Bachelor of Computer Science
Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND AUSTRALIA

Major in Data Science + **Major in Programming Languages**

Valid from 2021

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

Y1	**S1**	**CSSE1001** Introduction to Software Engineering *1+2*	**INFS1200** Introduction to Information Systems *1+2*	**MATH1061** Discrete Mathematics *1+2*	**MATH1051** Calculus & Linear Algebra Or **MATH1071** *1+2*
	S2	**CSSE2002** Programming in the Large *1+2*	**CSSE2010** Introduction to Computer Systems *1+2*	**STAT1201** Analysis of Scientific Data Or **STAT1301** *1+2*	
Y2	**S1**	**COMP2048** Theory of Computing	**STAT2003** Mathematical Probability	**CSSE2310** Computer Systems Principles & Programming *1+2*	**DECO1400** Introduction to Web Design
	S2	**COMP3506** Algorithms & Data Structures	**INFS2200** Relational Database Systems	**DATA2001** Introduction to Data Science	**COMP2140** Web & Mobile Programming
Y3	**S1**	**COMP4702** Machine Learning	**COMP3400** Functional & Logic Programming	**COMP4403** Compilers and Interpreters	**CSSE3100** Reasoning About Programs
	S2	**DECO3801** Design Computing Studio 3: Build	**INFS3200** Advanced Database Systems *1+2*	**STAT2004** Statistical Modelling & Analysis	

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.

Study plan last modified: Friday, 15 July 2022