Bachelor of Computer Science
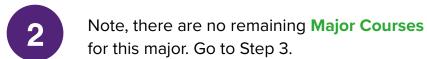## Suggested Study Plan for Semester 1 Start (BCompSc)
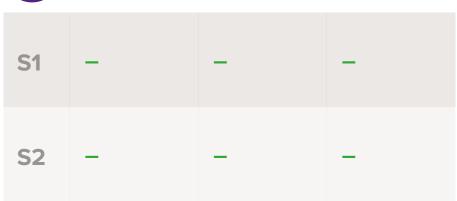
THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Extended Major in Data Science

1 The table below shows the required: | **Compulsory Courses** | **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		
	S2	**COMP3506** Algorithms & Data Structures	**DATA2001** Introduction to Data Science	**INFS2200** Relational Database Systems	**STAT2004** Statistical Modelling & Analysis
Y3	**S1**	**COMP4702** Machine Learning	**INFS3200** Advanced Database Systems _1+2_	**INFS4205** Advanced Techniques for High Dimensional Data	
	S2	**COMP3702** Artificial Intelligence	**DECO3801** Design Computing Studio 3: Build	**INFS4203** Data Mining	**INFS3208** Cloud Computing

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

S1	–	–	–
S2	–	–	–

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BCompSc program rules & requirements.

_1+2_ Course offered in both Semester 1 & 2.