Bachelor of Computer Science Study Plan (Semester 1, 2020 Start)

Majoring in Machine Learning

- 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

YEAR 1 (2020)				
Sem 1	**CSSE1001** Introduction to Software Engineering ^	**MATH1061** Discrete Mathematics^	**INFS1200** Introduction to Information Systems ^	**MATH1050** Mathematical Foundations ^ (if no Maths C) OR **MATH1051** Calculus & Linear Algebra I ^ OR **MATH1071** Advanced Calculus & Linear Algebra I
Sem 2	**CSSE2002** Programming in the Large ^	**CSSE2010** Introduction to Computer Systems ^	**MATH1052** Multivariate Calculus & Ordinary Differential Equations ^ OR **#2 Part B, C or D elective**	**#2 Part B, C or D elective** or **MATH1051** (if MATH1050 taken in semester one)
YEAR 2 (2021)				
Sem 1	**COMP2048** Theory of Computing	**CSSE2310** Computer Systems Principles and Programming ^	**DECO2500** Human-Computer Interaction	**#2 Part B, C or D elective** OR **MATH1052** Multivariate Calculus & Ordinary Differential Equations ^
Sem 2	**STAT2203** Probability Models and Data Analysis for Engineering	**COMP3506** Algorithms & Data Structures	**COMP3702** Artificial Intelligence	**MATH2302** Discrete Mathematics II
YEAR 3 (2022)				
Sem 1	**COMP4702** Machine Learning	**#2 Part B, C or D elective**	**#2 Part B, C or D elective**	**#2 Part B, C or D elective**
Sem 2	**COMP4500** Advanced Algorithms & Data Structures	**DECO3801** Design Computing Studio 3 - Build	**COMP3710** Pattern Recognition and Analysis	**#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. 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.