

RECOMMENDED STUDY PLAN

Mid-Year Entry **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

MID-YEAR ENTRY	Study Period 2 - SP2	
	Degree Option Core SC1102 Modelling Natural Systems PREREQ: MA1020 OR SC1109 Modelling Natural Systems-Advanced^ PREREQ: MA1000 OR MA1009	
	Degree Core: MA1020 Preparatory Math* *This subject is equivalent to QLD-Maths Methods from high school.	
	OR	
	Elective - if student has completed high school level Mathematics B or equivalent	
	Elective:	
		Trimester 3 (Sept-Dec)
		Degree Core: CP1403 Design Thinking

^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	
Degree Core: <u>SC1101</u> Science Technology and Truth		Degree Core: <u>EV2502</u> Introduction to Geographic Information Systems PREREQ: 12CP LEVEL 1 SUBJECTS	
Degree Option Core: <u>SC2202</u> Quantitative Methods in Science PREREQ: SC1102 OR MA1020 OR MATH B OR EQUIVALENT OR <u>SC2209</u> Quantitative Methods in Science-Advanced PREREQ: SC1109 AND MA1003 PLUS 6CP OF OTHER LEVEL 1 SUBJECTS		Elective:	
Trimester 1 (Feb-May)		Trimester 3 (Sept-Dec)	
Degree Option Core: <u>CP1401</u> Problem Solving and Programming I		Major Core: <u>CP1404</u> Programming II PREREQ: CP1801 OR CP1401 OR CP1200 OR EG1002 OR CP2200	
Major Core: <u>CP1406</u> Web Design and Development		Major Core: <u>CP2404</u> Database Modelling	

Year 3

Study Period 1 - SP1	Study Period 2 - SP2
Degree Core: <u>MA2830</u> Data Visualisation	Degree Core: <u>SC3008</u> Professional Placement - <i>available any SP</i>
Degree Core: <u>EG3000</u> :03 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	Elective:
Elective:	

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

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

Year 4

Study Period 1 - SP1		MID-YEAR COMPLETION
Elective:		
Trimester TBA		
Major Core: CP3401 e-Strategic Management PREREQ: 24CP OF SUBJECTS	Major Core: CP3402 Content Management Systems PREREQ: (CP1404 OR CP1804 AND CP1406 OR CP1806) OR CP2010, AND 24CP OF CP SUBJECTS	Major Core: CP3405 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](#)