



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	12
	<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>	12 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	12	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: UNSW calendar will move from 3-trimester model to 2-semester model in 2028 so the sample study outline from 3rd to 4th year will be subject to significant change later.

- This is a SAMPLE study outline only and can be subject to change. However, it is highly recommended that you take enough discipline electives and directed COMP courses prior to starting your placements to set you up with the knowledge to apply to your placements.
- 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](#):
 - General Education options need to make up 12UOC.
- A possible period for an international exchange is during the summer and the first term of the third year.

Resources:

- [Handbook](#)
- [School](#)
- [Co-op](#)

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)?

