KENYA METHODIST UNIVERSITY
COMPUTER SCIENCE DEPARTMENT
MSc. CIS COURSE STRUCTURE

MSc CIS Programme Structure			
Year of Study	**Course Code**	**Course Title**	**credit hours**
FIRST YEAR	**First Trimester**		
	MISG 610	Object Oriented Systems Analysis and Design	3
	MISG 611	Research Methods	3
	NTWG 610	Cloud Computing	3
	ISEC 610	Information Systems Ethics and Security	3
		Sub-Total	**12**
	Second Trimester		
	MMIS 620	Information Systems Strategy	3
	MISG 620	Statistical Methods in IS	3
	MISG 621	Project Management	3
	MISG 622	Knowledge Management	3
		Sub-Total	**12**
	Third Trimester (COURSES FOR SPECIFIC SPECIALIZATIONS)		
	Specialization I: Information Systems Management		
	MMIS 630	Business Intelligence	3
	MMIS 631	Enterprise Resource Planning (ERP)	3
	MMIS 632	Technology Management and Innovation	3
	MISG 612	Global IS Sourcing and BPO	3
		Sub-Total	**12**
	Specialization II: Networking		
	NTWG 630	Network Design and Management	3
	NTWG 631	Distributed Systems Architecture and Design	3
	NTWG 632	Wireless Communication Technologies	3
	NTWG 633	Networking Protocols and Design	3
		Sub-Total	**12**
	Specialization III: Information Systems Security		
	ISEC 630	Information Systems Security Audit	3
	ISEC 631	Computer Security and Data Protection	3
	ISEC 632	Digital Forensics	3
	ISEC 633	Information Systems Security Governance	3
		Sub-Total	**12**
Year TWO	**Trimester One**		
	MISG 640	IS Seminar	3
	MCSR 650	Research Thesis	12
		Sub-Total	**15**
	Total Credit Hours for Programme		**51**