

Bachelor of Computer Science (Artificial Intelligence) (Honours) 2023 Study Planner



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)	
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

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]
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.

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