

# Bachelor of Computer Science / Arts (3783)

## Database Systems (COMP311)

### T1 Entry 2025 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 1	<b>COMP1511</b> Programming Fundamentals	Term 1	<b>COMP2521</b> Data Structures and Algorithms	Term 1	<b>COMP3121</b> Algorithm Design and Analysis <b>OR</b> <b>COMP3821</b> Extended Algorithm Design and Analysis	Term 1	Arts Course
	<b>MATH1131</b> Mathematics 1A <b>OR</b> <b>MATH1141</b> (Higher) Mathematics 1A		Arts Course		<b>COMP3311</b> Database Systems		Arts Course
	<b>MATH1081</b> Discrete Mathematics		Arts Course		<b>Database Systems Prescribed Elective</b>		<b>Database Systems Prescribed Elective</b>
Term 2	<b>MATH1231</b> Mathematics 1B <b>OR</b> <b>MATH1241</b> (Higher) Mathematics 1B	Term 2	Arts Course	Term 2	<b>COMP3900</b> Computer Science Project	Term 2	Arts Course
	<b>COMP1521</b> Computer Systems Fundamentals		Arts Course		Arts Course		Arts Course
Term 3	<b>COMP1531</b> Software Engineering Fundamentals	Term 3	Computing Elective	Term 3	<b>COMP4920</b> Professional Issues and Ethics in Information Technology	Term 3	<b>Database Systems Prescribed Elective</b>
	<b>COMP2511</b> Object-Oriented Design & Programming		Arts Course		Arts Course		Arts Course
	Arts Course		Arts Course		Arts Course		Arts Course

<b>NOTES</b>	<b>This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.</b>
	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 <a href="#">ADA Sample programs website</a> for specific advice regarding your chosen arts specialisation.

# Bachelor of Computer Science / Arts (3783)

## Database Systems (COMP151)

### T2 Entry 2025 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 2	COMP1511 Programming Fundamentals	Term 2	COMP2511 Object-Oriented Design & Programming	Term 2	COMP3311 Database Systems	Term 2	Arts Course
	Arts Course		Arts Course		Arts Course		Arts Course
Term 3	MATH1131 Mathematics 1A <b>OR</b> MATH1141 (Higher) Mathematics 1A	Term 3	Arts Course	Term 3	Arts Course	Term 3	Arts Course
	COMP2521 Data Structures and Algorithms		Arts Course		Database Systems Prescribed Elective		Arts Course
	COMP1531 Software Engineering Fundamentals						Database Systems Prescribed Elective
Term 1	COMP1521 Computer Systems Fundamentals	Term 1	COMP3121 Algorithm Design and Analysis <b>OR</b> COMP3821 Extended Algorithm Design and Analysis	Term 1	COMP3900 Computer Science Project	Term 1	COMP4920 Professional Issues and Ethics in Information Technology
	MATH1081 Discrete Mathematics		Arts Course		Arts Course		Arts Course
	MATH1231 Mathematics 1B <b>OR</b> MATH1241 (Higher) Mathematics 1B		Database Systems Prescribed Elective		Arts Course		

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	<p>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.</p>
	<p>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.</p> <p>Please visit the <a href="#">ADA Sample programs website</a> for specific advice regarding your chosen arts specialisation.</p>

# Bachelor of Computer Science / Arts (3783)

## Database Systems (COMP151)

### T3 Entry 2025 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 3	<b>COMP1511</b> Programming Fundamentals	Term 3	<b>COMP2511</b> Object-Oriented Design & Programming	Term 3	<b>Arts Course</b>	Term 3	<b>COMP4920</b> Professional Issues and Ethics in Information Technology
	<b>MATH1131</b> Mathematics 1A <b>OR</b> <b>MATH1141</b> (Higher) Mathematics 1A		<b>Arts Course</b>		<b>Arts Course</b>		<b>Arts Course</b>
	<b>MATH1081</b> Discrete Mathematics		<b>Arts Course</b>		<b>Computing Elective</b>		<b>Arts Course</b>
Term 1	<b>MATH1231</b> Mathematics 1B <b>OR</b> <b>MATH1241</b> (Higher) Mathematics 1B	Term 1	<b>COMP3311</b> Database Systems	Term 1	<b>COMP3121</b> Algorithm Design and Analysis <b>OR</b> <b>COMP3821</b> Extended Algorithm Design and Analysis	Term 1	<b>Arts Course</b>
	<b>COMP1531</b> Software Engineering Fundamentals		<b>Arts Course</b>		<b>Arts Course</b>		<b>Database Systems Prescribed Elective</b>
	<b>COMP1521</b> Computer Systems Fundamentals		<b>Arts Course</b>		<b>Arts Course</b>		<b>Database Systems Prescribed Elective</b>
Term 2	<b>COMP2521</b> Data Structures and Algorithms	Term 2	<b>Arts Course</b>	Term 2	<b>COMP3900</b> Computer Science Project	Term 2	<b>Arts Course</b>
	<b>Arts Course</b>		<b>Arts Course</b>		<b>Arts Course</b>		<b>Database Systems Prescribed Elective</b>

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	Please visit the <a href="#">ADA Sample programs website</a> for specific advice regarding your chosen arts specialisation.