



Sample Study Outline

Computer Science

Program / Degree: [3778 B.Sci \(Computer Science\)](#)

Year	Term 1	UOC	Term 2	UOC	Term 3	UOC
1 st	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	<i>Discipline Elective</i>	6
	Total UOC	12	Total UOC	18	Total UOC (nominal only)	18
2 nd	COMP3121 Algorithms and Programming OR COMP3821 Extended Algorithms	6	COMP2511 Object-oriented Design & Programming	6	ENGG4909 Co-op Industry Training 1	6
	<i>Discipline Elective</i>	6	<i>Discipline Elective</i>	6		
	<i>Discipline Elective</i>	6	<i>Discipline Elective</i>	6		
	Total UOC	18	Total UOC	18	Total UOC (nominal only)	6
3 rd	<i>Discipline Elective</i>	6	ENGG4902 Co-op Industry Training 2A <i>General Education</i>	6 6	ENGG4903 Co-op Industry Training 2B ENGG4904 Co-op Industry Training 3A	6 6
	<i>Discipline Elective</i>	6				
	<i>General Education</i>	6				
	Total UOC	18	Total UOC + (nominal)	12	Total UOC (nominal)	12
4 th	ENGG4905 Co-op Industry Training 3B	6	COMP3900 Computer Science Project	6	COMP4920 Professional Issues and Ethics	6
			<i>Discipline Elective</i>	6	<i>Discipline Elective</i>	6
			<i>Discipline Elective</i>	6	<i>Discipline Elective</i>	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)?

2024



2025



2026



2027

