

Master of Computer Applications

School of Computer Science Engineering and Information Systems

Programme Credit Structure	Credits
University Core Courses	37
Professional Core Courses	28
Professional Elective Courses	12
Open Elective Courses	03
Total Graded Credit Requirement	80

University Core Courses	37
	L T P C
PAENG501 Technical Report Writing	1 0 4 3
PASTS501 Competitive Coding I	3 0 0 3
PASTS502 Competitive Coding II	3 0 0 3
PASET697 Project Work	0 0 16 8
PAMCA698 Internship I/ Dissertation I	0 0 20 10
PAMCA699 Internship II/ Dissertation II	0 0 20 10

Professional Core Courses	28
PAMAT501 Probability and Statistics	3 1 0 4
PAMCA501 Data Structures and Algorithms	3 0 2 4
PAMCA502 Java Programming	3 0 2 4
PAMCA503 Database Management Systems	3 0 2 4
PAMCA504 Machine Learning	3 0 2 4
PAMCA505 Software Engineering	3 1 0 4
PAMCA506 Full Stack Web Development	3 2 0 4

Professional Elective Courses	12
PAMCA601 Cloud Computing	3 1 0 4
PAMCA602 Python for Data Science	3 0 2 4
PAMCA603 Mobile Application Design and Development	3 0 2 4
PAMCA604 Cybersecurity	3 1 0 4
PAMCA605 Deep Learning	3 0 2 4
PAMCA606 Generative AI	3 0 2 4
PAMCA607 Mining of Massive Dataset	3 0 2 4
PAMCA608 System Design	3 1 0 4

Open Elective Courses	03
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Engineering | Sciences | Humanities | Social Sciences | Economics | Finance | Management