Bachelor of Computer Science / Fine Arts (3792)
Embedded Systems (COMPS1)
T1 Entry 2025 Sample Plan

	Year 1
Term 1	**COMP1511** Programming Fundamentals
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A
	MATH1081 Discrete Mathematics
Term 2	**MATH1231** Mathematics 1B **OR** **MATH1241** (Higher) Mathematics 1B
	COMP1521 Computer Systems Fundamentals
	COMP1531 Software Engineering Fundamentals
Term 3	**COMP2521** Data Structures and Algorithms
	Fine Arts Course

	Year 2
Term 1	**COMP2511** Object-Oriented Design & Programming
	Computing Elective
	Embedded Systems Prescribed Elective
Term 2	**Fine Arts Course**
	Fine Arts Course
Term 3	**Fine Arts Course**
	Fine Arts Course
	Embedded Systems Prescribed Elective

	Year 3
Term 1	**COMP3121** Algorithm Design and Analysis OR **COMP3821** Extended Algorithm Design and Analysis
	Fine Arts Course
	Fine Arts Course
Term 2	**COMP3900** Computer Science Project
	Fine Arts Course
	Fine Arts Course
Term 3	**COMP3222** Digital Circuits and Systems
	Fine Arts Course

	Year 4
Term 1	**Fine Arts Course**
	Fine Arts Course
	Embedded Systems Prescribed Elective
Term 2	**Fine Arts Course**
	Fine Arts Course
Term 3	**COMP4920** Professional Issues and Ethics in Information Technology
	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.

Bachelor of Computer Science / Fine Arts (3792)
Embedded Systems (COMPS1)
T2 Entry 2025 Sample Plan

UNSW SYDNEY

Year 1

Term 2	**COMP1511** Programming Fundamentals
	Fine Arts Course
Term 3	**MATH1131** Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A
	COMP1531 Software Engineering Fundamentals
	COMP1521 Computer Systems Fundamentals
Term 1	**COMP2521** Data Structures and Algorithms
	MATH1081 Discrete Mathematics
	MATH1231 Mathematics 1B **OR** **MATH1241** (Higher) Mathematics 1B

Year 2

Term 2	**COMP2511** Object-Oriented Design & Programming
	Fine Arts Course
	Fine Arts Course
Term 3	**Fine Arts Course**
	Fine Arts Course
Term 1	**COMP3121** Algorithm Design and Analysis **OR** **COMP3821** Extended Algorithm Design and Analysis
	Fine Arts Course
	Fine Arts Course

Year 3

Term 2	**Fine Arts Course**
	Fine Arts Course
	Computing Elective
Term 3	**COMP3222** Digital Circuits and Systems
	Fine Arts Course
	Embedded Systems Prescribed Elective
Term 1	**COMP3900** Computer Science Project
	Fine Arts Course

Year 4

Term 2	**Fine Arts Course**
	Fine Arts Course
	Embedded Systems Prescribed Elective
Term 3	**Fine Arts Course**
	Fine Arts Course
	Embedded Systems Prescribed Elective
Term 1	**COMP4920** Professional Issues and Ethics in Information Technology
	Fine Arts Course

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Bachelor of Computer Science / Fine Arts (3792)
Embedded Systems (COMPS1)
T3 Entry 2025 Sample Plan

	Year 1
Term 3	**COMP1511** Programming Fundamentals
	MATH1131 Mathematics 1A **OR** **MATH1141** (Higher) Mathematics 1A
	MATH1081 Discrete Mathematics
Term 1	**MATH1231** Mathematics 1B **OR** **MATH1241** (Higher) Mathematics 1B
	COMP1531 Software Engineering Fundamentals
	COMP1521 Computer Systems Fundamentals
Term 2	**COMP2521** Data Structures and Algorithms
	Fine Arts Course

	Year 2
Term 3	**COMP2511** Object-Oriented Design & Programming
	Fine Arts Course
	Fine Arts Course
Term 1	**Fine Arts Course**
	Fine Arts Course
	Embedded Systems Prescribed Elective
Term 2	**Fine Arts Course**
	Fine Arts Course

	Year 3
Term 3	**COMP3222** Digital Circuits and Systems
	Fine Arts Course
	Computing Elective
Term 1	**COMP3121** Algorithm Design and Analysis **OR** **COMP3821** Extended Algorithm Design and Analysis
	Fine Arts Course
	Fine Arts Course
Term 2	**COMP3900** Computer Science Project
	Embedded Systems Prescribed Elective

	Year 4
Term 3	**COMP4920** Professional Issues and Ethics in Information Technology
	Fine Arts Course
	Fine Arts Course
Term 1	**Fine Arts Course**
	Fine Arts Course
	Embedded Systems Prescribed Elective
Term 2	**Fine Arts Course**
	Fine Arts Course

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