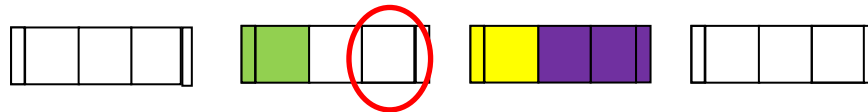





Software Engineering Sample Study Outline


| Year | Term 1 | UOC | Term 2 | UOC | Term 3 | UOC |
|-----------------|--|-----------|---|---------------------|--|----------|
| 1 st | COMP1511 Programming Fundamentals | 6 | MATH1081 Discrete Mathematics | 6 | COMP1531 Software Engineering Fundamentals | 6 |
| | ENG1000 Engineering Design and Innovation | 6 | COMP1521 Computer Systems Fundamentals | 6 | MATH1231 Maths 1B OR MATH1241 Higher Maths 1B | 6 |
| | MATH1131 Maths 1A OR MATH1141 Higher Maths 1A | 6 | <i>General Education</i> | 6 | COMP2521 Data Structures and Algorithms | 6 |
| | Total UOC | 18 | Total UOC | 18 | Total UOC | 18 |
| 2 nd | SENG2991 Co-op Industry Training 1 | 6 | COMP2041 Software Construction | 6 | COMP2511 Object-Oriented Design & Programming | 6 |
| | SENG2021 Requirements and Design Workshop | 6 | MATH2400 Finite Mathematics | 3 | SENG2011 Software Engineering Workshop 2A | 6 |
| | | | MATH2859 Probability and Statistics | 3 | COMP3311 Database Systems | 6 |
| | | | DESN2000 Engineering Design and Professional Practice | 6 | | |
| Total UOC | 12 | Total UOC | 18 | Total UOC (nominal) | 18 | |
| 3 rd | SENG3991 Co-op Industry Training 2A | 6 | SENG3991 Co-op Industry Training 2B | 6 | SENG3992 Co-op Industry Training 3B | 6 |
| | SENG3011 Software Engineering Workshop 3 | 6 | SENG3992 Co-op Industry Training 3A | 6 | COMP3331 Computer Networks and Applications | 6 |
| | | | COMP3141 Software System Design and Implementation | 6 | | |
| | Total UOC | 12 | Total UOC | 18 | Total UOC | 12 |
| 4 th | COMP4951 Research Thesis A | 4 | COMP4952 Research Thesis B | 4 | COMP4953 Research Thesis C | 4 |
| | <i>Discipline Elective</i> | 6 | <i>Discipline Elective Level 4</i> | 6 | SENG4920 Management and Ethics | 6 |
| | <i>General Education</i> | 6 | <i>Free Elective</i> | 6 | <i>Discipline Elective Level 4</i> | 6 |
| | Total UOC (nominal) | 16 | Total UOC (nominal) | 16 | Total UOC (nominal) | 16 |



 Other opportunities i.e. exchange

 IT1: Jan – Jun (20 weeks)

 IT2: Jan – Jul (24 weeks)

 IT3: Jul – Dec (24 weeks)