Bachelor of Computer Science

Suggested Study Plan for Semester 2 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Programming Languages + **Major in Scientific Computing**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	**S2**	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2
	S1	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2	**DECO1400** Introduction to Web Design
Y2	**S2**	**COMP3506** Algorithms & Data Structures	**CSSE2310** Computer Systems Principles & Programming 1+2	**COSC2500** Numerical Methods in Computational Science	**MATH1052** Multivariate Calculus & Ordinary Differential Equations Or **MATH1072** 1+2
	S1	**COMP2048** Theory of Computing	**COMP3400** Functional & Logic Programming	**CSSE3100** Reasoning About Programs	**SCIE2100** Bioinformatics 1: Introduction
Y3	**S2**	**DECO3801** Design Computing Studio 3: Build	**COMP2140** Web & Mobile Programming	**COSC3500** High-Performance Computing	**INFS2200** Relational Database Systems
	S1	**COMP4403** Compilers and Interpreters	**COSC3000** Visualization, Computer Graphics & Data Analysis		

2 Choose **1** remaining **Primary Major Course** for a free slot, accounting for prerequisites:

S1	**DECO2500**		
S2	**DECO2500**	**INFS2200**	

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

S1	–	–	–
S2	–	–	–

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

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022