## **Bachelor of Computer Science**

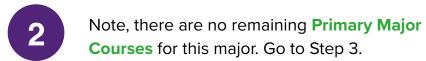
**Suggested Study Plan for Semester 2 Start (BCompSc)** 



Major in Data Science + Major in Programming Languages

Valid from 2021

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



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

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

<b>S1</b>	DECO2500	
<b>S</b> 2	DECO2500	INFS2200



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



Course offered in both Semester 1 & 2.