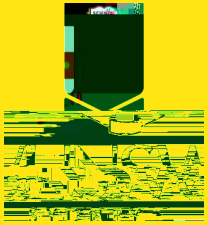
Bachelor of Science - Computer Science (3778)

Artificial Intelligence (COMPI1)

T1 Entry 2025 Sample Plan



	Year 1	Year 2	Year 3
Term 1	**COMP1511** Programming Fundamentals	**COMP2511** Object-Oriented Design & Programming	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**Prescribed Elective**	**COMP3411** Artificial Intelligence
	MATH1081 Discrete Mathematics	**Prescribed Elective**	**Free Elective**
Term 2	**MATH1231** Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B	**General Education Course**	**COMP3900** Computer Science Project
	COMP1521 Computer Systems Fundamentals	**Prescribed Elective**	**Free Elective**
	COMP1531 Software Engineering Fundamentals	**Free Elective**	**Free Elective**
Term 3	**COMP2521** Data Structures and Algorithms	**General Education Course**	**COMP4920** Professional Issues and Ethics in Information Technology
	Computing Elective	**Free Elective**	**Free Elective**

NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

All Level 1 and Level 2 courses are offered in each standard term and free electives can be taken in any term. If Level 1 or Level 2 core courses are full, students may take free electives first and take core courses in later terms.

COMP1511 is expected to be completed by the end of Term 2 Year 1. er with of after COMP1511 is completed
COMP2521 in sequence.

Most Computing Electives require completion of COMP2521, students are recommended to complete COMP2521 in the first year of study if possible.

*Students who completed COMP1531 and COMP2521 can take COMP2511 in Term 1 Year 2.

Year 2	
Term 2	**COMP2511** Object-Oriented Design & Programming
	Free Elective
	Free Elective
Term 3	**General Education Course**
	Prescribed Elective
	Prescribed Elective
Term 1	**Prescribed Elective**
	Free Elective

Term 2	**Free Elective**
	Free Elective
	General Education Course
Term 3	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
	Free Elective

Free Electives are courses from any Faculty at UNSW including Engineering

General Education are courses from non-Engineering Faculties at UNSW. General Education courses cannot be closely related to 3778 core courses. MATHs courses cannot be counted as General Education courses.

Information is correct as of 01.12.2023 and is based on proposed prerequisites and course availability.