

STUDY PLAN FOR BACHELOR OF INFORMATION TECHNOLOGY

Applicable for students who joined BIT from SP52/2015 onwards



	Subject Code	Subject Name	Prerequisite	SP51/2019	SP52/2019	SP53/2019	SP51/2020	SP52/2020	SP53/2020
Core Subjects-Level 1	CP1401	Fundamentals of Problem Solving and Programming I		✓	✓	✓		✓	
	CP1402	Internet Fundamentals		✓		✓		✓	
	CP1403	Design Thinking			✓	✓	✓		✓
	CP1404	Programming II	CP1401/CP1801		✓	✓	✓	✓	✓
	CP1406	Web Design and Development		✓	✓	✓	✓		✓
	MA1020	Preparatory Mathematics		✓	✓		✓	✓	
Core Subjects-Level 2	CP2403	Information Processing and Visualisation			✓	✓		✓	
	CP2404	Database Modelling			✓			✓	
	CP2405	Collective Intelligence and Entrepreneurship	Minimum 24 credit points.	✓			✓		
	CP2406	Programming III	CP1404	✓		✓	✓		✓
	CP2408	Design Thinking and Creative IT Industries	CP1403	✓	✓			✓	
	CP2414	Network Security	12 credit points of CP subjects		✓		✓		✓
Core Subjects-Level 3	CP3401	e-Strategic Management	24 credit points		✓		✓		✓
	CP3402	Content Management Systems	CP1404 or CP1804 and CP1406 or CP1806 and 24 CP of CP subjects	✓		✓		✓	
	CP3403	Data Mining	6 credit points of CP subjs. and 12 credit points of subjs.	✓	✓		✓	✓	
	CP3404	Information Security	6 credit points of CP subjs. and 12 credit points of subjs.	✓		✓		✓	
	CP3405	Design Thinking and Project Management	CP2408		✓	✓		✓	
	CP3406	Mobile Computing	CP1404 & 18 credit points of CP credits	✓		✓	✓		✓
	CP3101 CP3102 CP3103	Professional Internship or Multi-Disciplinary Project or Independent Project	36 CP credits of CP subjects	✓	✓	✓	✓	✓	✓
Human Computer Interaction and Games Design Minor (HCI&GD)	CP2411	3D Modelling and Animation	6 credit points of CP subjects	✓		✓		✓	
	CP2412	Game Design and Technologies	6 credit points of CP subjects	✓			✓		
	CP3408	Game Engine and Simulation	CP1404 and 18 credit points of CP subjects		✓		✓		✓
	CP1405	Gamification			✓		✓		✓
Plus 3 credit points of any undergraduate subjects (refer to undergraduate program study plan e.g. Business, Arts, Psychology)									
BIT-Computer Science and Networking (CS&N) Minor	CP2409	Network Forensics and Data Communications	CP1402		✓			✓	
	CP2410	Algorithms and Data Structures	6 credit points of CP subjects	✓		✓	✓		
	CP3407	Advanced Software Engineering	CP1404 and 18 credit points of CP subjects	✓		✓		✓	
	CP1407	Introductory Machine Learning and Data Science			✓			✓	
Plus 3 credit points of any undergraduate subjects (refer to undergraduate program study plan e.g. Business, Arts, Psychology)									
No Minor	15 credit points of any undergraduate subjects (from other undergraduate program e.g. Business, Arts, Psychology)								
Recommended elective subjects student can choose	CU1000	English for Academic Purposes		✓	✓	✓	✓	✓	✓
	BX3186	Social Marketing		✓			✓		

Disclaimer: The above information is correct as below date. JCU Singapore reserves right to alter any changes to the above information without prior notice.

Important note: Maximum 10 level 1 subjects (including core subjects, elective subjects and advanced standing components) are allowed for enrolment in BIT program.

Updated on 20 August 2019