

Bachelor of Computer Science

Suggested Study Plan for Semester 2 Start (BCompSc)

Major in Data Science + Major in Scientific Computing

Valid from 2021

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The table below shows the required:

Compulsory Courses

Primary Major Courses

Secondary Major Courses

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

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

S1	—	—	—
S2	—	—	—

3

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

S1	—	—	—
S2	—	—	—

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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 BCompSc program rules & requirements.



Course offered in both Semester 1 & 2.