DEGREE OF MASTER OF ENGINEERING IN COMPUTING SCIENCE (04I10154)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Award of an Undergraduate Master's Degree

All the courses listed below are prescribed for this degree

PROGRAMME YEAR 1 – 120 Credit Points					
First Half Session			Second Half Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
PD 1001	Professional Skills Part 1	0	CS 1520	Computer Architecture	15
CS 1028	Programming for Sciences and Engineering	15	CS 1527	Object Oriented Programming	15
CS 1029	Modelling and Problem Solving for Computing	15	*EITHER* MA 1510	Combinatorics	15
MA 1006	Algebra	15	*OR* MA 1511	Set Theory	15
Plus 30 credit points from courses of choice.					

PROGRAMME YEAR 2 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
CS 2013	Mathematics for Computing Science	15	CS 2506	Human - Computer Interaction	15
CS 2018	Introduction to Data Management for Data Science	15	CS 2510	Modern Programming Languages	15
			CS 2521	Algorithmic Problem Solving	15
Plus 45 credit points from courses of choice.					

PROGRAMME YEAR 2 – 120 Credit Points (DIRECT ENTRY)					
First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
CS 2013	Mathematics for Computing Science	15	CS 1520	Computer Architecture	15
			CS 2506	Human - Computer Interaction	15
CS 2018	Introduction to Data Management for Data Science	15	CS 2510	Modern Programming Languages	15
			CS 2521	Algorithmic Problem Solving	15
Plus 30 credit points from courses of choice.					

PROGRAMME YEAR 3 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
CS 3025	Knowledge-Based Systems	15	CS 3524	Distributed Systems and Security	15
CS 3028	Principles of Software Engineering	15	CS 3528	Software Engineering and Professional Practice	15
CS 3026	Operating Systems	15	CS 3518	Languages and Computability	15
			CS 3525	Enterprise Computing and Business	15
Plus 15 credit points from courses of choice.					

PROGRAMME YEAR 4 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit points**	**Course Code**	**Course Title**	**Credit points**
CS 4040	Research Methods	15	CS 4529	Single Honours Computing Project	60
Plus 30 credits from level 4 Computing Science courses.					
Plus 15 credit points from courses of choice.					

PROGRAMME YEAR 5 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit points**	**Course Code**	**Course Title**	**Credit points**
60 Credits from any four level 5 Computing Science courses.			CS 551M	MEng Informatics Project	60

Notes	
1.	Honours programme may only be taken by full-time study.