Bachelor of Science / Computer Science (3789)

Computer Science (COMPA1) / Statistics (MATHT1)

T1 Entry 2025 Sample Plan

UNSW SYDNEY

	Year 1	Year 2	Year 3	Year 4
Term 1	**COMP1511** Programming Fundamentals	**COMP2511** Object-Oriented Design & Programming	**MATH3801** Probability & Stochastic Processes OR **MATH3901** Higher Probability & Stochastic Processes	**MATH3811** Statistical Inference OR **MATH3911** Higher Statistical Inference
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**MATH2011** Several Variable Calculus OR **MATH2111** Higher Several Variable Calculus	**Science Elective**	**COMP4920** Professional Issues and Ethics in Information Technology
	MATH1081 Discrete Mathematics	**Science Elective**	**Computing Elective**	**Computing Elective**
	SCIF0000 (0 UoC) Introduction to University			
Term 2	**MATH1231** Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B	**MATH2501** Linear Algebra OR **MATH2601** Higher Linear Algebra	**MATH3821** Stat Modelling & Computing	***MATH3831** Stats in Social & Market Resch OR **MATH3841** Stats of Dependent Data
	COMP1521 Computer Systems Fundamentals	**MATH2801** Theory of Statistics OR **MATH2901** Higher Theory of Statistics	**Employability Experience Course**	**Employability Experience Course**
	COMP1531 Software Engineering Fundamentals	**Science Elective**	**Computing Elective**	**Computing Elective**
Term 3	**COMP2521** Data Structures and Algorithms	**MATH2831** Linear Models OR **MATH2931** Higher Linear Models	**Computing Elective**	**COMP3900** Computer Science Project
	Science Elective	**SCIF1000** Skills in Science	**Science Elective**	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
				SCIF3010 (0 UoC) Graduation Portfolio

NOTES

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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	**COMP2511** Object-Oriented Design & Programming	**MATH2501** Linear Algebra OR **MATH2601** Higher Linear Algebra	**MATH3821** Stat Modelling & Computing
	Computing Elective	**Science Elective**	**MATH2801** Theory of Statistics OR **MATH2901** Higher Theory of Statistics	***MATH3831** Stats in Social & Market Resch OR **MATH3841** Stats of Dependent Data
	SCIF0000 (0 UoC) Introduction to University		**Employability Experience Course**	**Employability Experience Course**
Term 3	**MATH1131** Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**Science Elective**	**MATH2831** Linear Models OR **MATH2931** Higher Linear Models	**COMP4920** Professional Issues and Ethics in Information Technology
	COMP2521 Data Structures and Algorithms	**Computing Elective**	**Science Elective**	**Computing Elective**
	COMP1531 Software Engineering Fundamentals	**SCIF1000** Skills in Science	**Computing Elective**	**Science Elective**
Term 1	**COMP1521** Computer Systems Fundamentals	**MATH2011** Several Variable Calculus OR **MATH2111** Higher Several Variable Calculus	**MATH3801** Probability & Stochastic Processes OR **MATH3901** Higher Probability & Stochastic Processes	**COMP3900** Computer Science Project
	MATH1081 Discrete Mathematics	**Science Elective**	**MATH3811** Statistical Inference OR **MATH3911** Higher Statistical Inference	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
	MATH1231 Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B	**Computing Elective**		**SCIF3010** (0 UoC) Graduation Portfolio

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Bachelor of Science / Computer Science (3789)

Computer Science (COMPA1) / Statistics (MATHT1)

T3 Entry 2025 Sample Plan

UNSW SYDNEY

	Year 1	Year 2	Year 3	Year 4
Term 3	**COMP1511** Programming Fundamentals	**COMP2511** Object-Oriented Design & Programming	**MATH2831** Linear Models OR **MATH2931** Higher Linear Models	**Science Elective**
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**SCIF1000** Skills in Science	**Science Elective**	**Science Elective**
	MATH1081 Discrete Mathematics	**Science Elective**	**Employability Experience Course**	**Employability Experience Course**
	SCIF0000 (0 UoC) Introduction to University			
Term 1	**MATH1231** Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B	**MATH2011** Several Variable Calculus OR **MATH2111** Higher Several Variable Calculus	**MATH3801** Probability & Stochastic Processes OR **MATH3901** Higher Probability & Stochastic Processes	**COMP4920** Professional Issues and Ethics in Information Technology
	COMP1531 Software Engineering Fundamentals	**Computing Elective**	**Computing Elective**	**MATH3811** Statistical Inference OR **MATH3911** Higher Statistical Inference
	COMP2521 Data Structures and Algorithms	**Science Elective**	**Computing Elective**	**Computing Elective**
Term 2	**COMP1521** Computer Systems Fundamentals	**MATH2501** Linear Algebra OR **MATH2601** Higher Linear Algebra	**MATH3821** Stat Modelling & Computing	**COMP3900** Computer Science Project
	Computing Elective	**MATH2801** Theory of Statistics OR **MATH2901** Higher Theory of Statistics	***MATH3831** Stats in Social & Market Resch OR **MATH3841** Stats of Dependent Data	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
				SCIF3010 (0 UoC) Graduation Portfolio

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