Bachelor Computer Science - 3778 - Security Engineering - COMPY1 - T2 2026 Start

Program: Computer Science [3778]

Year 1 Term 2

Course or Activity	Prerequisites	Credits
COMP1511 Programming Fundamentals		6
Computing Elective		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
COMP1531 Software Engineering Fundamentals	COMP1511	6
COMP2521 Data Structures and Algorithms	COMP1511	6
MATH1131 or MATH1141		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
COMP1521 Computer Systems Fundamentals	COMP1511	6
MATH1081 Discrete Mathematics		6
MATH1231 or MATH1241		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
COMP2511 Object-Oriented Design and Programming	COMP2521, COMP1531	6
General Education, Free Electives and Optional Minors		6
General Education, Free Electives and Optional Minors		6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
Security Engineering Prescribed Electives		6
General Education		6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
Security Engineering Prescribed Electives		6
General Education, Free Electives and Optional Minors		6

Course or Activity		Credits
Security Engineering Prescribed Electives		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
General Education, Free Electives and Optional Minors		6
General Education, Free Electives and Optional Minors		6
General Education		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
COMP3121 Algorithm Design and Analysis	MATH1081, COMP2521	6
COMP6441 or COMP6841		6
General Education, Free Electives and Optional Minors		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
COMP3900 Computer Science Project	COMP2521, COMP1531	6
COMP4920 Professional Issues and Ethics in Information Technology		6