

**KENYA METHODIST UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE
NAIROBI CAMPUS TEACHING LOAD
3rd TRIMESTER 2022**

Bachelor of Science Computer Information Systems and Bachelor of Business Information Technology				
CATEGORY A: COMPUTER SCIENCE UNITS				
S/No.	Course Code(s)	Course Title	Full time, DL	Part time
1.	BBIT 111/ CISY 101/DBIT 120/DCIS 101/MISC 116/BSIS 113/COMP 101/MISC 101	Introduction to Computer Systems	✓	✓
2.	BBIT 121/ CISY 110/DBIT 121/DCIS 110	Introduction to Programming	✓	✓
3.	CISY 111/BBIT 222/COMP 111	Structured Programming	✓	✓
4.	BBIT 112/CISY 201/DCIS 105/DBIT 210	Computer Organization and Architecture	✓	✓
5.	BBIT 241/CISY 131/DCIS 121/DBIT 223	Introduction to Computer Networks	✓	✓
6.	BBIT 231/ CISY 222/DBIT 124/DCIS 104	Systems Analysis and Design	✓	N/A
7.	BBIT 232/CISY 221/DCIS 106/DBIT 221	Database Systems	✓	N/A
8.	BBIT 242/CISY 231	Telecommunication Networks I	✓	✓
9.	CISY 303/DBIT 123/DCIS 103	Computer Hardware and Maintenance	✓	N/A

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S/No.	Course Code(s)	Course Title	Full time, DL	Part time
10.	BBIT 324/CISY 212	Data Structures and Algorithms	✓	N/A
11.	BBIT213/CISY300	Computer Operating Systems I	✓	✓
12.	BBIT 334/ CISY 321	Software Engineering Principles	✓	N/A
13.	BBIT 314/ BSIS 430	Human Computer Interaction	✓	N/A
14.	BBIT 325/ CISY 311	Application Programming for the Internet	✓	✓
15.	BBIT 335/ CISY 411	Object Oriented Analysis and Design	✓	N/A
16.	BBIT 410/ CISY 400	Industrial Attachment	✓	N/A
17.	BBIT 411/ CISY 401	Research Project	✓	N/A
18.	BBIT 445/ CISY 331	Network Administration I	✓	N/A
19.	BBIT 315/ CISY 404	ICT Project Management	✓	✓
20.	BBIT 437	Accounting Information Systems	✓	N/A
21.	BBIT 436/CISY 428	E – Commerce	✓	N/A
22.	BBIT 438/CISY 421	Management Information Systems	✓	✓
23.	BBIT 443/ CISY 431/BICT 428	Information Systems Security	✓	N/A
24.	BBIT 333/CISY 422	Introduction to Artificial Intelligence	✓	N/A
25.	CISY 423/BBIT 432/BSIS 315	Advanced Database Management Systems	✓	N/A

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26.	CISY302/BBIT316/BSIS423	Research Methods	✓	✓
27.	BBIT 418	Knowledge Management	IS	IS
28.	BBIT 446/CISY 332/COMP 444	Network Hardware and Configuration	✓	✓
29.	CISY 432/BBIT 448	Distributed Systems	✓	N/A
Diploma in Computer Information Systems and Diploma in Business Information Technology				
1.	DBIT 120/DCIS 101	Introduction to Computer Systems	✓	✓
2.	DCIS 105/DBIT 125	Computer Organization and Architecture	✓	✓
3.	DCIS 106/DBIT 221	Database Design and Implementation	✓	N/A
4.	DCIS 121/DBIT 223	Computer Networks	✓	✓
5.	DBIT 220/DCIS 202	Statistical Data Analysis	✓	✓
6.	DCIS 211/DBIT 225	Event Driven Programming	✓	✓
7.	DCIS 220	Network Design and Configuration	✓	✓
8.	DCIS 221	Advanced Web Design	✓	✓
9.	DCIS 203/DBIT 222	I.T. Project Management	✓	✓
10.	DBIT 125/DCIS 201	Operating Systems	✓	✓

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S/No.	Course Code(s)	Course Title	Full time, DL	Part time
Master of Science in Computer Information System				
1.	MISG 640	IS Seminar	N/A	✓
2.	MMIS 631	Information Systems Strategy	N/A	✓
3.	MISG 620	Statistical Methods in IS	N/A	✓
4.	MISG 621	Project Management	N/A	✓
5.	MISG 622	Knowledge Management	N/A	✓
6.	ISEC 630	Information Systems Security Audit	N/A	✓
7.	ISEC 631	Computer Security and Data Protection	N/A	✓
8.	ISEC 632	Digital Forensics	N/A	✓
9.	ISEC 633	Information Systems Security Governance	N/A	✓
MATH COURSES				
1.	MATH 102	Foundation of Mathematics	✓	✓
2.	MATH 103	Calculus I	✓	✓
3.	MATH 104	Calculus II	✓	N/A
4.	MATH 110	Linear Algebra I	✓	✓
5.	MATH 132	Probability and Statistics I	✓	✓

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S/No.	Course Code(s)	Course Title	Full time, DL	Part time
6.	MATH 230	Probability and Statistics II	✓	N/A
7.	CISY 104/DCIS 102	Analog Electronics	✓	N/A
8.	DCIS 102	Basic Electronics	✓	N/A