

Advanced Computer Science (Honours) (3779)

Artificial Intelligence (COMPIH)

T2 Entry 2025 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 2	COMP1511 Programming Fundamentals	Term 2	COMP2511 Object-Oriented Design & Programming	Term 2	Free Elective	Term 2	COMP4961 Computer Science Thesis A
	Computing Elective		Free Elective		Free Elective		Artificial Intelligence Elective
Term 3	MATH1141 (Higher) Mathematics 1A	Term 3	General Education Course	Term 3	General Education Course	Term 3	COMP4962 Computer Science Thesis B
	COMP1531 Software Engineering Fundamentals		Computing Elective		Free Elective		Artificial Intelligence Elective
	COMP2521 Data Structures and Algorithms		Computing Elective				Advanced Computing Elective
Term 1	COMP1521 Computer Systems Fundamentals	Term 1	Computing Elective	Term 1	COMP4920 Professional Issues and Ethics in Information Technology	Term 1	COMP4963 Computer Science Thesis C
	MATH1081 Discrete Mathematics		Free Elective		COMP3411 Artificial Intelligence		Artificial Intelligence Elective
	MATH1241 (Higher) Mathematics 1B				COMP3900 Computer Science Project		

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. Students don't need to take COMP1521, COMP1531 and 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.

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T3 Entry 2025 Sample Plan



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

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	<p>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 later55b29a3.775 0-5.8 (r)0e.</p>