## **Bachelor of Computer Science**

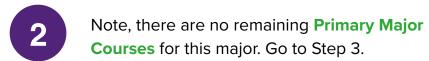
**Suggested Study Plan for Semester 1 Start (BCompSc)** 



Major in Data Science + Major in Machine Learning

Valid from 2021

1	The tal	ole below shows the require	d: Compulsory Courses	Primary Major Courses	Secondary Major Courses
<b>Y1</b>	<b>S1</b>	CSSE1001 Introduction to Software Engineering	INFS1200 Introduction to Information Systems	MATH1061  Discrete  Mathematics	MATH1051  Calculus & Linear Algebra  Or MATH1071
	<b>S2</b>	CSSE2002  Programming in the Large	CSSE2010 Introduction to Computer Systems	STAT1201  Analysis of Scientific Data  Or STAT1301	MATH2302 Discrete Mathematics II
Y2	<b>S1</b>	COMP2048 Theory of Computing	STAT2003  Mathematical  Probability	MATH1052  Multivariate Calculus & Ordinary Differential Equations	
	<b>S2</b>	COMP3506 Algorithms & Data Structures	DATA2001 Introduction to Data Science	INFS2200 Relational Database Systems	STAT2004 Statistical Modelling & Analysis
Y3	<b>S1</b>	COMP4702  Machine Learning	INFS3200  Advanced Database Systems		
	<b>S2</b>	DECO3801  Design Computing  Studio 3: Build	COMP3702  Artificial Intelligence	COMP3710  Pattern Recognition and Analysis	Statistical Learning



<b>S1</b>	_	_	-
<b>S2</b>	_	_	_

3	Note, there are no remaining Secondary Major
	Courses for this major. Go to Step 4.

<b>S1</b>	_	_	_
<b>S2</b>	_	_	_



Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **MATH1051** (Level 1), **COMP4702** (Level 4) and **DECO3801** (Level 3) — from the <u>BCompSc program rules & requirements</u>.



Course offered in both Semester 1 & 2.