

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

Major in **Cyber Security** + Major in **Machine Learning**

Valid from 2021

1 The table below shows the required:

		Compulsory Courses	Primary Major Courses	Secondary Major Courses
Y1	S1	CSSE1001 Introduction to Software Engineering	INFS1200 Introduction to Information Systems	MATH1061 Discrete Mathematics
	S2	CSSE2002 Programming in the Large	CSSE2010 Introduction to Computer Systems	MATH1051 Calculus & Linear Algebra Or MATH1071
Y2	S1	COMP2048 Theory of Computing	CSSE2310 Computer Systems Principles & Programming	
	S2	COMP3506 Algorithms & Data Structures	CYBR3000 Information Security	COMP3702 Artificial Intelligence
Y3	S1	COMP3320 Vulnerability Assessment and Penetration Testing	COMS3200 Computer Networks I	MATH2302 Discrete Mathematics II
	S2	COMP3301 Operating Systems Architecture	DECO3801 Design Computing Studio 3: Build	COMP4702 Machine Learning
				COMP3710 Pattern Recognition and Analysis
				STAT3006 Statistical Learning

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

S1	CRIM1000	DECO2500	
S2	CRIM1000	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](#).



Course offered in both Semester 1 & 2.