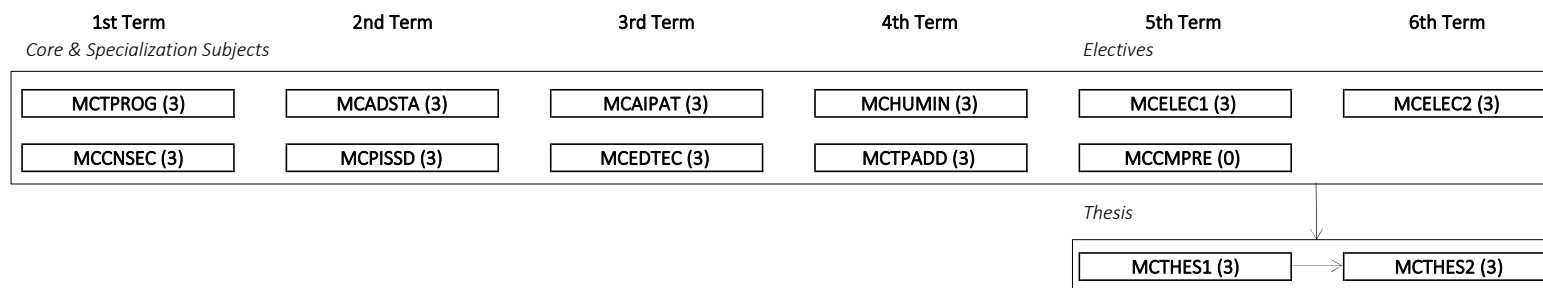Asia Pacific College
School of Computing and Information Technologies
Graduate Programs - Master of Science in Computer Science

Curriculum Flowchart
AY 2023-2024

1st Term	2nd Term	3rd Term	4th Term	5th Term	6th Term

Core & Specialization Subjects   *Electives*

MCTPROG (3)	MCADSTA (3)	MCAIPAT (3)	MCHUMIN (3)	MCELEC1 (3)	MCELEC2 (3)
MCCNSEC (3)	MCPISSD (3)	MCEDTEC (3)	MCTPADD (3)	MCCMPRE (0)	

Thesis

MCTHES1 (3)	→	MCTHES2 (3)

SUBJECT CODE	UNITS	DESCRIPTION
Core Subjects		
MCTPROG	3	Theory of Programming Languages
MCADSTA	3	Advanced Data Structures and Algorithms
MCCNSEC	3	Computer Network and Security
MCPISSD	3	Principles of Infromation Systems and Software Development
Specialization Subjects		
MCAIPAT	3	Artificial Intelligence Principles and Techniques
MCEDTEC	3	Conceptual Foundations of Educational Technology
MCTPADD	3	Transaction Processing and Distributed Databases
MCHUMIN	3	Human-Computer Interaction Design

Electives   *May choose any 2 from the following:*

MCELEC1	3	1. Introduction to Cognitive Science MCCOGSC
MCELEC2	3	2. Design of Online Communities MCDESOC
		3. Introduction to Cryptography MCINCRY
		4. Natural Language Processing MCNATLA

5. Secure Web Programming   MCSECWB
6. Machine Learning   MCMACLE
7. User Interface and User Experience   MCUIAUE
8. Internet Computing Applications   MCICAPP

Comprehensive Exam

MCCMPRE	0	Comprehensive Exam

Thesis Writing

MCTHES1	3	Thesis Writing and Presentation
MCTHES2	3	
Total	36	