JAMES COOK UNIVERSITY AUSTRALIA

The information provided is designed to provide helpful information on your study plan. Changes to subject information after this time may affect your study plan. Please refer to the enrolment resources for up to date information.

RECOMMENDED STUDY PLAN

Mid-Year Entry 2021

DEGREE Bachelor of Information Technology MINOR Internet of Things (IOT)

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 Core: CP1403 Design Thinking
		Degree Core: CP1401 Problem Solving and Programming I
		Degree Core: CP1402 Internet Fundamentals
		Minor Core: EG1012 Electric Circuits

	Study Period 1 - SP1	**Study Period 2 - SP2**
Year 2	**Degree Core:** CP1404 Programming II - *External* **PREREQ: CP1801 OR CP1401 OR CP1200 OR EG1002 OR CP2200 OR SC1201**	**Degree Core:** CP2405 Collective Intelligence and Entrepreneurship **PREREQ: 24CP OF SUBJECTS**
	Degree Opt Core: MA1020 Preparatory Mathematics **OR** MA1000 Mathematical Foundations **PREREQ: MA1020 OR MATHS B OR MATHS C**	**Degree Core:** CP2406 Programming III **PREREQ: CP1404 OR CP1804 OR CP1300**
	Degree Core: CP1406 Web Design and Development	**Degree Core:** CP2408 Design Thinking and Creative IT Industries **PREREQ: CP1403 OR CP1803 OR SC1201**
	Elective:	**Minor Core:** CC2511 Embedded Systems Design **PREREQ: EG1002 OR CP1300 OR CP1404**

	Study Period 1 - SP1	Study Period 2 - SP2
Year 3	**Degree Core:** CP2403 Information Processing and Visualisation **PREREQ: 12CP OF SUBJECTS**	**Degree Core:** CP3401 e-Strategic Management **PREREQ: 24CP OF SUBJECTS**
	Degree Core: CP2404 Database Modelling	**Degree Core:** CP3404 Information Security **PREREQ: 6CP OF CP SUBJECTS AND 12CP OF SUBJECTS**
	Degree Core CP2414 Network Security **PREREQ: 12CP OF SUBJECTS**	**Degree Core:** CP3405 Design Thinking and Project Management **PREREQ: CP2408**
	Minor List 1:	**Minor Core:** CC3501 Computer Interfacing and Control **PREREQ: CC2511**

	Study Period 1 - SP1	
Year 4	**Degree Core:** CP3402 Content Management Systems **PREREQ: (CP1404 OR CP1804 AND CP1406 OR CP1806) OR CP2010, AND 24CP OF CP SUBJECTS**	*MID-YEAR COMPLETION*
	Degree Core: CP3403 Data Mining **PREREQ: 6CP OF CP SUBJECTS AND 12CP OF SUBJECTS**	
	Degree Core: CP3406 Mobile Computing **PREREQ: CP1404 OR CP1804 AND 18CP OF CP SUBJECTS**	
	Degree Opt Core: CP3103 Independent Project **PREREQ: 36CP OF CP SUBJECTS** **OR** CP3101 Professional Internship (SP 10) **PREREQ: 36CP OF CP SUBJECTS** **OR** CP3102 Multidisciplinary Project (Trimester 2) **PREREQ: 36CP OF CP SUBJECTS**	

Minor List 1:	
Study Period 1 - SP1	**Study Period 2 - SP2**
CP2410: Algorithms and Data Structures **PREREQ: 6CP OF CP SUBJECTS**	CP2409: Network Forensics and Data Communications **PREREQ: CP1402 OR CP2012 OR CP2231 OR CP1802**
CC2510: Digital Logic and Computing Methods **PREREQ: EG1002 or CP1300**	EE2300: Electronics 1 **PREREQ: EG1012**
	CP3407: Advanced Software Engineering **PREREQ: (CP1404 OR CP1804 AND 18CP OF CP SUBJECTS)**

PROFESSIONAL ACCREDITATION STATUS

This course is accredited by the Australian Computer Society (ACS). The ACS is the authority responsible for the accreditation of professional ICT education programs in Australia. The ACS is also a signatory to the Seoul Accord (https://www.seoulaccord.org/). The Accord signatories accord mutual recognition to their respective accreditation schemes.

Graduates are eligible to become an Associate Member of the Society immediately and a full Professional Member after they have been certified as a Certified Technologist or Certified Professional and satisfy the Society that they have acquired the Core Body of Knowledge through demonstrated equivalence and adhere to the ACS Code of Ethics. However, the course is accredited as a whole course and the accreditation may not apply when students are granted advanced standing, credit(s) or exemption(s) by the institution. A course undertaken by a student granted advanced standing, credit(s) or exemption(s) will only be regarded as the accredited course where, in the opinion of the Society, credit(s) or exemption(s) are given for equivalent subjects (particularly in terms of Information Technology content) taken at an equivalent educational level in an institution of appropriate academic standing.

ADDITIONAL INFORMATION

Bachelor of Information Technology course handbook
Internet of Things minor handbook