Bachelor of Science - Computer Science (3778)

Computer Networks (COMPN1)

T1 Entry 2025 Sample Plan

Year 1	
Term 1	**COMP1511** Programming Fundamentals
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A
	MATH1081 Discrete Mathematics
Term 2	**MATH1231** Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B
	COMP1521 Computer Systems Fundamentals
	COMP1531 Software Engineering Fundamentals
Term 3	**COMP2521** Data Structures and Algorithms
	Computing Elective

Year 2	
Term 1	**COMP2511** 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 OR **COMP3821** Extended 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
	COMP3331 Computer Networks and Applications

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. er with of after COMP1511 is completed. 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.

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T2 Entry 2025 Sample Plan

UNSW SYDNEY

Year 1	
Term 2	**COMP1511** Programming Fundamentals
	Computing Elective
Term 3	**MATH1131** Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A
	COMP1531 Software Engineering Fundamentals
	COMP2521 Data Structures and Algorithms
Term 1	**COMP1521** Computer Systems Fundamentals
	MATH1081 Discrete Mathematics
	MATH1231 Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B

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

Year 3	
Term 2	**Free Elective**
	Free Elective
	General Education Course
Term 3	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
	COMP3331 Computer Networks and Applications
	Free Elective
Term 1	**COMP3900** Computer Science Project
	COMP4920 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.

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. er with of after COMP1511 is completed. 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.

Bachelor of Science - Computer Science (3778)

Computer Networks (COMPN1)

T3 Entry 2025 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 Data Structures and Algorithms
Term 2	**COMP1521** Computer Systems Fundamentals
	Computing Elective

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
	COMP3331 Computer Networks and Applications
	Free Elective
Term 1	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
	Free Elective
	General Education Course
Term 2	**COMP3900** Computer Science Project
	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. er with of after COMP1511 is completed. 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.

Bachelor of Science - Computer Science (3778)

2025 Commencing Students
Program Structure

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

PROGRAM STRUCTURE (Dual Degree Mode)		
An approved Major	**96 UOC**	**192 UOC (ADA / BUS / SCI)**
Other Degree Courses	**96 UOC (ADA or BUS or SCI)** **144 UOC (LAW or ENG or SCI)**	**240 UOC (LAW / ENG / SCI)**

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