

# Bachelor of Information Technology (Network and Cybersecurity Systems (Honours)) 2023 Study Planner



Science & Engineering

## Semester 1 Start:

First Level	Semester 1	<b>COMP1002</b> Fundamentals of Computational Intelligence	<b>COMP1102</b> Computer Programming 1	<b>ENGR1401</b> Professional Skills	<b>Option Topic</b> MATH/STAT
	Semester 2	<b>COMP1711</b> Database Modelling and Knowledge Engineering	<b>ENGR1762</b> Networks and Cybersecurity	<b>Elective</b>	<b>Elective</b>
Second Level	Semester 1	<b>COMP2031</b> Data Engineering	<b>COMP3781</b> Cybersecurity	<b>ENGR2871</b> Networking Fundamentals	<b>COMP2812</b> Systems Software
	Semester 2	<b>COMP2030</b> Human Factors for Interactive Web-Based Systems	<b>COMP2711</b> Computer Programming 2	<b>ENGR2792</b> Software System Requirements and Design	<b>COMP9035</b> ICT Management and Professional Standards
Third Level	Semester 1	<b>COMP3721</b> Information Security	<b>ENGR3791</b> Software Testing and Quality Assurance	<b>COMP3033</b> Cloud and Distributed Computing	<b>Elective Topic</b> (Only if <b>STEM3004</b> is taken in S2)
	NS1	<b>ENGR3750</b> Workplace Preparation			
	Semester 2	<b>COMP7701</b> Advanced Enterprise Security	<b>ENGR2872</b> Routing and Switching	Choose either: <b>STEM3004</b> 12 Week Industry Based Practicum 9 units <b>OR</b> <b>STEM3005</b> 20 Week Industry Based Practicum 13.5 units (Course Coordinator Approval Required)	
Fourth Level	Semester 1	<b>STEM7003</b> Research Methods for Engineering and ICT Honours	<b>COMP7720</b> Advanced Studies in Computing A	<b>COMP7721</b> Advanced Studies in Computing B	<b>STEM7004A</b> Honours Research Project (4.5/13.5 units)
	Semester 2	<b>STEM7004B</b> Honours Research Project (4.5/13.5 units)	<b>STEM7004C</b> Honours Research Project (4.5/13.5 units)	<b>COMP7725</b> Advanced Studies in Computing C	<b>ENGR9742</b> Systems Engineering

## Semester 2 Start:

First Level	Semester 2	<b>COMP1711</b> Database Modelling and Knowledge Engineering	<b>ENGR1762</b> Networks and Cybersecurity	<b>Elective</b>	<b>Elective</b>
	Semester 1	<b>COMP1002</b> Fundamentals of Computational Intelligence	<b>COMP1102</b> Computer Programming 1	<b>ENGR1401</b> Professional Skills	<b>Option Topic</b> MATH/STAT
Second Level	Semester 2	<b>COMP2030</b> Human Factors for Interactive Web-Based Systems	<b>COMP2711</b> Computer Programming 2	<b>ENGR2792</b> Software System Requirements and Design	<b>COMP9035</b> ICT Management and Professional Standards
	Semester 1	<b>COMP2031</b> Data Engineering	<b>COMP3781</b> Cybersecurity	<b>ENGR2871</b> Networking Fundamentals	<b>COMP2812</b> Systems Software
	NS1	<b>ENGR3750</b> Workplace Preparation			
Third Level	Semester 2	<b>COMP7701</b> Advanced Enterprise Security	<b>ENGR2872</b> Routing and Switching	Choose either: <b>STEM3004</b> 12 Week Industry Based Practicum 9 units <b>OR</b> <b>STEM3005</b> 20 Week Industry Based Practicum 13.5 units (Course Coordinator Approval Required)	
	Semester 1	<b>COMP3721</b> Information Security	<b>ENGR3791</b> Software Testing and Quality Assurance	<b>COMP3033</b> Cloud and Distributed Computing	<b>Elective Topic</b> (Only if <b>STEM3004</b> is taken)
Fourth Level	Semester 2	<b>STEM7003</b> Research Methods for Engineering and ICT Honours	<b>COMP7720</b> Advanced Studies in Computing A	<b>ENGR9742</b> Systems Engineering	<b>STEM7004A</b> Honours Research Project (4.5/13.5 units)
	Semester 1	<b>STEM7004B</b> Honours Research Project (4.5/13.5 units)	<b>STEM7004C</b> Honours Research Project (4.5/13.5 units)	<b>COMP7721</b> Advanced Studies in Computing B	<b>COMP7725</b> Advanced Studies in Computing C

**Key:**

Core Topics	Compulsory topic
Option Topics	A choice from a list of specified topics (please refer to course rule)
Elective	Any topic offered by the University at the appropriate year level, provided entry and course requirements are met and that no more than 45 units of First Year topics are included in the program.

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official [Course Rule](#).
- Topic information for all topics, including pre-requisites can be found on the [Topic Page](#)
- General enrolment assistance is available via [Ask Flinders](#)
- For specific course advice e-mail: [courseadvice.SE@flinders.edu.au](mailto:courseadvice.SE@flinders.edu.au)