

## Bachelor of Computer Science Study Plan (Semester 2, 2020 Start)

### Majoring in Programming Languages

- Core courses are in blue, courses for the major are in green, elective slots are in orange.
- Courses marked with ^ are offered in both Semester 1 and Semester 2
- Choose at least one from INFS2200 and DECO2500

YEAR 1 (Sem 2 2020, Sem 1 2021)				
Sem 2 2020	<b>CSSE1001</b> Introduction to Software Engineering ^	<b>MATH1061</b> Discrete Mathematics^	<b>INFS1200</b> Introduction to Information Systems ^	<b>MATH1050</b> Mathematical Foundations ^ (if no Maths C) OR <b>MATH1051</b> Calculus & Linear Algebra I ^
Sem 1 2021	<b>CSSE2002</b> Programming in the Large ^	<b>CSSE2010</b> Introduction to Computer Systems ^	<b>COMP2048</b> Theory of Computing	<b>DECO2500</b> Human-Computer Interaction OR <b>MATH1051</b> OR <b>MATH1071</b> (if MATH1050 taken in semester two) OR #2 Part B, C or D elective
YEAR 2				
Sem 2 2021	<b>STAT2203</b> Probability Models and Data Analysis for Engineering	<b>COMP3506</b> Algorithms & Data Structures	<b>CSSE2310</b> Computer Systems Principles and Programming ^	<b>INFS2200</b> Relational Database Systems OR #2 Elective
Sem 1 2022	<b>COMP3400</b> Functional & Logic Programming	<b>COMP4403</b> Compilers and Interpreters	<b>CSSE3100</b> Reasoning About Programs	#2 Part B, C or D elective
YEAR 3				
Sem 2 2022	<b>DECO3801</b> Design Computing Studio 3 - Build	<b>COMP4500</b> Advanced Algorithms & Data Structures	<b>CSSE4630</b> Principles of Program Analysis	<b>COMP3301</b> Operating Systems Architecture
Sem 1 2023	#2 Part B, C or D elective	#2 Part B, C or D elective	#2 Part B, C or D elective	#2 Part B, C or D elective

Students must follow the program rules and requirements outlined at [https://my.uq.edu.au/programs-courses/program.html?acad\\_prog=2425](https://my.uq.edu.au/programs-courses/program.html?acad_prog=2425). Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses. Future course offerings are subject to change.