

# Advanced Computer Science (Honours) (3779)

## Computer Science (COMPCH)

### T3C Entry 2024 Sample Plan

Year 1		Year 2		Year 3		Year 4	
T3C	<b>INFS2604</b> Artificial Intelligence Fluency	Summer	<b>General Education Course</b>	Summer		Summer	
Term 1	<b>COMP1511</b> Programming Fundamentals	Term 1	<b>COMP2511</b> Object-Oriented Design & Programming	Term 1	<b>COMP3821</b> Extended Algorithm Design and Analysis	Term 1	<b>COMP4962</b> Computer Science Thesis B
	<b>MATH1141</b> (Higher) Mathematics 1A		<b>Free Elective</b>		<b>Free Elective</b>		<b>Advanced Computing Elective</b>
	<b>Free Elective</b>		<b>Computing Elective</b>		<b>Free Elective</b>		<b>Advanced Computing Elective</b>
Term 2	<b>MATH1241</b> (Higher) Mathematics 1B	Term 2	<b>General Education Course</b>	Term 2	<b>Advanced Computing Elective</b>	Term 2	<b>COMP4963</b> Computer Science Thesis C
	<b>COMP1521</b> Computer Systems Fundamentals		<b>Computing Elective</b>		<b>Computing Elective</b>		<b>Advanced Computing Elective</b>
	<b>COMP1531</b> Software Engineering Fundamentals						<b>Advanced Computing Elective</b>
Term 3	<b>COMP2521</b> Data Structures and Algorithms	Term 3	<b>Computing Elective</b>	Term 3	<b>COMP4961</b> Computer Science Thesis A	<p><b>Students commencing in T3C will need to take courses during the Summer term and/or additional courses during the year to ensure completion of the program within the standard duration.</b></p>	
	<b>MATH1081</b> Discrete Mathematics		<b>Computing Elective</b>		<b>COMP3900</b> Computer Science Project		
			<b>Free Elective</b>		<b>COMP4920</b> Professional Issues and Ethics in Information Technology		

#### NOTES

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here. You can find your program requirements in the [UNSW Handbook](#), or alternatively your [Progression Checksheet](#) will give you an overview of your program. The courses offered in T3C will count towards the Free Elective requirement in this program. This has been factored in to the above plan.

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.