

## RECOMMENDED STUDY PLAN

**2022**

DEGREE Bachelor of Technology and Innovation MAJOR Information Technology (ITE)

NAME \_\_\_\_\_

To assist you with subject information, we recommend you consult with your [CSE Course/Major Advisor](#) and refer to [Subject Search](#). If you would prefer a part-time study plan, please adjust the below planner, reviewing subject prerequisites to ensure you are on track for course completion.

### Year 1

Study Period 1 - SP1		Study Period 2 - SP2	
<b>Degree Core:</b> <u>SC1101</u> Science Technology and Truth		<b>Degree Opt Core</b> <u>SC1102</u> Modelling Natural Systems PREREQ: MA1020 <b>OR</b> <u>SC1109</u> Modelling Natural Systems-Advanced^ PREREQ: MA1000 OR MA1009	
		<b>Elective:</b>	
<b>Study Period 3 (Jan-Feb)</b> <b>Degree Core:</b> <u>MA1020</u> Preparatory Math* <i>*This subject is equivalent to QLD-Maths Methods from high school.</i> <b>OR</b> <b>Elective - if student has completed high school level Mathematics B or equivalent</b>		<b>Trimester 3 (Sept-Dec)</b>  <b>Degree Core:</b> <u>CP1403</u> Design Thinking	
<b>Trimester 1 (Feb-May)</b>		<b>Major Core:</b> <u>CP1404</u> Programming II PREREQ: CP1801 OR CP1401 OR CP1200 OR EG1002 OR CP2200	
<b>Degree Option Core:</b> <u>CP1401</u> Problem Solving and Programming I			
<b>Major Core:</b> <u>CP1406</u> Web Design and Development			

^SC1109 has more math-based tutorials and requires MA1000. It may be taken as an alternative to SC1102 if you would prefer. It is a required subject in the Advanced Science program if you are considering that pathway.

## Year 2

Study Period 1 - SP1	Study Period 2 - SP2
<b>Degree Opt Core:</b> <u>SC2202</u> Quantitative Methods in Science PREREQ: SC1102 OR MA1020 OR MATH B OR EQUIVALENT <b>OR</b> <u>SC2209</u> Quantitative Methods in Science-Advanced PREREQ: SC1109 AND MA1003 PLUS 6CP OF OTHER LEVEL 1 SUBJECTS	<b>Degree Core:</b> <u>EV2502</u> Introduction to Geographic Information Systems PREREQ: 12CP LEVEL 1 SUBJECTS
<b>Degree Core:</b> <u>MA2830</u> Data Visualisation	<b>Elective:</b>
<b>Elective:</b>	

Trimester 3 (Sept-Dec)
<b>Major Core:</b> <u>CP2404</u> Database Modelling

Trimester TBA	
<b>Major Core:</b> <u>CP2406</u> Programming III PREREQ: CP1404 OR CP1804 OR CP1300	<b>Major Core:</b> <u>CP2408</u> Design Thinking and Creative IT Industries PREREQ: CP1403 OR CP1803 OR SC1201

## Year 3

Study Period 1 - SP1	Study Period 2 - SP2
<b>Degree Core:</b> <u>SC3008</u> Professional Placement - <i>available any SP</i>	
<b>Degree Core:</b> <u>EG3000:03</u> Introduction to Systems Engineering and Project Management PREREQ: EG1000 AND EG1002 AND EG1010 AND EG1011 AND EG1012 AND MA1000 AND MA1003 AND (PH1005 OR EG1001) OR 36CP	<b>Elective:</b>
<b>Elective:</b>	

Trimester 3 (Sept-Dec)
<b>Degree Core:</b> <u>BX3173</u> Innovation Driven Entrepreneurship PREREQ: 18CP OF SUBJECTS

Trimester TBA		
<b>Major Core:</b> <u>CP3401</u> e-Strategic Management PREREQ: 24CP OF SUBJECTS	<b>Major Core:</b> <u>CP3402</u> Content Management Systems PREREQ: (CP1404 OR CP1804 AND CP1406 OR CP1806) OR CP2010, AND 24CP OF CP SUBJECTS	<b>Major Core:</b> <u>CP3405</u> Design Thinking and Project Management PREREQ: CP2408

### COURSE INCLUDES MANDATORY PROFESSIONAL PLACEMENT(S)

This course includes prescribed professional placements. Students may be required to undertake such placements away from the campus at which they are enrolled, at their own expense.

### ADDITIONAL INFORMATION

[Bachelor of Technology and Innovation course handbook](#)  
[Information Technology major handbook](#)