Bachelor of Computer Science
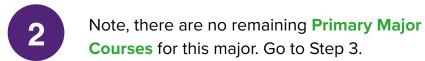## Suggested Study Plan for Semester 2 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND AUSTRALIA

Major in Machine Learning + Major in Programming Languages   **Valid from 2021**

1 The table below shows the required: | **Compulsory Courses** | **Primary Major Courses** | **Secondary Major Courses**

Y1	**S2**	**CSSE1001** Introduction to Software Engineering *(1+2)*	**INFS1200** Introduction to Information Systems *(1+2)*	**MATH1061** Discrete Mathematics *(1+2)*	**STAT1201** Analysis of Scientific Data Or **STAT1301** *(1+2)*
	S1	**CSSE2002** Programming in the Large *(1+2)*	**CSSE2010** Introduction to Computer Systems *(1+2)*	**MATH1051** Calculus & Linear Algebra Or **MATH1071** *(1+2)*	**DECO1400** Introduction to Web Design
Y2	**S2**	**COMP3506** Algorithms & Data Structures	**COMP3702** Artificial Intelligence	**MATH1052** Multivariate Calculus & Ordinary Differential Equations Or **MATH1072** *(1+2)*	**COMP2140** Web & Mobile Programming
	S1	**COMP2048** Theory of Computing	**COMP4702** Machine Learning	**COMP3400** Functional & Logic Programming	**CSSE2310** Computer Systems Principles & Programming *(1+2)*
Y3	**S2**	**COMP3710** Pattern Recognition and Analysis	**DECO3801** Design Computing Studio 3: Build	**STAT3006** Statistical Learning	**MATH2302** Discrete Mathematics II
	S1	**COMP4403** Compilers and Interpreters	**CSSE3100** Reasoning About Programs		

2 Note, there are no remaining **Primary Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Choose **1** remaining **Secondary Major Course** for a free slot, accounting for prerequisites:

S1	**DECO2500**	
S2	**DECO2500**	**INFS2200**

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

(1+2) Course offered in both Semester 1 & 2.