## **Bachelor of Computer Science**

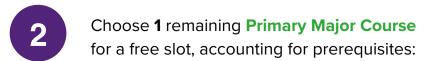




Major in Programming Languages + Major in Scientific Computing

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	CSSE2310  Computer Systems Principles & Programming	COSC2500  Numerical Methods in  Computational Science	MATH1052  Multivariate Calculus & Ordinary Differential Equations Or MATH1072
	<b>S1</b>	COMP2048 Theory of Computing	COMP3400 Functional & Logic Programming	CSSE3100  Reasoning About  Programs	SCIE2100  Bioinformatics 1: Introduction
<b>Y3</b>	<b>S2</b>	DECO3801  Design Computing  Studio 3: Build	COMP2140 Web & Mobile Programming	COSC3500  High-Performance  Computing	INFS2200 Relational Database Systems
	<b>S1</b>	COMP4403 Compilers and Interpreters	COSC3000  Visualization, Computer Graphics & Data Analysis		



<b>S1</b>	DECO2500		
<b>S2</b>	DECO2500	INFS2200	

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 **DECO3801** (Level 3) — from the <u>BCompSc program rules & requirements</u>.



Course offered in both Semester 1 & 2.