Kenya Methodist University

School of Science and Technology

Department of Pure and Applied Sciences

Bachelor of Science in Mathematics and Computer Science

YEAR	SEMESTER	S/No.	Course Code	Course Title	Credits	Equivalent
ONE	ONE	1	COMP 101	Introduction to Computer Science	3	CISY 101
		2	COMP 110	Introduction to Programming	3	CISY 110
		3	MATH 102	Foundations of Mathematics	3	
		4	MATH 103	Calculus I	3	
		5	SOST 131	Introduction to Sociology	3	
		6	THEO 111	Christian Beliefs	3	
					18	
	TWO	1	COMM 111	Communication Skills	3	
		2	COMP 104	Analogue Electronics	3	CISY 104
		3	COMP 111	Structured Programming	3	CISY 111
		4	MATH 104	Calculus II	3	
		5	MATH 110	Linear Algebra I	3	
		6	MATH 132	Probability and Statistics I	3	
					18	
TWO	ONE	1	COMP 131	Introduction to Computer Networks	3	CISY 131
		2	COMP 211	Object Oriented Programming	3	CISY 210
		3	COMP 231	Telecommunication Networks	3	CISY 231
		4	MATH 200	Calculus III	3	
		5	MATH 210	Linear Algebra II	3	
		6	MATH 230	Probability and Statistics II	3	
					18	
	TWO	1	COMP 201	Computer Organization and Architecture	3	CISY 201
		2	COMP 210	Data Structures	3	CISY 212
		3	COMP 220	System Analysis and Design	3	CISY 222
		4	HSCI 225			

B.	COMPUTER NETWORKS					
FOUR	ONE	1				