

**STUDY PLAN FOR  
MASTER OF INFORMATION TECHNOLOGY**



	Subject Code	Subject Name	Prerequisite	SP51/2019	SP52/2019	SP53/2019	SP51/2020	SP52/2020	SP53/2020
Postgraduate Foundation Subjects	CP5631	Internet Fundamentals		✓	✓	✓	✓	✓	✓
	CP5633	Database Modelling		✓	✓	✓	✓	✓	✓
	CP5638	Web Design and Development		✓	✓	✓	✓	✓	✓
	CP5639	Fundamentals of Problem Solving and Programming I		✓	✓	✓	✓	✓	✓
Core Subjects	CP5603	Advanced E-Security	Basic knowledge of internet architecture.	✓	✓	✓	✓	✓	✓
	CP5046	ICT Project 1: Analysis and Design	12 credit points of Level 5 CP subs.	✓	✓	✓	✓	✓	✓
	CP5047	ICT Project 2: Implementation and Commissioning	CP5046	✓	✓	✓	✓	✓	✓
Business Informatics Major	CP5310	E-Business Technologies	Should understand basic relational database principles and have facility with at least one programming language		✓		✓		✓
	CP5503	Enterprise Database Systems - Oracle	Should have basic knowledge of relational database principles	✓		✓		✓	
	CO5124	Data Analysis and Decision Modelling	capability with Excel or similar spreadsheet package	✓	✓		✓	✓	
	CP5634	Data Mining		✓	✓		✓		✓
	CP5520	Advanced Databases and Applications		✓		✓		✓	
Interactive Technologies & Game Designs Major	CP5310	E-Business Technologies	Should understand basic relational database principles and have facility with at least one programming language		✓		✓		✓
	CP5604	Advanced Game Design	Knowledge of at least one programming language and some knowledge of multimedia packages	✓		✓		✓	
	CP5607	Advanced Human Computer Interaction	Knowledge of at least one programming language and some knowledge of multimedia packages		✓		✓		✓
	CP5608	Advanced Animation Techniques	Advanced knowledge of multimedia packages		✓		✓		✓
	CP5609	Intelligent Agents and Simulation	Advanced knowledge of Object Oriented programming packages	✓		✓		✓	
Computing & Networking Major	CP5307	Advanced Mobile Technology	Proficiency in at least one programming language		✓		✓		✓
	CP5601	Advanced Data Communications Principles	Basic knowledge of internet architecture		✓		✓		✓
	CP5602	Advanced Algorithm Analysis	Proficiency in at least one programming language	✓		✓		✓	
	CP5607	Advanced Human Computer Interaction	Knowledge of at least one programming language and some knowledge of multimedia packages		✓		✓		✓
	CP5634	Data Mining		✓	✓		✓		✓

Plus 2 level 5 subjects with CP or LB prefix. Refer to below list for recommended CP Elective subjects. Refer to MBA Study Plan for LB Elective subjects.

			SP51/2019	SP52/2019	SP53/2019	SP51/2020	SP52/2020	SP53/2020
CP5080	Literature Review and Research Proposal		✓	✓		✓	✓	
CP5030	Special Topics 1		✓	✓		✓	✓	
CP5035	Special Topics 2			✓	✓	✓		✓

Plus 2 level 5 subjects from any Postgraduate programs.

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