Bachelor of Science - Computer Science (3778)

Programming Languages (COMPJ1)

T1 Entry 2024 Sample Plan

Year 1	
Term 1	**COMP1511** Programming Fundamentals
	MATH1131 Mathematics 1A **OR** **MATH1141**
	Computing Elective

Year 2	
Term 1	**COMP2521** Object-Oriented Design & Programming
	Discipline Elective
	Discipline Elective
Term 2	**General Education Course**
	Discipline Elective
	Free Elective
Term 3	**General Education Course**
	Free Elective

Year 3	
Term 1	**COMP3121** Algorithm Design and Analysis
	Free Elective
	Free Elective
Term 2	**COMP3900** Computer Science Project
	Free Elective
	Free Elective
Term 3	**COMP4920** Professional Issues and Ethics in Information Technology
	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	**COMP2511** Object-Oriented Design & Programming	**General Education Course**
	Computing Elective	**Free Elective**	**Free Elective**
		Free Elective	**Free Elective**
Term 3	**MATH1131** Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**General Education Course**	**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	**Discipline Elective**	**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)-46)-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