Bachelor of Science / Computer Science (3789)

Computer Science (COMPA1) / Neuroscience (NEURS1)

T1 Entry 2025 Sample Plan

UNSW SYDNEY

Year 1	
Term 1	**COMP1511** Programming Fundamentals
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A
	MATH1081 Discrete Mathematics
	SCIF0000 (0 UoC) Introduction to University
Term 2	**MATH1231** Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B
	COMP1521 Computer Systems Fundamentals
	COMP1531 Software Engineering Fundamentals
Term 3	**CHEM1011** Chemistry 1A: Atoms, Molecules and Energy
	BABS1201 Molecules, Cells and Genes

Year 2	
Term 1	**COMP2521** Data Structures and Algorithms
	PSYC1001 Psychology 1A
	MATH1041 Statistics for Life and Social Sciences
Term 2	**COMP2511** Object-Oriented Design & Programming
	PSYC1011 Psychology 1B
	NEUR2201 Neuroscience Fundamentals
Term 3	**SCIF1000** Skills in Science
	Computing Elective

Year 3	
Term 1	**PHSL2101** Physiology 1A
	Computing Elective
	Prescribed Elective
Term 2	**Computing Elective**
	Prescribed Elective
	Employability Experience Course
Term 3	**Computing Elective**
	Prescribed Elective

Year 4	
Term 1	**COMP4920** Professional Issues and Ethics in Information Technology
	Computing Elective
	Prescribed Elective
Term 2	**Prescribed Elective**
	Prescribed Elective
	Employability Experience Course
Term 3	**COMP3900** Computer Science Project
	COMP3121 Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
	SCIF3010 (0 UoC) Graduation Portfolio

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 electives can be taken in any term. If Level 1 or Level 2 core courses are full, students may take 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.

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T2 Entry 2025 Sample Plan

UNSW SYDNEY

	Year 1	Year 2	Year 3	Year 4
Term 2	**COMP1511** Programming Fundamentals	**COMP2521** Data Structures and Algorithms	**NEUR2201** Neuroscience Fundamentals	**Prescribed Elective**
	CHEM1011 Chemistry 1A: Atoms, Molecules and Energy	**MATH1041** Statistics for Life and Social Sciences	**Prescribed Elective**	**Computing Elective**
	SCIF0000 (0 UoC) Introduction to University	**PSYC1001** Psychology 1A	**Employability Experience Course**	**Employability Experience Course**
Term 3	**MATH1131** Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**COMP2511** Object-Oriented Design & Programming	**Prescribed Elective**	**COMP4920** Professional Issues and Ethics in Information Technology
	COMP1531 Software Engineering Fundamentals	**PSYC1011** Psychology 1B	**Computing Elective**	**Computing Elective**
	BABS1201 Molecules, Cells and Genes	**SCIF1000** Skills in Science	**Computing Elective**	**Prescribed Elective**
Term 1	**COMP1521** Computer Systems Fundamentals	**PHSL2101** Physiology 1A	**Prescribed Elective**	**COMP3900** Computer Science Project
	MATH1081 Discrete Mathematics	**Prescribed Elective**	**Computing Elective**	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
	MATH1231 Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B			**SCIF3010** (0 UoC) Graduation Portfolio

NOTES

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Bachelor of Science / Computer Science (3789)

Computer Science (COMPA1) / Neuroscience (NEURS1)

T3 Entry 2025 Sample Plan

UNSW SYDNEY

	Year 1	Year 2	Year 3	Year 4
Term 3	**COMP1511** Programming Fundamentals	**COMP2521** Data Structures and Algorithms	**Prescribed Elective**	**Prescribed Elective**
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**MATH1041** Statistics for Life and Social Sciences	**Computing Elective**	**Computing Elective**
	MATH1081 Discrete Mathematics	**SCIF1000** Skills in Science	**Computing Elective**	**Computing Elective**
Term 1	**MATH1231** Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B	**COMP2511** Object-Oriented Design & Programming	**PHSL2101** Physiology 1A	**COMP4920** Professional Issues and Ethics in Information Technology
	BABS1201 Molecules, Cells and Genes	**PSYC1001** Psychology 1A	**Prescribed Elective**	**Computing Elective**
	CHEM1011 Chemistry 1A: Atoms, Molecules and Energy OR **CHEM1031** Higher Chemistry 1A: Atoms, Molecules and Energy	**Prescribed Elective**	**Employability Experience Course**	**Prescribed Elective**
Term 2	**COMP1521** Computer Systems Fundamentals	**PSYC1011** Psychology 1B	**NEUR2201** Neuroscience Fundamentals	**COMP3900** Computer Science Project
	COMP1531 Software Engineering Fundamentals	**Employability Experience Course**	**Prescribed Elective**	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
				SCIF3010 (0 UoC) Graduation Portfolio

NOTES

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