Bachelor of Computer Science (Honours)
2023 Study Planner

Flinders University
Science & Engineering

Semester 1 Start:

First Level	**Semester 1**	**COMP1002** Fundamentals of Computational Intelligence	**COMP1102** Computer Programming 1	**MATH1121** Mathematics 1A (See course rule note. 2 if you do not have SACE Maths Methods)	**Elective Topic**
	Semester 2	**COMP1711** Database Modelling and Information Management	**ENGR1401** Professional Skills	**ENGR1762** Networks and Cybersecurity	**Elective Topic**
Second Level	**Semester 1**	**COMP2812** Systems Software	**COMP2031** Data Engineering	**ENGR2871** Networking Fundamentals	**Elective Topic**
	Semester 2	**COMP2030** Human Factors for Interactive and Web-Based Systems	**COMP2711** Computer Programming 2	**ENGR2792** Software Systems Requirements and Design	**COMP2781** Computer Mathematics
Third Level	**Semester 1**	**COMP3712** Computer Programming 3	**COMP3721** Information Security	**COMP3722** Theory and Practice of Computation	**ENGR3791** Software Testing and Quality Assurance
	NS1	**ENGR3750** Workplace Preparation 0 Units			
	Semester 2	**COMP9035** ICT Management and Professional Standards	Choose either: **STEM3004** 12 Week Industry Based Practicum 9 units and **Elective Topic** **OR** **STEM3005** 20 Week Industry Based Practicum 13.5 units		
Fourth Level	**Semester 1**	**STEM7003** Research Methods for Engineering and ICT Honours	**COMP7720** Advanced Studies in Computing A	**COMP7721** Advanced Studies in Computing B	**STEM7004A** Honours Research Project (4.5/13.5 units)
	Semester 2	**STEM7004B** Honours Research Project (4.5/13.5 units)	**STEM7004C** Honours Research Project (4.5/13.5 units)	**COMP7725** Advanced Studies in Computing C	**ENGR9742** Systems Engineering

This guide is correct at time of publishing but is subject to change November 2022

Semester 2 Start:

First Level	Semester 2	**MATH1121** Mathematics 1A (See course rule note. 2 if you do not have SACE Maths Methods)	**COMP1711** Database Modelling and Information Management	**ENGR1762** Networks and Cybersecurity	**Elective Topic**
	Semester 1	**COMP1002** Fundamentals of Computational Intelligence	**ENGR1401** Professional Skills	**COMP1102** Computer Programming 1	**Elective Topic**
Second Level	Semester 2	**COMP2030** Human Factors for Interactive and Web-Based Systems	**COMP2711** Computer Programming 2	**ENGR2792** Software Systems Requirements and Design	**COMP2781** Computer Mathematics
	Semester 1	**COMP2812** Systems Software	**COMP2031** Data Engineering	**ENGR2871** Networking Fundamentals	**Elective Topic**
	NS1	**ENGR3750** Workplace Preparation 0 Units			
Third Level	Semester 2	**COMP9035** ICT Management and Professional Standards	Choose either: **STEM3004** 12 Week Industry Based Practicum 9 units and **Elective Topic** **OR** **STEM3005** 20 Week Industry Based Practicum 13.5 units		
	Semester 1	**COMP3712** Computer Programming 3	**COMP3721** Information Security	**COMP3722** Theory and Practice of Computation	**ENGR3791** Software Testing and Quality Assurance
Fourth Level	Semester 2	**STEM7003** Research Methods for Engineering and ICT Honours	**COMP7720** Advanced Studies in Computing A	**ENGR9742** Systems Engineering	**STEM7004A** Honours Research Project (4.5/13.5 units)
	Semester 1	**STEM7004B** Honours Research Project (4.5/13.5 units)	**STEM7004C** Honours Research Project (4.5/13.5 units)	**COMP7721** Advanced Studies in Computing B	**COMP7725** 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