## Engineering Advanced Computer Science (Honours) (3779) Artificial Intelligence (COMPIH) T1 Entry 2025 Sample Plan



	Year 1		Year 2		Year 3		Year 4			
	COMP1511 Programming Fundamentals		COMP2521 Data Structures and Algorithms		COMP3821 Extended Algorithm Design and Analysis		COMP4961 Computer Science Thesis A			
Term 1	MATH1141 (Higher) Mathematics 1A	Term 1	Computing Elective	Term 1	COMP3411 Artificial Intelligence	Term 1	Artificial Intelligence Elective			
	MATH1081 Discrete Mathematics		Computing Elective		Free Elective		Advanced Computing Elective			
	MATH1241 (Higher) Mathematics 1B	Term 2	General Education Course		COMP3900 Computer Science Project		COMP4962 Computer Science Thesis B			
Term 2	COMP1521 Computer Systems Fundamentals		Computing Elective	Term 2	Free Elective	Term 2	Artificial Intelligence Elective			
	COMP1531 Software Engineering Fundamentals		Free Elective		Free Elective		Advanced Computing Elective			
	COMP2511 Object-Oriented Design & Programming	Term 3	General Education Course		<b>COMP4920</b> Professional Issues and Ethics in Information Technology	Term 3	COMP4963 Computer Science Thesis C			
Term 3	Computing Elective		Free Elective	Term 3	Free Elective		Artificial Intelligence Elective			
	This is intended as a guide only.	Courses do no	ot need to be studied in the exact struct	ure that they a	ppear here.					
S		All Level 1 and Level 2 courses are full, students may take free electives first and take core								
NOTES	COMP1511 is expected to be comp	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.

Information is correct as of October 2024 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G

## Engineering 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		Free Elective	Term 2	COMP4961 Computer Science Thesis A	
	Computing Elective		Free Elective	Term 2	Free Elective		Artificial Intelligence Elective	
			Free Elective		General Education Course		Advanced Computing Elective	
Term 3	<b>MATH1141</b> (Higher) Mathematics 1A	Term 3	General Education Course		COMP3821 Extended Algorithm Design and Analysis	Term 3	COMP4962 Computer Science Thesis B	
	COMP1531 Software Engineering Fundamentals		Computing Elective	Term 3	Free Elective		Artificial Intelligence Elective	
	COMP2521 Data Structures and Algorithms		Computing Elective				Advanced Computing Elective	
	COMP1521 Computer Systems Fundamentals	Term 1	Computing Elective		<b>COMP4920</b> Professional Issues and Ethics in Information Technology	Term 1	COMP4963 Computer Science Thesis C	
Term 1	MATH1081 Discrete Mathematics		Free Elective	Term 1	COMP3411 Artificial Intelligence		Artificial Intelligence Elective	
	MATH1241 (Higher) Mathematics 1B				COMP3900 Computer Science Project			

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.

NOTES

Information is correct as of October 2024 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G

## Engineering Advanced Computer Science (Honours) (3779) Artificial Intelligence (COMPIH) T3 Entry 2025 Sample Plan



					0000			
	COMP1511 Programming Fundamentals		COMP2511 Object-Oriented Design & Programming		COMP4920 Professional Issues and Ethics in Information Technology	Term 3	COMP4961 Computer Science Thesis A	
Term 3	MATH1141 (Higher) Mathematics 1A	Term 3	Free Elective	Term 3	Free Elective		Artificial Intelligence Elective	
	MATH1081 Discrete Mathematics		General Education Course		Free Elective		Advanced Computing Elective	
	<b>MATH1241</b> (Higher) Mathematics 1B		Computing Elective		COMP3821 Extended Algorithm Design and Analysis		COMP4962 Computer Science Thesis B	
Term 1	COMP1531 Software Engineering Fundamentals	Term 1	Computing Elective	Term 1	COMP3411 Artificial Intelligence	Term 1	Artificial Intelligence Elective	
	COMP2521 Data Structures and Algorithms		Free Elective		General Education Course		Advanced Computing Elective	
	COMP1521 Computer Systems Fundamentals		Computing Elective		COMP3900 Computer Science Project	Term 2	COMP4963 Computer Science Thesis C	
Term 2	Computing Elective	Term 2	Free Elective	Term 2	Free Elective		Artificial Intelligence Elective	
						II		
	This is intended as a guide only.	Courses do no	t need to be studied in the exact structur	re that they a	opear here.			
NOTES	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.							

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.