

KENYA METHODIST UNIVERSITY
DEPARTMENTS OF INFORMATION TECHNOLOGY AND COMPUTER SCIENCE
NAIROBI CAMPUS FULLTIME

COURSES ON OFFER TRIMESTER 3 2025

Bachelor of Science in Computer Information Systems		
Cohort	Course Code	Course Title
First Year Trimester 1	SOST 131	Introduction to Sociology
Enrolled Trim 3 2025 Without Credit Exemption	CISY 101	Introduction to Computer Systems
	ENVI 201	Environmental Science
	MATH 102	Foundation of Mathematics
	BUSS 114	Entrepreneurship
	COMM 111	Communication Skills
First Year Trimester 1	THEO 111	Christian Beliefs
Enrolled Trim 3 2025 With Credit Exemption	SOST 131	Introduction to Sociology
	CISY 111	Structured Programming
	HSCI 225	HIV/AIDS
	ENVI 201	Environmental Science
	CISY 231	Telecommunication Networks I
First Year Trimester 2	MATH 132	Probability and Statistics I
Enrolled Trim 2 2025 Without Credit Exemption	CISY 110	Introduction to Programming
	CISY 131	Introduction to Computer Networks
	MATH 104	Calculus II
	CISY 221	Database Systems
	HSCI 225	HIV/AIDS
First Year Trimester 2	MATH 104	Calculus II
Enrolled Trim 2 2025 With Credit Exemption	CISY 210	Object Oriented Programming
	CISY 212	Data Structures and Algorithms

	CISY 303	Computer Hardware and Maintenance
	CISY 302	Research Methodology
	CISY 421	Management Information Systems
Second Year Trimester 1		
Enrolled Trim 1 2025 Without Credit Exemption	CISY 111	Structured Programming
	CISY 131	Introduction to Computer Networks
	MATH 104	Calculus II
	CISY 221	Database Systems
	CISY 222	Systems Analysis and Design
	CISY 201	Computer Organization and Architecture
Second Year Trimester 1	CISY 210/BBIT 223	Object Oriented Programming
Enrolled Trim 1 2025 With Credit Exemption	MATH 104	Calculus II
	CISY 303	Computer Hardware and Maintenance
	CISY 311	Internet Applications and Programming
	CISY 104	Analog Electronics
	CISY 332	Network Hardware and Configuration
Second Year Trimester 2	CISY 210/BBIT 223	Object Oriented Programming
Enrolled Trim 3 2024 Without Credit Exemption	CISY 222	Systems Analysis and Design
	CISY 201	Computer Organization and Architecture
	MATH 230	Probability and Statistics II
	CISY 303	Computer Hardware and Maintenance
	CISY 104	Analog Electronics
Second Year Trimester 2	CISY 201	Computer Organization and Architecture
Enrolled Trim 3 2024 With Credit Exemption	MATH 110	Linear Algebra 1
	CISY 310	Advanced Programming
	CISY 311	Internet Applications and Programming
	CISY 403	Simulation and Modeling
	CISY 332	Network Hardware and Configuration
Third Year Trimester 1	CISY 201	Computer Organization and Architecture
Enrolled Trim 2 2024 Without Credit Exemption	MATH 110	Linear Algebra 1
	CISY 303	Computer Hardware and Maintenance
	CISY 204	Digital Electronics
	CISY 310	Advanced Programming



	CISY 311	Internet Applications and Programming
Third Year Trimester 1		
Enrolled Trim 2 2024 With Credit Exemption	CISY 310	Advanced Programming
	CISY 403	Simulation and Modeling
	CISY 401	Research Project
	CISY 421	Management Information Systems
	CISY 332	Network Hardware and Configuration
	CISY 426	Multimedia Systems
Third Year Trimester 2		
Enrolled Trim 1 2024 Without Credit Exemption	CISY 201	Computer Organization and Architecture
	CISY 321	Software Engineering Principles
	CISY 204	Digital Electronics
	CISY 310	Advanced Programming
	MATH 330	Operations Research for Computer Scientists
	CISY 332	Network Hardware and Configuration
Third Year Trimester 2		
Enrolled Trim 1 2024 With Credit Exemption	CISY 310	Advanced Programming
	CISY 403	Simulation and Modeling
	CISY 431	Information Systems Security
	CISY 401	Research Project
	CISY 332	Network Hardware and Configuration
	CISY 404	ICT Project Management
Fourth Year Trimester 1		
Enrolled Trim 3 2023 Without Credit Exemption	CISY 310	Advanced Programming
	MATH 330	Operations Research for Computer Scientists
	CISY 400	Industrial Attachment
	CISY 401	Research Project
	CISY 404	ICT Project Management
	BUSS 420	Strategic Management
Fourth Year Trimester 1		
Enrolled Trim 3 2023 With Credit Exemption	CISY 332	Network Hardware and Configuration
	BUSS 420	Strategic Management
	CISY 428	E-commerce
	CISY 432	Distributed Systems
	CISY 333	Wireless Communication
	CISY 404	ICT Project Management



Fourth Year Trimester 2	CISY 403	Simulation and Modeling
Enrolled Trim 2 2023 Without Credit Exemption	CISY 431	Information Systems Security
	MATH 330	Operations Research for Computer Scientists
	BBIT 446	Network Hardware and Configuration
	CISY 401	Research Project
	CISY 411	Object Oriented Analysis and Design
Bachelor of Business Information Technology		
Cohort	Course Code	Course Title
First Year Trimester 1	COMM 111	Communication Skills
Enrolled Trim-3-2025 Without Credit Exemption	BBIT 111	Introduction to Business Information Systems
	ECON 101	Principles of Microeconomics
	BUSS 100	Principles of Management
	MATH 102	Foundation of Mathematics
	HSCI 225	HIV/AIDS
First Year Trimester 1	THEO 111	Christian beliefs
Enrolled Trim 3-2025 With Credit Exemption	ENVI 201	Environmental Science
	ECON 102	Macroeconomics
	HCSI 225	HIV/AIDS
	BBIT 222	Structured Programming
	SOST 131	Introduction to Sociology
First Year Trimester 2	THEO 111	Christian beliefs
Enrolled Trim-2-2025 Without Credit Exemption	BBIT 121	Introduction to Programming
	ACCT 112	Principles of Accounting
	BBIT 231	Systems Analysis and Design
	BBIT 232	Database Systems
	BBIT 241	Introduction to Computer Networks
First Year Trimester 2	MKTG 218	Principles of Marketing
Enrolled Trim-2-2025 With Credit Exemption	MATH 330	Operations Research for Business
	BBIT 333	Introduction to Artificial Intelligence
	BBIT 112	Computer Organization and Architecture
	BBIT 314	Human Computer Interaction
	FINA 213	Financial Management I
Second Year Trimester 1	BBIT 222	Structured Programming
Enrolled Trim-1-2025 Without Credit Exemption	BBIT 231	Systems Analysis and Design
	BBIT 232	Database Systems



	BBIT 241	Introduction to Computer Networks
	SOST 131	Introduction to Sociology
	MKTG 218	Principles of Marketing
Second Year Trimester 1		
Enrolled Trim-1-2025 With Credit Exemption	BUSS 212	Business Law I
	MATH 330	Operations Research for Business
	BBIT 333	Introduction to Artificial Intelligence
	BBIT 112	Computer Organization and Architecture
	BBIT 314	Human Computer Interaction
	BBIT 316	Research Methodology
Second Year Trimester 2		
Enrolled Trim-3-2024 Without Credit Exemption	ECON 102	Macroeconomics
	ENVI 201	Environmental Science
	MATH 330	Operations Research for Business
	BBIT 333	Introduction to Artificial Intelligence
	BBIT 112	Computer Organization and Architecture
	BBIT 314	Human Computer Interaction
Second Year Trimester 2		
Enrolled Trim-3-2024 With Credit Exemption	BUSS 212	Business Law I
	BBIT 112	Computer Organization and Architecture
	BBIT 316	Research Methodology
	BBIT 325	Application Programming for the Internet
	BBIT 446	Network Hardware and Configuration
	ACCT 219	Cost Accounting
Third Year Trimester 1		
Enrolled Trim-2-2024 Without Credit Exemption	MATH 330	Operations Research for Business
	BBIT 333	Introduction to Artificial Intelligence
	BBIT 112	Computer Organization and Architecture
	BBIT 314	Human Computer Interaction
	BBIT 316	Research Methodology
	BBIT 335	Object-Oriented Analysis and Design
Third Year Trimester 1		
Enrolled Trim-2-2024 With Credit Exemption	BUSS 326	Organizational Behavior
	BBIT 112	Computer Organization and Architecture
	BBIT 446	Network Hardware and Configuration
	BBIT 432	Advanced Database Systems
	BBIT 444	Wireless Communications
	BBIT 334	Software Engineering Principles



Third Year Trimester 2	BUSS 212	Business Law I
Enrolled Trim-1-2024 Without Credit Exemption	BBIT 112	Computer Organization and Architecture
	BBIT 316	Research Methodology
	BBIT 325	Application Programming for the Internet
	BBIT 446	Network Hardware and Configuration
	CISY 423	Advanced Database Systems
Third Year Trimester 2	BBIT 112	Computer Organization and Architecture
Enrolled Trim-1-2024 With Credit Exemption	BBIT 410	Industrial Attachment
	BBIT 436	E-Commerce
	BBIT 446	Network Hardware and Configuration
	BBIT 411	IT Research Project
	BBIT 315	Project Management in Business
Fourth Year Trimester 1	BUSS 212	Business Law I
Enrolled Trim-3-2023 Without Credit Exemption	BBIT 436	E-Commerce
	BBIT 438	Management Information Systems
	BBIT 432	Advanced Database Systems
	BBIT 315	Project Management in Business
	BBIT 417	Simulation and Modeling
Fourth Year Trimester 1	BUSS 326	Organizational Behavior
Enrolled Trim-3-2023 With Credit Exemption	BBIT 112	Computer Organization and Architecture
	BBIT 446	Network Hardware and Configuration
	BBIT 437	Accounting Information Systems
	CISY 423	Advanced Database Systems
	BBIT 445	Network Administration 1
Fourth Year Trimester 2	BBIT 446	Network Hardware and Configuration
Enrolled Trim-2-2023 Without Credit Exemption	BBIT 411	IT Research Project
	BUSS 114	Entrepreneurship
	BBIT 315	Project Management in Business
	BUSS 326	Organizational Behavior
	BBIT 112	Computer Organization and Architecture
	BBIT 410	Industrial Attachment
Diploma in Computer Information Systems		
Cohort		
First Year Trimester 1	Course Code	Course Title
Enrolled Trim-3-2025	DCIS 101	Introduction to Computer Systems
	MATH 102	Foundation of Mathematics
	DCIS 120	Introduction to Internet and Web Design



	BUSS 025	Business Communication
	ENTR 032	Entrepreneurship
	DCIS 107	Office Applications
First Year Trimester 2		
Enrolled Trim-2-2025	DCIS 103	Computer Hardware and Maintenance
	DCIS 104	System Analysis and Design
	DCIS 106	Database Design and Implementation
	DCIS 110	Introduction to Programming
	DCIS 121	Computer Networks
	DCIS 202	Statistical Data Analysis
Second Year Trimester 1		
Enrolled Trim-1-2025	DCIS 205	I.T User Support
	DCIS 104	System Analysis and Design
	DCIS 121	Computer Networks
	DCIS 220	Network Design and Configuration
	DCIS 221	Advanced Web Design
	DCIS 204	Information System Management
Second Year Trimester 2		
Enrolled Trim-3-2024	DCIS 220	Network Design and Configuration
	DCIS 222	Network Administration and Management
	DCIS 204	Information System Management
	ENTR 032	Entrepreneurship
	DCIS 206	IS Project
	DCIS 207	Emerging technologies in ICT
	DCIS 300	Industrial Attachment
Diploma in Business Information Technology Cohort		
	Course Code	Course Title
First Year Trimester 1	DBIT 120	Introduction to Computer Systems
Enrolled Trim-3-2025	MATH 102	Foundation of Mathematics
	ACCT 010	Principles of Accounting 1
	BUSS 025	Business Communication
	DBIT 122	Introduction to Internet and Web Design
	DCIS 102	Basic Electronics
First Year Trimester 2		
Enrolled Trim-2-2024	DBIT 126	Office Applications
	BUSS 035	Organization Behavior and Leadership
	MKTG 022	Marketing Fundamentals
	ECON 015	Principles of Economics
	DBIT 121	Introduction to Programming



	DCIS 105	IT User Support
Second Year Trimester 1		
Enrolled Trim-1-2025	DBIT 124	System Analysis and Design
	DBIT 221	Database Management Systems
	BUSS 035	Organization Behavior and Leadership
	MKTG 022	Marketing Fundamentals
	ECON 015	Principles of Economics
	DBIT 123	Computer Hardware and Maintenance
Second Year Trimester 2		
Enrolled Trim-3-2024	DBIT 124	System Analysis and Design
	DBIT 223	Computer Networking
	DBIT 220	Statistical Data Analysis
	ENTR 032	Entrepreneurship
	DBIT 225	Event Driven Programming
	DBIT 226	Research Project
Enrolled Trim-2-2024		
	DBIT 227	Emerging Technologies in ICT
	DBIT 300	Industrial Attachment
	DCIS 222	Network Administration
	DCIS 201	Computer Operating Systems

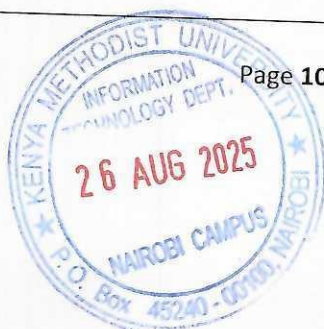
Bachelor of Science in Cyber Security and Ethical Hacking		
Cohort	Course Code	Course Title
First Year Trimester 1	COMM 111	Communication Skills
Enrolled Trim 3 2025 Without Credit Exemption	BUSS 114	Entrepreneurship
	THEO 111	Christian Beliefs
	MATH 102	Foundations of Mathematics
	HSCI 225	HIV/AIDS
First Year Trimester 2	BCEH 111	Introduction to Computer Systems and Security
Enrolled Trim 2 2025 Without Credit Exemption	BCEH 124	Introduction to Programming
	BCEH 126	Introduction to Cybersecurity and Digital Forensics
	BCEH 123	Differential and Integral Calculus
	BCEH 121	Operating Systems Security
	ENVI 201	Environmental Science



Second Year Trimester 1	BCEH 211	Computer Networks
Enrolled Trim 1 2025 Without Credit Exemption	BCEH 212	Computer Systems Architecture
	BCEH 213	Physics for Computing Systems and Digital Electronics
	BCEH 214	Human Psychology and Philosophy
	MATH 110	Linear Algebra
	ENVI 201	Environmental Science
Bachelor of Science in Data Science and Machine Learning		
First Year Trimester 1		
Enrolled Trim 3 2025 Without Credit Exemption	COMM 111	Communication Skills
	BUSS 221	Entrepreneurship
	THEO 111	Christian Beliefs
	BDML 111	Computer Applications
	BDML 115	Statistics and Probability I with R
	MATH 104	Calculus II
First Year Trimester 2	BDML 211	Database Administration
Enrolled Trim 2 2025 Without Credit Exemption	BDML 212	Programming II (Python and R)
	MATH 104	Calculus II
	MATH 211	Discrete Mathematics
	BDML 215	Introduction to Artificial Intelligence and Machine Learning
	BDML 216	Data Science on Cloud
Second Year Trimester 1		
Enrolled Trim 2 2025 Without Credit Exemption	HSCI 225	HIV/AIDS
	BDML 222	Advanced Database Systems
	BDML 223	Python for Data Science
	BDML 224	Multivariate Calculus
	MATH 230	Statistics and Probability II with R
	BDML 225	Data Mining and Warehousing
First Year Trimester 2	BDML 112	Introduction to Programming I (Python and R)



Enrolled Trim 1 2025 Without Credit Exemption	BDML 115	Statistics and Probability I with R
	BDML 116	Contemporary Issues in Psychology
	BDML 117	Introduction to Database Systems
	BDML 214	Fundamentals of Data science
	MATH 104	Calculus II
Bachelor of Science in Artificial Intelligence and Robotics		
First Year Trimester 1	THEO 111	Christian Beliefs
Enrolled Trim 2 2025 Without Credit Exemption	SOST 131	Introduction to Sociology
	AIRS 101	Introduction to Computer Science
	AIRS 102	Introduction to Artificial Intelligence
	AIRS 103	Introduction to Programming in Python
	COMM 111	Communication Skills
Bachelor of Science in Artificial Intelligence and Robotics		
First Year Trimester 1	HSCI 225	HIV/AIDS
Enrolled Trim 2 2025 With Credit Exemption	ELEC 104	Analog Electronics
	AIRS 105	Introduction to Robotics
	AIRS 106	Introduction to Ethics in AI
	AIRS 210	Object Oriented Programming
	MATH 104	Calculus II
Bachelor of Science in Software Engineering and Mobile Applications		
First Year Trimester 1	THEO 111	Christian Beliefs
Enrolled Trim 2 2025 Without Credit Exemption	SOST 131	Introduction to Sociology
	SEMA 101	Introduction to Computer Systems
	SEMA 102	Fundamentals of Internet and Web Design
	SEMA 103	Introduction to Python Programming
	MATH 102	Foundation of Mathematics
Bachelor of Science in Software Engineering and Mobile Applications		
First Year Trimester 1	SEMA 105	Fundamentals of Software Engineering




Enrolled Trim 2 2025 With Credit Exemption	SEMA 116	Fundamentals of Mobile Development
	SEMA 111	Structured Programming in Python
	MATH 104	Calculus II
	HSCI 225	HIV/AIDS
	SEMA 203	Software Engineering Ethics
Bachelor of Science in Computer Science	COSC 101	Introduction to Computer Science
First Year Trimester 1	COSC 110	Introduction to Programming
Enrolled Trim 3 2025 Without Credit Exemption	MATH 102	Foundation of Mathematics
	COSC 104	Fundamentals of Internet and Web Design
	SOST 131	Introduction to Sociology
	THEO 111	Christian Beliefs
Bachelor of Science in Computer Science	COSC 201	Computer Systems and Architecture
First Year Trimester 2	COSC 210	Object Oriented Programming
Enrolled Trim 2 2025 Without Credit Exemption	COSC 212	Data Structures and Algorithms
	COSC 221	Database Systems
	COSC 222	Systems Analysis and Design
	HSCI 225	HIV/AIDS
Bachelor of Science in Computer Science		
First Year Trimester 1	COSC 102	Ethics in Technology
Enrolled Trim 2 2025 Without Credit Exemption	COSC 111	Structured Programming
	COSC 131	Introduction to Computer Networks
	MATH 104	Calculus II
	COSC 210	Object Oriented Programming
	COSC 212	Data Structures and Algorithms
Bachelor of Science in Computer Science		
First Year Trimester 2	COSC 201	Computer Systems and Architecture
Enrolled Trim 2 2025 Without Credit Exemption	COSC 210	Object Oriented Programming
	COSC 212	Data Structures and Algorithms
	COSC 221	Database Systems
	COSC 222	Systems Analysis and Design
	HSCI 225	HIV/AIDS



Notes:

Courses with a quorum of less than five shall be dropped.

Approved by



Evanson Nyairo

Chairman, Department of Information Technology

