

**STUDY PLAN FOR  
MASTER OF INFORMATION TECHNOLOGY**



**COURSE STRUCTURE FOR MASTER OF INFORMATION TECHNOLOGY**



**GENERAL INFORMATION**

1) 1 subject is equivalent to 3 credit points.

	Subject Code	Subject Name	Inadmissible Subjects	Pre-requisite	Year 2023			Year 2024		
					SP51/23	SP52/23	SP53/23	SP51/24	SP52/24	SP53/24
PostGraduate Foundation Subjects	CP5631	Internet Fundamentals	CP1402, CP1802		✓	✓	✓	✓	✓	✓
	CP5633	Database Modelling	CP2404		✓	✓		✓		✓
	OR CP5638	Web Design and Development	CP1406, CP1806		✓		✓	✓		✓
	OR CP5636	e-Strategic Management	CP3401			✓	✓	✓	✓	✓
	CP5639	Problem Solving and Programming I	CP1401, CP1801		✓	✓	✓	✓	✓	✓
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	✓	✓		✓	✓	✓
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	No Pre-req.	✓	✓		✓	✓	
	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	No Pre-req. (Assumed Knowledge: Knowledge of at least one programming language and some knowledge of multimedia packages.)		✓		✓		✓
	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	No Pre-req. (Assumed Knowledge: Advanced knowledge of multimedia packages.)		✓		✓		✓
Computing Major (Computing & Networking Major is no longer offered from SP51 2021 onwards)	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	No Pre-req.	✓	✓		✓	✓	

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	SP52/24	SP53/24
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 coordinator.		✓		✓		✓
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 & 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.

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.

Updated on 12 December 2022