

Computer Science Department
Nairobi Campus
Courses on offer 1st Trimester 2017

Notes

1. Please select courses as per academic program. Download link <http://www.kemu.ac.ke/index.php/pro-student/academic-programmes>
2. Those who have already registered for research proposal stage should not register for execution stage. The two courses are now combined to 6 Credit hours, After defending your proposal Chapters(1-4) as per guidelines you will have Proposal marks (CAT-40), and after Execution you get the remaining (Exam-60).
3. Keep track of all the core units and elective units.
4. Department Communications are available at : <http://www.kemu.ac.ke> - Nairobi campus announcements
5. The list below shows key department activities and coordinators
 - i. Project Supervision(proposal and Execution): Jecton Tocho
 - ii. Internship Allocation: Peterson Ontunya and Grace Mwangi
 - iii. Exam matters: Patrick Kinoti
 - iv. Credit Transfer and DLM: Robert Mutua
 - v. Postgraduate(MCIS) : Adrian Kamotho

SN	BACHELOR, DIPLOMA AND MASTERS COURSES		MODE OF STUDY		
	COURSE CODE	COURSE TITLE	FT	PT	DLM
1.	BBIT 111/MISC 116/ CISY 101/COMP 101/DBIT 120/DCIS 101	Introduction to Information Systems	√	√	√
2.	BBIT 121/CISY 110/COMP 110/BSIS 113/MISC 431/DCIS - 110/DBIT 121	Introduction to Programming	√	√	√
3.	BBIT - 222/CISY - 111/COMP 111	Structured Programming	√	√	√
4.	BBIT 232/CISY221/ COMP 340/ BSIS 115/DBIT221/DCIS106	Database Systems	√	√	√
5.	BBIT 241/CISY 131/COMP 131/MISC 434/ BICT 323/DBIT223/DCIS121	Introduction to Computer Networks	√	√	√

6.	BBIT 315/CISY 404/DBIT 222/DCIS203	IT Project Management	√	√	√
7.	BBIT - 324/CISY 212/COMP 210	Data Structures and Algorithms	√	√	√
8.	BBIT 325/CISY 311/COMP 311/BSIS 427/DCIS 221	Application Programming for Internet	√	√	√
9.	BBIT 333/CISY 422/COMP 440	Artificial Intelligence	√	√	√
10.	BBIT 334/CISY 321/ COMP 420	Software Engineering Principals	√	√	√
11.	BBIT 335/CISY 411/COMP 442	Object Oriented Analysis and Design	√	√	√
12.	BBIT 436/CISY 428	E - Commerce	√	√	√
13.	BBIT 438/CISY 421/COMP 312/BSIS 316/MISC 322	Management Information Systems	√	√	√
14.	BBIT 443/CISY 431/COMP 445	Information System Security and Audit	√	√	√
15.	CISY - 210/BBIT 223/COMP 211/BICT 320	Object Oriented Programming	√	√	√
16.	CISY 300/BBIT - 213/COMP 300/DBIT 125/DCIS 201	Operating Systems I	√	√	√
17.	CISY 302/BBIT 316/COMP 304/BSIS 423/NRSG 420/MLSC 302	Research Methodology	√	√	√
18.	CISY 303/COMP 303/DCIS 103/DBIT 123	Computer Hardware and Maintenance	√	-	√
19.	CISY 304/BBIT 419	Computer operating Systems II	-	√	√
20.	CISY 310/BBIT 426/COMP 311	Advanced Programming	-	√	√
21.	CISY 331/BBIT 445/DCIS 222	Network Administration I	√	√	√
22.	CISY 435	Network Administration II	-	√	√
23.	CISY 332/BBIT 446/COMP 444/DCIS 220	Network Hardware and Configuration	-	√	√
24.	CISY 432/BBIT 448/COMP 443	Distributed Systems	√	√	√
25.	CISY 433/BBIT 447/COMP 447	Cryptography and Network Security	-	√	√
26.	CISY 204	Digital Electronics	-	√	√
27.	CISY 400/BBIT 410	Industrial Attachment	√	√	√
28.	CISY 401/BBIT 411	Research Project	√	√	√
29.	COMP 100	Computer Applications	√	√	√
30.	PHYS 200	Electricity and Magnetism	-	√	√
31.	DBIT 126/DCIS 107	Office Applications	-	√	√
32.	DBIT 220/DCIS 202	Statistical Data Analysis	-	√	√

33.	DBIT 227/DCIS 206	Emerging Technologies in ICT	-	√	-
34.	DCIS 204/DBIT 224 / MISC 033	Information System Management	√	√	-
35.	DCIS 211/DBIT 225	Event Driven Programming	-	√	-
36.	DPBA 020/COMP 016	Computer Applications	√	√	-
37.	DCIS 205	I.T User Support	-	√	-
38.	DCIS 207/DBIT 226	Research Project	√	√	-
39.	DCIS 300/DBIT 300	Industrial Attachment	√	√	-
40.	MATH 102	Foundation of Mathematics	√	√	√
41.	MATH 103	Calculus I	-	√	√
42.	MATH 130/BSIS 205	Basic Statistics	√	√	√
43.	MATH 132	Probability and Statistics I	√	√	√
44.	MATH211	Discrete Structures	-	√	√
45.	MATH 230	Probability and Statistics II	-	√	√
46.	MATH 231	Biostatistics	-	√	√
MCIS					
47.	MISG 610	OOAD		√	
48.	MISG 611	Research Methods		√	
49.	NTWG 630	Cloud Computing		√	
50.	ISEC 610	Information system Ethics and Security		√	
51.	ISEC 630	Information Systems Security Audit		√	
52.	ISEC 631	Computer Security and Data Protection		√	
53.	ISEC 632	Digital Forensics		√	
54.	ISEC 633	Information Systems Security Governance		√	

55.	MISG 640	IS seminar		✓	
61	MISG 650	Research Thesis		✓	