

# Bachelor of Computer Science

## Suggested Study Plan for Semester 1 Start (BCompSc)

Major in **Cyber Security** + Major in **Programming Languages**

Valid from 2021

**1** The table below shows the required:

		Compulsory Courses	Primary Major Courses	Secondary Major Courses
Y1	S1	<b>CSSE1001</b> Introduction to Software Engineering	<b>INFS1200</b> Introduction to Information Systems	<b>MATH1061</b> Discrete Mathematics
	S2	<b>CSSE2002</b> Programming in the Large	<b>CSSE2010</b> Introduction to Computer Systems	<b>STAT1201</b> Analysis of Scientific Data Or <b>STAT1301</b>
Y2	S1	<b>COMP2048</b> Theory of Computing	<b>CSSE2310</b> Computer Systems Principles & Programming	<b>CSSE3100</b> Reasoning About Programs
	S2	<b>COMP3506</b> Algorithms & Data Structures	<b>CYBR3000</b> Information Security	<b>COMP2140</b> Web & Mobile Programming
Y3	S1	<b>COMP3320</b> Vulnerability Assessment and Penetration Testing	<b>COMS3200</b> Computer Networks I	<b>COMP3400</b> Functional & Logic Programming
	S2	<b>COMP3301</b> Operating Systems Architecture	<b>DECO3801</b> Design Computing Studio 3: Build	<b>COMP4403</b> Compilers and Interpreters

**2** Choose **2** remaining **Primary Major Courses** for some free slots, accounting for prerequisites:

S1	<b>CRIM1000</b>	<b>DECO2500</b>	
S2	<b>CRIM1000</b>	<b>DECO2500</b>	<b>INFS2200</b>

**3** Choose **1** remaining **Secondary Major Course** for a free slot, accounting for prerequisites:

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

**4** Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **CSSE2310** (Level 2) and **DECO3801** (Level 3) — from the [BCompSc program rules & requirements](#).



Course offered in both Semester 1 & 2.