Bachelor of Science - Computer Science (3778)
Database Science (COMPD1)
T1 Entry 2024 Sample Plan

UNSW SYDNEY

	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	**COMP2511** Object-Oriented Design & Programming
	Computing Elective

	Year 2
Term 1	**COMP2521** Data Structures and Algorithms
	Prescribed Elective
	Prescribed Elective
Term 2	**General Education Course**
	Prescribed 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
	COMP3311 Database Systems
	Free Elective
Term 2	**COMP3900** Computer Science Project
	Free Elective
	Free Elective
Term 3	**COMP4920** Professional Issues and Ethics in Information Technology
	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 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)
Database Science (COMPD1)
T2 Entry 2024 Sample Plan

UNSW SYDNEY

Year 1		
Term 2	**COMP1511** Programming Fundamentals	
	Computing Elective	
Term 3	**MATH1131** Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	
	COMP2521 Data Structures and Algorithms	
	COMP1531 Software Engineering Fundamentals	
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**	
	Prescribed Elective	
	Prescribed Elective	
Term 1	**Prescribed Elective**	
	Free Elective	

Year 3		
Term 2	**COMP3311** Database Systems	
	Free Elective	
	General Education Course	
Term 3	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis	
	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. If COMP1511 is full in your first term of study, students may take COMP1010 as a free elective. COMP1010 cannot be taken together 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)
Database Science (COMPD1)
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 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	**Prescribed Elective**
	Prescribed Elective
	Free Elective
Term 2	**Prescribed Elective**
	Free Elective

	Year 3
Term 3	**COMP4920** Professional Issues and Ethics in Information Technology
	Free Elective
	Free Elective
Term 1	**COMP3121** Algorithm Design and Analysis **OR** **COMP3821** Extended Algorithm Design and Analysis
	COMP3311 Database Systems
	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. If COMP1511 is full in your first term of study, students may take COMP1010 as a free elective. COMP1010 cannot be taken together 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.

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

Bachelor of Science - Computer Science (3778)

2024 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