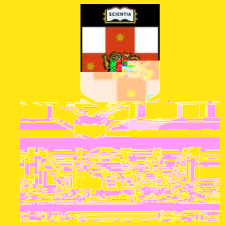


Bachelor of Science - Computer Science (3778)

[Embedded Systems \(COMPS1\)](#)

T1 Entry 2024 Sample Plan



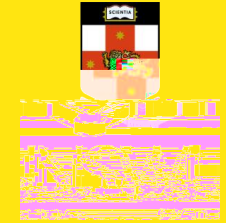
| Year 1 | |
|--------|---|
| Term 1 | COMP1511 Programming Fundamentals |
| | MATH1131 Mathematics 1A OR MATH1141 (Higher) Mathematics 1A |
| | MATH1081 Discrete Mathematics |
| Term 2 | MATH1231 Mathematics 1B OR MATH1241 (Higher) Mathematics 1B |
| | COMP1521 Computer Systems Fundamentals |
| Term 3 | COMP1531 Software Engineering Fundamentals |
| | COMP2511 Object-Oriented Programming |
| | Discipline Elective |

| |
|--|
| COMP3821 Extended Algorithm Design and Analysis |
| Free Elective |
| Free Elective |
| COMP3900 Computer Science Project |
| Free Elective |
| Free Elective |
| COMP4920 Professional Issues and Ethics in Information Technology |
| Term 2 |
| Term 3 |
| COMP3222 Digital Circuits and Systems |

| | |
|--------------|---|
| NOTES | <p>This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.</p> <p>All Level 1 and Level 2 courses are offered in each standard term and f</p> |
|--------------|---|

Embedded Systems (COMPS1)

T3 Entry 2024 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 |
| | COMP2521 Data Structures and Algorithms |
| Term 2 | COMP1521 Computer Systems Fundamentals |
| | |

| Year 2 | |
|--------|---|
| Term 3 | COMP2511 Object-Oriented Design & Programming |
| | Free Elective |
| | General Education Course |
| Term 1 | Prescribed Elective |
| | Prescribed Elective |
| | Free Elective |
| Term 2 | Prescribed Elective |
| | Free Elective |

| Year 3 | |
|--------|---|
| Term 3 | COMP4920 Professional Issues and Ethics in Information Technology |
| | COMP3121 Algorithm Design and Analysis OR COMP3821 Extended Algorithm Design and Analysis |
| | COMP3222 Digital Circuits and Systems |
| Term 1 | Free Elective |
| | Free Elective |
| | General Education Course |
| Term 2 | COMP3900 Computer Science Project |
| | Free Elective |

Free Electives are courses from any Faculty at UNSW including Engineering

General Education are courses from non-Engineering Faculties at UNSW. General Education courses cannot be closely related to 3778 core courses. MATHs courses cannot be counted as General Education courses.

Information is correct as of 01.12.2023 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the