Bachelor of Computer Science (Artificial Intelligence)
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	**Option Year One Topic** (Or swap with elective)
	Semester 2	**COMP1711** Database Modelling and Information Management	**ENGR1401** Professional Skills	**ENGR1762** Networks and Cybersecurity	**Elective Topic** (see course rule for recommended electives)
Second Level	**Semester 1**	**COMP2711** Computer Programming 2	**COMP2812** Systems Software	**Option Year Two Topic**	**Elective Topic** (see course rule for recommended electives)
	Semester 2	**COMP2030** Human Factors for Interactive and Web-Based Systems	**COMP2712** Neural Networks and Machine Learning	**COMP2781** Computer Mathematics	**Option Year Two Topic**
Third Level	**Semester 1**	**COMP3712** Computer Programming 3	**COMP3721** Information Security	**COMP3722** Theory and Practice of Computation	**Elective Topic** (see course rule for recommended electives) [**Only enrol if completing STEM3004**]
	NS1	**ENGR3750** Workplace Preparation 0 Units			
	Semester 2	**COMP3742** Artificial intelligence	**COMP9035** ICT Management and Professional Standards	Choose either: **STEM3004** 12 Week Industry Based Practicum 9 units **OR** **STEM3005** 20 Week Industry Based Practicum 13.5 units (Course Coordinator Approval Required)	

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	**COMP1711** Database Modelling and Information Management	**ENGR1762** Networks and Cybersecurity	**Option Year One Topic** (Or swap with elective)
	Semester 1	**COMP1002** Fundamentals of Computational Intelligence	**ENGR1401** Professional Skills	**COMP1102** Computer Programming 1	**Elective Topic** (see course rule for recommended electives)
Second Level	Semester 2	**COMP2030** Human Factors for Interactive and Web-Based Systems	**COMP2712** Neural Networks and Machine Learning	**COMP2781** Computer Mathematics	**Option Year Two Topic**
	Semester 1	**COMP2812** Systems Software	**COMP2711** Computer Programming 2	**Option Year Two Topic**	**Elective Topic** (see course rule for recommended electives)
	NS1	**ENGR3750** Workplace Preparation 0 Units			
Third Level	Semester 2	**COMP3742** Artificial Intelligence	**COMP9035** ICT Management and Professional Standards	Choose either: **STEM3004** 12 Week Industry Based Practicum 9 units **OR** **STEM3005** 20 Week Industry Based Practicum 13.5 units (Course Coordinator Approval Required)	
	Semester 1	**COMP3712** Computer Programming 3	**COMP3721** Information Security	**COMP3722** Theory and Practice of Computation	**Elective Topic** (see course rule for recommended electives) [**Only enrol if completing STEM3004**]

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

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