

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

Major in Scientific Computing

Valid from 2021

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The table below shows the required:

Compulsory Courses

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	MATH1052 Multivariate Calculus & Ordinary Differential Equations Or MATH1072
Y2	S1	COMP2048 Theory of Computing	SCIE2100 Bioinformatics 1: Introduction		
	S2	COMP3506 Algorithms & Data Structures	COSC2500 Numerical Methods in Computational Science	INFS2200 Relational Database Systems	
Y3	S1	COSC3000 Visualization, Computer Graphics & Data Analysis			
	S2	COSC3500 High-Performance Computing	DECO3801 Design Computing Studio 3: Build		

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

S1	—	—	—
S2	—	—	—

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



Course offered in both Semester 1 & 2.