Engineering Advanced Computer Science (Honours) (3779) Computer Science (COMPCH) T1 Entry 2025 Sample Plan



Year 1		Year 2			Year 3		Year 4		
COMP1511 Programming Fundamentals			COMP2511 Object-Oriented Design & Programming		COMP3821 Extended Algorithm Design and Analysis			COMP4961 Computer Science Thesis A	
MATH1141 (Higher) Mathematics 1A		Term 1	Free Elective	Term 1	Free Elective	Т	⁻ erm 1	Advanced Computing Elective	
Free Elective			Computing Elective		Free Elective			Advanced Computing Elective	
MATH1241 (Higher) Mathematics 1B			General Education Course		Free Elective			COMP4962 Computer Science Thesis B	
COMP1521 Computer Systems Fundamentals		Term 2	Computing Elective	Term 2	General Education Course	Т	erm 2	Advanced Computing Elective	
COMP1531 Software Engineering Fundamentals								Advanced Computing Elective	
COMP2521 Data Structures and Algorithms		Term 3	Computing Elective		COMP3900 Computer Science Project			COMP4963 Computer Science Thesis C	
MATH1081 Discrete Mathematics			Computing Elective	Term 3	COMP4920 Professional Issues and Ethics in Information Technology	Т	erm 3	Advanced Computing Elective	
			Free Elective		Computing Elective				
All Level 1 and Level 2 courses are courses in later terms.	offered	d in each	standard term and free electives can be tal	ken in any terr	n. If Level 1 or Level 2 core courses are full,		ts may t	take free electives first and take core	
All col CO	Level 1 and Level 2 courses are irses in later terms. MP1511 is expected to be comp	Level 1 and Level 2 courses are offere irses in later terms. MP1511 is expected to be completed b	Level 1 and Level 2 courses are offered in each irses in later terms. MP1511 is expected to be completed by the en	Level 1 and Level 2 courses are offered in each standard term and free electives can be tal irses in later terms. MP1511 is expected to be completed by the end of Term 2 Year 1. Students don't need to	Level 1 and Level 2 courses are offered in each standard term and free electives can be taken in any terr irses in later terms. MP1511 is expected to be completed by the end of Term 2 Year 1. Students don't need to take COMP15	irses in later terms.	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, studen irses in later terms. MP1511 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.	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 furses in later terms. IMP1511 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) Computer Science (COMPCH) T2 Entry 2025 Sample Plan



Year 1			Year 2		Year 3		Year 4	
Term 2	COMP1511 Programming Fundamentals		COMP2511 Object-Oriented Design & Programming		Free Elective		COMP4961 Computer Science Thesis A	
	Free Elective	Term 2	Free Elective	Term 2	Free Elective	Term 2	Advanced Computing Elective	
			Computing Elective		General Education Course		Advanced Computing Elective	
Term 3	MATH1141 (Higher) Mathematics 1A		General Education Course		COMP4920 Professional Issues and Ethics in Information Technology		COMP4962 Computer Science Thesis B	
	COMP1521 Computer Systems Fundamentals	Term 3	Computing Elective	Term 3	Computing Elective	Term 3	Advanced Computing Elective	
	COMP1531 Software Engineering Fundamentals				Free Elective		Advanced Computing Elective	
Term 1	COMP2521 Data Structures and Algorithms		Computing Elective		COMP3900 Computer Science Project		COMP4963 Computer Science Thesis C	
	MATH1081 Discrete Mathematics	Term 1	Computing Elective	Term 1	COMP3821 Extended Algorithm Design and Analysis	Term 1	Advanced Computing Elective	
	MATH1241 (Higher) Mathematics 1B		Free Elective					

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) Computer Science (COMPCH) T3 Entry 2025 Sample Plan



Year 1			Year 2		Year 3		Year 4	
	COMP1511 Programming Fundamentals		COMP2511 Object-Oriented Design & Programming		COMP4920 Professional Issues and Ethics in Information Technology		COMP4961 Computer Science Thesis A	
Term 3	MATH1141 (Higher) Mathematics 1A	Term 3	Free Elective	Term 3	Free Elective	Term 3	Advanced Computing Elective	
	MATH1081 Discrete Mathematics		General Education Course		Computing Elective		Advanced Computing Elective	
Term 1 Corr	MATH1241 (Higher) Mathematics 1B		Computing Elective		COMP3821 Extended Algorithm Design and Analysis		COMP4962 Computer Science Thesis B	
	COMP1521 Computer Systems Fundamentals	Term 1	Computing Elective	Term 1	Computing Elective	Term 1	Advanced Computing Elective	
	COMP1531 Software Engineering Fundamentals		Free Elective		General Education Course		Advanced Computing Elective	
Term 2	COMP2521 Data Structures and Algorithms		Computing Elective		COMP3900 Computer Science Project		COMP4963 Computer Science Thesis C	
	Free Elective	Term 2	Free Elective	Term 2	Free Elective	Term 2	Advanced Computing Elective	
NOTES	All Level 1 and Level 2 courses are courses in later terms.	offered in each		ken in any terr	opear here. n. If Level 1 or Level 2 core courses are full, s 21, COMP1531 and COMP2521 in sequence		ake free electives first and take core	

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