

# Bachelor of Computer Science

## Suggested Study Plan for Semester 2 Start (BCompSc)

### Major in Machine Learning

Valid from 2021

1

The table below shows the required:

Compulsory Courses

Major Courses

|    |    |   |  |  |  |
|----|----|---|--|--|--|
| Y1 | S2 | <b>CSSE1001</b><br>Introduction to Software Engineering | <b>INFS1200</b><br>Introduction to Information Systems | <b>MATH1061</b><br>Discrete Mathematics  | <b>STAT1201</b><br>Analysis of Scientific Data<br>Or <b>STAT1301</b> |
|    | S1 | <b>CSSE2002</b><br>Programming in the Large             | <b>CSSE2010</b><br>Introduction to Computer Systems    | <b>MATH1051</b><br>Calculus & Linear Algebra<br>Or <b>MATH1071</b>                               |  |
| Y2 | S2 | <b>COMP3506</b><br>Algorithms & Data Structures         | <b>COMP3702</b><br>Artificial Intelligence             | <b>MATH1052</b><br>Multivariate Calculus & Ordinary Differential Equations<br>Or <b>MATH1072</b> | <b>MATH2302</b><br>Discrete Mathematics II                           |
|    | S1 | <b>COMP2048</b><br>Theory of Computing                  | <b>COMP4702</b><br>Machine Learning                    |  |  |
| Y3 | S2 | <b>COMP3710</b><br>Pattern Recognition and Analysis     | <b>DECO3801</b><br>Design Computing Studio 3: Build    | <b>STAT3006</b><br>Statistical Learning  |  |
|    | S1 |   |  |  |  |

2

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

|    |   |   |   |
|----|---|---|---|
| S1 | — | — | — |
| S2 | — | — | — |

3

Fill the remaining free slots with **Program Electives** or **General Electives** from the [BCompSc program rules & requirements](#).

1+2

Course offered in both Semester 1 & 2.