

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:



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	Inadmissible Subjects	Pre-requisite	Year 2023			Year 2024		
					SP51/23	SP52/23	SP53/23	SP51/24	TR2/24	TR3/24
Postgraduate Foundation Subjects	CP5631	Internet Fundamentals	CP1402		✓	✓	✓	✓	✓	✓
	CP5633	Database Modelling	CP2404		✓	✓		✓		✓
	CP5638	Web Design and Development	CP1406		✓		✓	✓		✓
	OR CP5636	e-Strategic Management	CP3401			✓	✓		✓	✓
	CP5639	Problem Solving and Programming I	CP1401		✓	✓	✓	✓	✓	✓
General Core Subjects	CP5603	Advanced E-Security	CP3404	Pre-req: CP5631 or Admitted to MIT-MBA. (Assumed Knowledge: Basic knowledge of Internet architecture.)	✓	✓		✓		✓
	CP5046	ICT Project 1: Analysis and Design		Pre-req: 9 credit points of Level 5 CP subjects.	✓	✓	✓	✓	✓	✓
	CP5047	ICT Project 2: Implementation and Commissioning		Pre-req: CP5046	✓	✓	✓	✓	✓	✓
Select 1 Major	Business Informatics Major	CP5310	E-Business Technologies	No Pre-req. (Assumed Knowledge: Basic relational database principles and have facility with at least one programming language.)	✓		✓		✓	✓
		CP5503	Enterprise Database Systems - Oracle	No Pre-req. (Assumed Knowledge: Basic knowledge of relational database principles.)	✓		✓		✓	
		CO5124	Data Analysis and Decision Modelling	No Pre-req. (Assumed Knowledge: Capability with Excel or similar spreadsheet package.)	✓		✓	✓		✓
		CP5634	Data Mining	CP3403	✓	✓		✓	✓	
		CP5520	Advanced Databases and Applications	No Pre-req. (Assumed Knowledge: Successfully complete CP1500 or have equivalent knowledge through other study or professional experience.)	✓		✓		✓	
	Interactive Technologies & Games Design Major	CP5310	E-Business Technologies	No Pre-req. (Assumed Knowledge: Basic relational database principles and have facility with at least one programming language.)	✓		✓		✓	✓
		CP5604	Advanced Game Design	CP2412		✓		✓		✓
		CP5607	Advanced Human Computer Interaction	No Pre-req. (Assumed Knowledge: Knowledge of at least one programming language and some knowledge of multimedia packages.)		✓	✓		✓	✓
		CP5608	Advanced Animation Techniques	CP2411		✓		✓		✓
	Computing Major (Computing & Networking Major is no longer offered from SP51 2021 onwards)	CP5609	Intelligent Agents and Simulation	No Pre-req. (Assumed Knowledge: Advanced knowledge of Object Oriented programming packages.)	✓		✓		✓	
		CP5307	Advanced Mobile Technology	CP3406	Pre-req: CP5639. (Assumed Knowledge: Proficiency in at least one programming language.)		✓	✓		✓
		CP5601	Advanced Data Communications Principles	CP2409	Pre-req: CP5631 or Admitted to MIT-MBA. (Assumed Knowledge: Basic knowledge of Internet architecture.)		✓	✓		✓
		CP5602	Advanced Algorithm Analysis	Pre-req: CP5639. (Assumed Knowledge: Proficiency in at least one programming language.)	✓		✓		✓	
		CP5607	Advanced Human Computer Interaction	No pre-req. (Assumed Knowledge: Knowledge of at least one programming language and some knowledge of multimedia packages.)		✓	✓		✓	✓
		CP5634	Data Mining	CP3403	✓	✓		✓	✓	

Plus 2 **Level 5** subjects with CP or LB prefix. You can refer to below list for recommended subjects.

Plus 2 **Level 5** subjects from any Postgraduate programs. You can refer to below list for recommended subjects.

Subject Code	Subject Name	Inadmissible Subjects	Pre-requisite	Year 2023			Year 2024		
				SP51/23	SP52/23	SP53/23	SP51/24	TR2/24	TR3/24
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 and Entrepreneurship			✓			✓		
LB5212	Accounting and Finance for Managers				✓			✓	
LB5232	Digital Marketing		Pre-req: LB5202 or any Introductory Marketing subject	✓		✓		✓	✓
LB5233	Innovation and Entrepreneurship		Pre-req: 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: 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 13 Dec 2023

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, TR1/25, etc.
- For students who commences in SP84/24 , second study period will be TR3/24, followed by TR1/25, TR2/25, etc.
- For students who commences in SP86/24 , second study period will be TR1/25, followed by TR2/25, TR3/25, etc.

Please refer to page 1 to check subjects offering in TR1, TR2, TR3 intakes

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

Notes:

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Subjects for 2025 will be made available by middle of 2024

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Updated on 26 December 2023