



Sample Study Outline

Software Engineering



Program / Degree: [3707 B.Engineering Hons \(Software Engineering\)](#)

Year	Term 1	UOC	Term 2	UOC	Term 3	UOC
1 st	MATH1131 Maths 1A OR MATH1141 Higher Maths 1A MATH1081 Discrete Mathematics COMP1511 Programming Fundamentals	6 6 6	MATH1231 Maths 1B OR MATH1241 Higher Maths 1B COMP2521 Data Structures and Algorithms COMP2041 Software Construction Techniques and Tools	6 6 6	DESN1000 Engineering Design and Innovation COMP1531 Software Engineering Fundamentals SENG2011 Software Engineering Workshop 2A	6 6 6
	Total UOC	18	Total UOC	18	Total UOC	18
2 nd	SENG2991 Co-op Industry Training 1 SENG2021 Requirements and Design Workshop	6 6	MATH2400 Finite Mathematics MATH2859 Probability and Statistics DESN2000 Engineering Design and Professional Practice COMP3311 Database Systems	3 3 6 6	COMP2511 Object-Oriented Design & Programming COMP1521 Computer Systems Fundamentals Free Elective	6 6 6
	Total UOC	12	Total UOC	18	Total UOC (nominal)	18
3 rd	SENG3993 Co-op Industry Training 2A SENG3011 Software Engineering Workshop 3	6 6	SENG3993 Co-op Industry Training 2B SENG3994 Co-op Industry Training 3A COMP3142 Software Testing and Quality Assurance	6 6 6	SENG3994 Co-op Industry Training 3B COMP3331 Computer Networks and Applications	6 6
	Total UOC	12	Total UOC	18	Total UOC	12
4 th	COMP4951 Research Thesis A Discipline Elective <i>General Education</i>	4 6 6	COMP4952 Research Thesis B Discipline Elective Level 4 <i>General Education</i>	4 6 6	COMP4953 Research Thesis C COMP4920 Management and Ethics Discipline Elective Level 4	4 6 6
	Total UOC (nominal)	16	Total UOC (nominal)	16	Total UOC (nominal)	16

*NB The timing and structure of the Software Engineering Honours should be clarified with the School of Computer Science Engineering

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.
- 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 36 UOC. Any COMP3 or higher options are suitable.
 - Discipline Electives Level 4 or higher need to make up 12 UOC. Any COMP4 or higher options are suitable.
 - Discipline Electives (Foundational Disciplinary or Disciplinary Knowledge Courses – any level) need to make up 12 UOC
 - Discipline Elective options are listed here: <https://www.handbook.unsw.edu.au/undergraduate/specialisations/2025/SENGAH>
 - General Electives need to make up 12 UOC.
 - Free Electives need to make up 6 UOC.

Resources:

- [UNSW Handbook](#)
- [School](#)
- [Co-op Program Page](#)

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)?

