Bachelor of Engineering (Software) (Honours)
2024 Study Planner

Flinders University
Science & Engineering

Semester 1 Start:

First Level	**Semester 1**	**COMP1002** Fundamentals of Computational Intelligence	**COMP1102** Computer Programming 1	**ENGR1401** Professional Skills	**MATH Option**
	Semester 2	**COMP1711** Database Modelling and Information Management	**ENGR1201** Electronics	**ENGR1762** Networks and Cybersecurity	**MATH Option**
Second Level	**Semester 1**	**COMP2031** Data Engineering	**ENGR2871** Networking Fundamentals	**COMP3033** Cloud and Distributed Computing	**COMP2812** Systems Software
	Semester 2	**COMP2711** Computer Programming 2	**COMP2030** Human Factors for Interactive and Web-Based Systems	**ENGR2792** Software System Requirements and Design	**COMP2781** Computer Mathematics
Third Level	**Semester 1**	**COMP3712** Computer Programming 3	**COMP3721** Information Security	**ENGR3791** Software Testing and Quality Assurance	**COMP3722** Theory and Practice of Computation
	NS1	**ENGR3750** Workplace Preparation (0 units)			
	Semester 2	**COMP9035** ICT Management and Professional Standards	**STEM3005** 20-week Industry-based Practicum		
Fourth Level	**Semester 1**	**STEM7003** Research Methods for Engineering and ICT Honours	**STEM7004A** Honours Research Project (4.5/15 units)	**ENGR7791** Software Engineering; People, Process and DevOps	**COMP7720** Advanced Studies in Computing A
	Semester 2	**STEM7004B** Honours Research Project (4.5/15 units)	**STEM7004C** Honours Research Project (4.5/15 units)	**ENGR9742** Systems Engineering	**COMP7721** Advanced Studies in Computing B

Semester 2 Start:

First Level	**Semester 2**	**COMP1711** Database Modelling and Information Management	**ENGR1201** Electronics	**ENGR1762** Networks and Cybersecurity	**MATH Option**
	Semester 1	**COMP1002** Fundamentals of Computational Intelligence	**COMP1102** Computer Programming 1	**ENGR1401** Professional Skills	**MATH Option**
Second Level	**Semester 2**	**COMP2711** Computer Programming 2	**COMP2030** Human Factors for Interactive and Web-Based Systems	**ENGR2792** Software System Requirements and Design	**COMP2781** Computer Mathematics
	NS1	**ENGR3750** Workplace Preparation (0 units)			
	Semester 1	**COMP2031** Data Engineering	**COMP2812** Systems Software	**COMP3033** Cloud and Distributed Computing	**ENGR2871** Networking Fundamentals
Third Level	**Semester 2**	**COMP9035** ICT Management and Professional Standards	**STEM3005** 20-week Industry-based Practicum		
	Semester 1	**COMP3712** Computer Programming 3	**COMP3721** Information Security	**ENGR3791** Software Testing and Quality Assurance	**COMP3722** Theory and Practice of Computation
Fourth Level	**Semester 2**	**STEM7004B** Honours Research Project (4.5/15 units)	**STEM7004C** Honours Research Project (4.5/15 units)	**ENGR9742** Systems Engineering	**COMP7721** Advanced Studies in Computing B
	Semester 1	**STEM7003** Research Methods for Engineering and ICT Honours	**STEM7004A** Honours Research Project (4.5/15 units)	**ENGR7791** Software Engineering; People, Process and DevOps	**COMP7720** Advanced Studies in Computing A

Key:

Core Topics	Compulsory topic
Option Topics	A choice from a list of specified topics (please refer to course rule)

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

This guide is correct at time of publishing but is subject to change October 2023