

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**



# Bachelor of Science / Computer Science (3789)

## Computer Science (COMPA1) / Neuroscience (NEURS1)

### T2 Entry 2025 Sample Plan



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

Year 2	
Term 3	<b>COMP2521</b> Data Structures and Algorithms
	<b>MATH1041</b> Statistics for Life and Social Sciences
	<b>SCIF1000</b>