STUDY PLAN FOR
MASTER OF INFORMATION TECHNOLOGY

Students commences in Carousel/Block intake(SP82, SP84, SP86) please refer to page 2 for subjects offering of the respective intake.

COURSE STRUCTURE:

4 PostGraduate Foundation Subjects	➕	3 General Core Subjects	➕	5 Core Subjects of Major 1	➕	4 Elective Subjects 1) 2 Level 5 CP/LB subjects 2) 2 any Level 5 subjects

GENERAL INFORMATION
1) 1 subject is equivalent to 3 credit points.

IMPORTANT NOTE
1) It is highly recommended that students take CP5046 in the second last trimester of study and take CP5047 in the last trimester of study.

	Subject Code	Subject Name	Pre-requisite and Inadmissible Subjects	SP51/24	TR2/24	TR3/24	TR1S/25	TR2/25	TR3/25
PostGraduate Foundation Subjects	CP5631	Internet Fundamentals	(Inadmissible subject: CP1402)	√	√	√	√	√	√
	CP5633	Database Modelling	(Inadmissible subject: CP2404)	√		√	√	√	
OR	CP5638	Web Design and Development (Select 1)	(Inadmissible subject: CP1406)	√		√	√		√
	CP5636	e-Strategic Management	(Inadmissible subject: CP3401)		√	√		√	√
	CP5639	Problem Solving and Programming I	(Inadmissible subject: CP1401)	√	√	√	√	√	√
General Core Subjects	CP5603	Advanced E-Security	Pre-req: CP5631 or Admitted to MIT-MBA. (Assumed Knowledge: Basic knowledge of internet architecture.) (Inadmissible subject: CP3404)	√		√		√	
	CP5046	ICT Project 1: Analysis and Design	Pre-req: 9 credit points of Level 5 CP subjects (Inadmissible subject: CP3046)	√	√	√	√	√	
	CP5047	ICT Project 2: Implementation and Commissioning	Pre-req: CP5046 (Inadmissible subject: CP3047)	√	√	√	√	√	
Business Informatics Major	CP5310	E-Business Technologies	Assumed Knowledge: Basic relational database principles and have facility with at least one programming language.		√	√		√	
	CP5503	Enterprise Database Systems - Oracle	Assumed Knowledge: Basic knowledge of relational database principles.		√			√	
	CO5124	Data Analysis and Decision Modelling	Assumed Knowledge : Capability with Excel or similar spreadsheet package	√		√		√	
	CP5634	Data Mining	(Inadmissible subject: CP3403)	√	√		√	√	
	CP5520	Advanced Databases and Applications	Assumed Knowledge: Have equivalent knowledge through other study or professional experience.		√		√	√	
Interactive Technologies & Games Design Major	CP5310	E-Business Technologies	Assumed Knowledge: Basic relational database principles and have facility with at least one programming language.		√	√		√	
	CP5604	Advanced Game Design	Assumed Knowledge: Knowledge of at least one programming language and some knowledge of multimedia packages (Inadmissible subject: CP2412)	√		√		√	
	CP5607	Advanced Human Computer Interaction	Assumed Knowledge: Knowledge of at least one programming language and some knowledge of multimedia packages.	√		√		√	
	CP5608	Advanced Animation Techniques	Assumed Knowledge: Advanced knowledge of multimedia packages. (Inadmissible subject: CP2411)	√		√		√	
	CP5609	Intelligent Agents and Simulation	Assumed Knowledge: Advanced knowledge of Object Oriented programming packages.		√		√		√
Computing Major (Computing & Networking Major is no longer offered from SP51 2021 onwards)	CP5307	Advanced Mobile Technology	Pre-req: CP5639. (Assumed Knowledge: Proficiency in at least one programming language.) (Inadmissible subject: CP3406)	√		√		√	
	CP5601	Advanced Data Communications Principles	Pre-req: CP5631 or Admitted to MIT-MBA. (Assumed Knowledge: Basic knowledge of internet architecture.) (Inadmissible subject: CP2409)	√		√		√	
	CP5602	Advanced Algorithm Analysis	Pre-req: CP5639. (Assumed Knowledge: Proficiency in at least one programming language.)		√		√		
	CP5607	Advanced Human Computer Interaction	Assumed Knowledge: Knowledge of at least one programming language and some knowledge of multimedia packages.		√	√		√	
	CP5634	Data Mining	(Inadmissible subject: CP3403)	√	√		√	√	

(Select 1 Major)

Plus 2 <u>Level 5</u> subjects with CP or LB prefix. You can refer to below list for recommended subjects.

Plus 2 <u>Level 5</u> subjects from any Postgraduate programs. You can refer to below list for recommended subjects.

Subject Code	Subject Name	Pre-requisite and Inadmissable Subjects	SP51/24	TR2/24	TR3/24	TR1S/25	TR2/25	TR3/25
CP5080	Literature Review and Research Proposal			√		√		√
CP5030	Special Topics 1							√
CP5035	Special Topics 2		√		√		√	
CP5090	Scientific Research Methods	No pre-req. However, the subject is available only with the permission of the co-ordinator.	√		√			
LB5230	Managing Strategic Resources and Operations		√		√	√		√
LB5113	Corporate Strategy		√	√	√	√	√	√
LB5124	Business Innovation and Technology Management		√		√		√	
LB5237	Managerial Accounting for Decision Making		√	√	√	√	√	
LB5241	Leadership Futures		√		√		√	
LB5122	Marketing Strategy, Analytics and Development			√		√	√	√
LB5131	Business Consulting		√		√	√	√	
LB5132	Multinational Corporations and International Markets		√		√	√		
LB5133	Venture Capital & Entrepreneurship		√			√		
LB2212	Accounting and Finance for Managers		√		√		√	
LB5232	Digital Marketing	LB5202 or any Introductory Marketing subject	√		√		√	
LB5233	Innovation and Entrepreneurship	12 credit points of LB subjects		√		√		
LB5234	Leading and Managing Organisational Change		√		√		√	
LB5401	International Finance	Assumed Knowledge : Basic knowledge of economics	√		√		√	
LB5402	Performance Management and Appraisal	Assumed Knowledge : Basic knowledge of management	√		√		√	
LB5403	Project Management Principles and Foundations	Assumed Knowledge: Basic knowledge of management		√				√
CO5109	Corporate Finance			√		√		√
CO5231	Advanced Investment and Portfolio Analysis			√		√		√
TO5002	Tourism and the Environment				√		√	
TO5101	Tourism Systems Analysis			√			√	
TO5102	Tourism and Hospitality Operations Management			√			√	
TO5103	Global Destinations and Competitiveness		√			√		
TO5104	Tourist Management Strategies				√		√	
TO5105	Meetings, Incentives, Conferences and Events (MICE)	Assumed Knowledge : Business or Tourism and Hospitality background			√		√	
TO5106	Quality Customer Service		√			√		
TO5202	Economic Decision-Making in the Hospitality Industry			√			√	
TO5203	Hospitality and Gastronomy		√			√		

Note: Subject(s) with title(s) in Italic format reflects a recent name change with effect from SP53 2022 onwards.

Note: Changes that are recently made will be highlighted in yellow and/or red font.

Disclaimer: The above information is correct as below date. Due to unforeseen situation/s, there might be change/s done in subject offerings before each trimester. Your understanding is greatly appreciated.

Update on 11 Mar 2024

SUBJECTS OFFERED IN CAROUSEL / BLOCK INTAKES (SP82,84,86)

(Applicable for students whose first study period is in Carousel/Block intake i.e. SP82 or SP84 or SP86)

General Information
1) 1 Subject is equal to 3 credit points
2) The subject's level is indicated in the subject code after the prefix, eg: CP5639 = Level 5

IMPORTANT NOTE:

Maximum enrolment load 2 subjects in Carousell intakes

From the second study period onwards, all students must enrol in Trimester intakes (for eg: TR2/24, TR3/24, TR1/25)
 - For students who commences in SP82/24 , second study period will be TR2/24, followed by TR3/24, TR1S/25, etc.
 - For students who commences in SP84/24 , second study period will be TR3/24, followed by TR1S/25, TR2/25, etc.
 - For students who commences in SP86/24 , second study period will be TR1S/25, followed by TR2/25, TR3/25, etc. Please refer to page 1 to check subjects offering in TR1, TR2, TR3 intakes

MASTER OF INFROMATION TECHNOLOGY: CORE SUBJECTS			Year 2024
Subjects codes	Subject title	Pre-requisites	SP82, SP84, SP86
CP5639	Problem Solving and Programming I		✓
MASTER OF INFROMATION TECHNOLOGY: ELECTIVE SUBJECTS			Year 2024
Subjects codes	Subject title	Pre-requisites	SP82, SP84, SP86
LB5203	Sustainable Enterprise		✓
LB5241	Leadership Futures		✓

Notes:
Changes that are recently made will be highlighted in yellow and/or red fonts.
Subjects for 2025 will be made available by middle of 2024
Disclaimer: The above information is correct as below date. Due to unforeseen situation/s there might be change/s done in subject offerings before each trimester.

Updated on 26 December 2023