Sample Study Outline

Computer Science

Program / Degree: 3778 B.Sci (Computer Science)

Year	Term 1	UOC	Term 2	UOC	Term 3	UOC
1st	COMP1511 Introduction to Programming	6	COMP2521 Data Structures and Algorithms	6	COMP1531 Software Engineering Fundamentals	6
	MATH1131 Mathematics 1A **OR** MATH1141 Higher Mathematics 1A	6	MATH1081 Discrete Maths	6	COMP1521 Computer Systems Fundamentals	6
			MATH1231 Maths 1B **OR** MATH1241 Higher Maths 1B	6	*Discipline Elective*	6
	Total UOC	12	Total UOC	18	Total UOC (nominal only)	18
2nd	COMP3121 Algorithms and Programming **OR** COMP3821 Extended Algorithms	6	COMP2511 Object-oriented Design & Programming	6	**ENGG4909 Co-op Industry Training 1**	**6**
	Discipline Elective	6	*Discipline Elective*	6		
	Discipline Elective	6	*Discipline Elective*	6		
	Total UOC	18	Total UOC	18	Total UOC (nominal only)	6
3rd	*Discipline Elective*	6	**ENGG4902 Co-op Industry Training 2A**	**6**	**ENGG4903 Co-op Industry Training 2B**	**6**
	Discipline Elective	6	*General Education*	6	**ENGG4904 Co-op Industry Training 3A**	**6**
	General Education	6				
	Total UOC	18	Total UOC + (nominal)	12	Total UOC (nominal)	12
4th	**ENGG4905 Co-op Industry Training 3B**	**6**	COMP3900 Computer Science Project	6	COMP4920 Professional Issues and Ethics	6
			Discipline Elective	6	*Discipline Elective*	6
			Discipline Elective	6	*Discipline Elective*	6
	Total UOC (nominal)	6	Total UOC	18	Total UOC	18

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).
- Electives:
  - Discipline Electives Level 3 or higher need to make up min 30UOC. Any COMP3 or higher options are suitable.
  - Discipline Elective options are listed here: https://www.handbook.unsw.edu.au/undergraduate/programs/2020/3778?q=Computer
  - General Education options need to make up 12UOC.

Resources:

UNSW Handbook: https://www.handbook.unsw.edu.au/undergraduate/programs/2021/3778

- School: https://www.engineering.unsw.edu.au/study-with-us/undergraduate-degrees/computer-science
- Co-op: https://www.coop.unsw.edu.au/programs/computer-science-cmp

Co-op Academic Coordinator

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

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When would I be on Industry Training (IT)?