A*	**12**	**ENGG4903** *Co-op Industry Training 2B*	**6**	**ENGG4905** *Co-op Industry Training 3B*	**12**
			ENGG4904 *Co-op Industry Training 3A*	**6**		
	Total UOC (nominal)	12	Total UOC (nominal)	12	Total UOC (nominal)	12
5th	ELEC4951 Research Thesis A	4	ELEC4952 Thesis B	4	ELEC4953 Thesis C	4
	ELEC4122 Strategic Leadership & Ethics	6	Discipline Elective Level 4	6	ELEC4123 Electrical Design Proficiency	6
	Discipline Elective Level 4	6	Elective	6	Elective	6
	Total UOC	16	Total UOC	16	Total UOC	16

Notes:

- This is a **SAMPLE** study outline only and can be subject to change.
- You must always take your Industry Training schedule into consideration when planning your course enrolment or other commitments (see diagram below).
- Note that there are 7 electives. These must include exactly 2 general education electives, at most 2 free electives, and at least 2 L4 electives. The balance of required electives can be either L3 (breadth) or L4 (discipline) electives, see UNSW Handbook.

Resources:

- UNSW Handbook
- School
- Co-op

Co-op Academic Coordinator

For enrolment related questions please always contact your Co-op Academic Coordinator in the first instance:

Prof Robert Malaney

02 9385 6580

r.malaney@unsw.edu.au

When would I be on Industry Training (IT)?