Bachelor of Computer Science

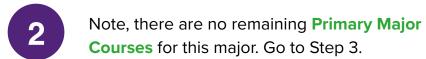
Suggested Study Plan for Semester 1 Start (BCompSc)



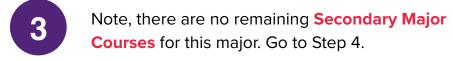
Major in Data Science + Major in Scientific Computing

Valid from 2021

1	The tal	Secondary Major Courses			
Y1	S1	CSSE1001 Introduction to Software Engineering	INFS1200 Introduction to Information Systems	MATH1061 Discrete Mathematics	MATH1051 Calculus & Linear Algebra Or MATH1071
	S2	CSSE2002 Programming in the Large	CSSE2010 Introduction to Computer Systems	STAT1201 Analysis of Scientific Data Or STAT1301	
Y2	S1	COMP2048 Theory of Computing	STAT2003 Mathematical Probability	MATH1052 Multivariate Calculus & Ordinary Differential Equations	SCIE2100 Bioinformatics 1: Introduction
	S2	COMP3506 Algorithms & Data Structures	INFS2200 Relational Database Systems	DATA2001 Introduction to Data Science	COSC2500 Numerical Methods in Computational Science
Y3	S1	COMP4702 Machine Learning	INFS3200 Advanced Database Systems	COSC3000 Visualization, Computer Graphics & Data Analysis	
	S2	DECO3801 Design Computing Studio 3: Build	STAT2004 Statistical Modelling & Analysis	COSC3500 High-Performance Computing	



S1	_	_	_
S2	_	_	_



S1	_	_	_
S2	_	_	_



Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **MATH1051** (Level 1), **INFS2200** (Level 2) and **DECO3801** (Level 3) — from the <u>BCompSc program rules & requirements</u>.



Course offered in both Semester 1 & 2.