Bachelor of Computer Science / Arts (3783)

Computer Science (COMPA1)

T1 Entry 2025 Sample Plan

	Year 1	Year 2	Year 3	Year 4
Term 1	**COMP1511** Programming Fundamentals	**COMP2511** Object-Oriented Design & Programming	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis	**Arts Course**
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**Arts Course**	**Computing Elective**	**Arts Course**
	Arts Course	**Arts Course**	**Computing Elective**	**Computing Elective**
Term 2	**MATH1231** Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B	**Arts Course**	**Arts Course**	**Arts Course**
	COMP1521 Computer Systems Fundamentals	**Arts Course**	**Arts Course**	**Arts Course**
	COMP1531 Software Engineering Fundamentals	**Computing Elective**		**Computing Elective**
Term 3	**COMP2521** Data Structures and Algorithms	**Arts Course**	**COMP3900** Computer Science Project	**Arts Course**
	MATH1081 Discrete Mathematics	**Arts Course**	**COMP4920** Professional Issues and Ethics in Information Technology	**Arts Course**
			Arts Course	

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. 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. Students who completed COMP1531 and COMP2521 can take COMP2511 in Term 1 Year 2.

Please visit the ADA Sample programs website for specific advice regarding your chosen arts specialisation.

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T2 Entry 2025 Sample Plan

	Year 1	Year 2	Year 3	Year 4
Term 2	**COMP1511** Programming Fundamentals	**COMP2511** Object-Oriented Design & Programming	**Arts Course**	**Arts Course**
	Arts Course	**Arts Course**	**Arts Course**	**Arts Course**
		Computing Elective	**Computing Elective**	**Computing Elective**
Term 3	**MATH1131** Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**Arts Course**	**COMP4920** Professional Issues and Ethics in Information Technology	**Arts Course**
	COMP1521 Computer Systems Fundamentals	**Arts Course**	**Arts Course**	**Arts Course**
	COMP1531 Software Engineering Fundamentals	**Computing Elective**	**Computing Elective**	
Term 1	**COMP2521** Data Structures and Algorithms	**COMP3900** Computer Science Project	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis	**Arts Course**
	MATH1081 Discrete Mathematics	**Arts Course**	**Arts Course**	**Arts Course**
	MATH1231 Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B			**Arts Course**

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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. 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. Students who completed COMP1531 and COMP2521 can take COMP2511 in Term 1 Year 2.

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T3 Entry 2025 Sample Plan

	Year 1	Year 2	Year 3	Year 4
Term 3	**COMP1511** Programming Fundamentals	**COMP2511** Object-Oriented Design & Programming	**COMP4920** Professional Issues and Ethics in Information Technology	**Arts Course**
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A	**Arts Course**	**Arts Course**	**Arts Course**
	MATH1081 Discrete Mathematics	**Arts Course**	**Computing Elective**	**Computing Elective**
Term 1	**MATH1231** Mathematics 1B OR **MATH1241** (Higher) Mathematics 1B	**Arts Course**	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis	**Arts Course**
	COMP1521 Computer Systems Fundamentals	**Arts Course**	**Arts Course**	**Arts Course**
	COMP1531 Software Engineering Fundamentals	**Computing Elective**		**Computing Elective**
Term 2	**COMP2521** Data Structures and Algorithms	**Arts Course**	**COMP3900** Computer Science Project	**Arts Course**
	Arts Course	**Computing Elective**	**Arts Course**	**Arts Course**
			Arts Course	

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. 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. Students who completed COMP1531 and COMP2521 can take COMP2511 in Term 1 Year 2.

Please visit the ADA Sample programs website for specific advice regarding your chosen arts specialisation.