

# Bachelor of Computer Science (Honours) 2024 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>Elective Topic</b>
	Semester 2	<b>COMP1711</b> Database Modelling and Information Management	<b>MATH1121</b> Mathematics 1A  (Refer to course rule note 2 if you do not have SACE Maths Methods)	<b>ENGR1762</b> Networks and Cybersecurity	<b>Elective Topic</b>
Second Level	Semester 1	<b>COMP2812</b> Systems Software	<b>COMP2031</b> Data Engineering	<b>ENGR2871</b> Networking Fundamentals	<b>COMP2711</b> Computer Programming 2
	Semester 2	<b>COMP2030</b> Human Factors for Interactive and Web-Based Systems	<b>COMP2781</b> Computer Mathematics	<b>ENGR2792</b> Software Systems Requirements and Design	<b>Elective Topic</b>
Third Level	Semester 1	<b>COMP3712</b> Computer Programming 3	<b>COMP3721</b> Information Security	<b>COMP3722</b> Theory and Practice of Computation	<b>ENGR3791</b> Software Testing and Quality Assurance
	NS1	<b>ENGR3750</b> Workplace Preparation 0 Units			
	Semester 2	<b>COMP9035</b> ICT Management and Professional Standards	Choose either: <b>STEM3004</b> 12 Week Industry Based Practicum 9 units and <b>Elective Topic</b> <b>OR</b> <b>STEM3005</b> 20 Week Industry Based Practicum 13.5 units		
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>MATH1121</b> Mathematics 1A (Refer to course rule note 2 if you do not have SACE Maths Methods)	<b>COMP1711</b> Database Modelling and Information Management	<b>ENGR1762</b> Networks and Cybersecurity	<b>Elective Topic</b>
	Semester 1	<b>COMP1002</b> Fundamentals of Computational Intelligence	<b>ENGR1401</b> Professional Skills	<b>COMP1102</b> Computer Programming 1	<b>Elective Topic</b>
Second Level	Semester 2	<b>COMP2030</b> Human Factors for Interactive and Web-Based Systems	<b>COMP2781</b> Computer Mathematics	<b>ENGR2792</b> Software Systems Requirements and Design	<b>Elective Topic</b>
	Semester 1	<b>COMP2812</b> Systems Software	<b>COMP2031</b> Data Engineering	<b>ENGR2871</b> Networking Fundamentals	<b>COMP2711</b> Computer Programming 2
	NS1	<b>ENGR3750</b> Workplace Preparation 0 Units			
Third Level	Semester 2	<b>COMP9035</b> ICT Management and Professional Standards	Choose either: <b>STEM3004</b> 12 Week Industry Based Practicum 9 units and <b>Elective Topic</b> <b>OR</b> <b>STEM3005</b> 20 Week Industry Based Practicum 13.5 units		
	Semester 1	<b>COMP3712</b> Computer Programming 3	<b>COMP3721</b> Information Security	<b>COMP3722</b> Theory and Practice of Computation	<b>ENGR3791</b> Software Testing and Quality Assurance
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 108-unit 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)