

Bachelor of Science - Computer Science (3778)

[Programming Languages \(COMPJ1\)](#)

T1 Entry 2024 Sample Plan



Year 1		Year 2		Year 3	
Term 1	COMP1511 Programming Fundamentals	Term 1	COMP2521 Object-Oriented Design & Programming	Term 1	COMP3121 Algorithm Design and Analysis
	MATH1131 Mathematics 1A <u>OR</u> MATH1141		Discipline Elective		Free Elective
		Term 2	Discipline Elective	Term 2	Free Elective
			General Education Course		COMP3900 Computer Science Project
			Discipline Elective		Free Elective
		Term 3	Free Elective	Term 3	Free Elective
			General Education Course		COMP4920 Professional Issues and Ethics in Information Technology
	Computing Elective		Free Elective		COMP3161 Concepts of Programming Languages

NOTES	This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.
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[Programming Languages \(COMPJ1\)](#)

T2 Entry 2024 Sample Plan

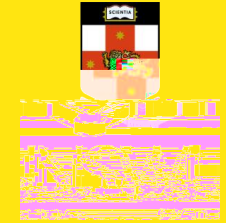


Year 1		Year 2		Year 3	
Term 2	COMP1511 Programming Fundamentals	Term 2	COMP2511 Object-Oriented Design & Programming	Term 2	General Education Course
	Computing Elective		Free Elective		Free Elective
Term 3	MATH1131 Mathematics 1A OR MATH1141 (Higher) Mathematics 1A	Term 3	General Education Course	Term 3	COMP3121 Algorithm Design and Analysis
	COMP1531 Software Engineering Fundamentals		Discipline Elective		Free Elective
	COMP2521 Data Structures and Algorithms				COMP3161 Concepts of Programming Languages
Term 1	COMP1521 Computer Systems Fundamentals	Term 1	Discipline Elective	Term 1	COMP3900 Computer Science Project
	MATH1081 Discrete Mathematics		Discipline Elective		COMP4920 Professional Issues and Ethics in Information Technology
	MATH1231 Mathematics 1B OR MATH1241 (Higher) Mathematics 1B		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. If COMP1511 is full in your first term of study, students may take COMP1010 as a free elective. COMP1010 cannot be taken together with4 T-3(1511)-4θ)-3(s)-3()7is88 73.1511 is s88 73.1511 ispeci

Programming Languages (COMPJ1)

T3 Entry 2024 Sample Plan



Year 1	
Term 3	COMP1511 Programming Fundamentals
	MATH1131 Mathematics 1A OR MATH1141 (Higher) Mathematics 1A
	MATH1081 Discrete Mathematics
Term 1	MATH1231 Mathematics 1B OR MATH1241 (Higher) Mathematics 1B
	COMP1531 Software Engineering Fundamentals
	COMP2521

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

Year 3	
Term 3	COMP4920 Professional Issues and Ethics in Information Technology
	COMP3161 Concepts of Programming Languages
	Free Elective
Term 1	COMP3121 Algorithm Design and Analysis
	Free Elective
	General Education Course
Term 2	COMP3900 Computer Science Project
	Free Elective



PROGRAM STRUCTURE (Single Degree Mode)			
An approved Major	96 UOC	96 UOC	144 UOC
Free Electives	36 UOC	48 UOC	
General Education	12 UOC		

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. 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