

Bachelor of Computer Science / Fine Arts (3792)

Security Engineering (COMPY1)

T1 Entry 2025 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 1	COMP1511 Programming Fundamentals	Term 1	COMP2511 Object-Oriented Design & Programming	Term 1	COMP3121 Algorithm Design and Analysis	Term 1	Fine Arts Course
	MATH1131 Mathematics 1A OR MATH1141 (Higher) Mathematics 1A		Fine Arts Course		Fine Arts Course		Fine Arts Course
	MATH1081 Discrete Mathematics		Fine Arts Course		Security Engineering Prescribed Elective		Security Engineering Prescribed Elective
Term 2	MATH1231 Mathematics 1B OR MATH1241 (Higher) Mathematics 1B	Term 2	Fine Arts Course	Term 2	COMP3900 Computer Science Project	Term 2	Fine Arts Course
	COMP1521 Computer Systems Fundamentals		Fine Arts Course		Fine Arts Course		Fine Arts Course
	COMP1531 Software Engineering Fundamentals		Computing Elective		Security Engineering Prescribed Elective		Security Engineering Prescribed Elective
Term 3	COMP2521 Data Structures and Algorithms	Term 3	Fine Arts Course	Term 3	COMP4920 Professional Issues and Ethics in Information Technology	Term 3	Fine Arts Course
	Fine Arts Course		Fine Arts Course		COMP6441 Security Engineering and Cyber Security OR COMP6841 Extended Security Engineering and Cyber Security		Fine Arts Course
					Fine 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.
	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	Term 2	COMP2511 Object-Oriented Design & Programming	Term 2	Fine Arts Course	Term 2	COMP3900 Computer Science Project
	MATH1081 Discrete Mathematics		Fine Arts Course		Fine Arts Course		Fine Arts Course
			Fine Arts Course		Computing Elective		Security Engineering Prescribed Elective
Term 3	MATH1131 Mathematics 1A OR MATH1141 (Higher) Mathematics 1A	Term 3	Fine Arts Course	Term 3	COMP3121 Algorithm Design and Analysis	Term 3	COMP4920 Professional Issues and Ethics in Information Technology
	COMP1531 Software Engineering Fundamentals		Fine Arts Course		Fine Arts Course		Security Engineering Prescribed Elective
	COMP1521 Computer Systems Fundamentals		Fine Arts Course		Fine Arts Course		
Term 1	COMP2521 Data Structures and Algorithms	Term 1	Fine Arts Course	Term 1	COMP6441 Security Engineering and Cyber Security OR COMP6841 Extended Security Engineering and Cyber Security	Term 1	Fine Arts Course
	MATH1231 Mathematics 1B OR MATH1241 (Higher) Mathematics 1B		Fine Arts Course		Fine Arts Course		Fine Arts Course
	Fine Arts Course						Security Engineering Prescribed Elective

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T3 Entry 2025 Sample Plan



Year 1		Year 2		Year 3		Year 4		
Term 3	COMP1511 Programming Fundamentals	Term 3	COMP2511 Object-Oriented Design & Programming	Term 3	COMP3121 Algorithm Design and Analysis	Term 3	COMP4920 Professional Issues and Ethics in Information Technology	
	MATH1131 Mathematics 1A OR MATH1141 (Higher) Mathematics 1A		Fine Arts Course		Fine Arts Course		Fine Arts Course	Fine Arts Course
	MATH1081 Discrete Mathematics		Fine Arts Course		Security Engineering Prescribed Elective		Security Engineering Prescribed Elective	
Term 1	MATH1231 Mathematics 1B OR MATH1241 (Higher) Mathematics 1B	Term 1	Fine Arts Course	Term 1	COMP6441 Security Engineering and Cyber Security OR COMP6841 Extended Security Engineering and Cyber Security	Term 1	Fine Arts Course	
	COMP1531 Software Engineering Fundamentals		Fine Arts Course		Fine Arts Course		Fine Arts Course	
	COMP1521 Computer Systems Fundamentals		Computing Elective		Security Engineering Prescribed Elective		Fine Arts Course	
Term 2	COMP2521 Data Structures and Algorithms	Term 2	Fine Arts Course	Term 2	COMP3900 Computer Science Project	Term 2	Fine Arts Course	
	Fine Arts Course		Fine Arts Course		Fine Arts Course		Fine Arts Course	

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	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.