Year 4 Semester I
- BIT 2119 Management Information Systems
- ICS 2305 Systems Programming
- BIT 2303 Project (2 unit)
- ICS 2307 Simulation and Modelling
- BIT 2305 Human Computer Interface.
- ICS 2403 Distributed Systems
- BIT 2210 Business Information Strategy

Semester II
- BIT 2309 Principles and Practices of Management
- BIT 2313 Professional Issues in Information Technology
- ICS 2303 Multimedia Systems
- BIT 2302 Industrial Management
- BIT 2315 Electronic Commerce
- BIT 2318 Information System Audit
- BIT 2319 Artificial Intelligence
- BIT 2316 Industrial Attachment

INTRODUCTION
BSc Information Technology is offered at the School of Computer Science and Information Technology. The BSc Information Technology is a modern course that brings together two key aspects of computer training, that is, the link between Computer Science and the business environment.

ENTRY REQUIREMENTS
The requirements for joining BSc Information Technology at KUCT are KCSE mean grade C+ (plus) and an average grade of C (plus) in Mathematics and English.

COURSE DURATION AND STRUCTURE
The course is divided into eight (8) semesters spread over four (4) academic years.

FEES
The fees payable is determined by the University and varies from time to time.

UNITS COVERED
Year 1 Semester I
- SIZ 2111 HIV/AIDS
- HRD 2101 Communication Skills
- SMA 2104 Mathematics for Science
- HBC2107 Introduction to Microeconomics
- BIT 2102 Computer Systems and Organization
- BIT 2103 Introduction to Computer Applications
- BIT 2104 Introduction to Programming and Algorithm
- BIT 2211 Computer Network Technology
- SPH 2172 Physics

Semester II
- BIT 2123 Structured Programming
- ICS 2202 Operating Systems I
- HPS 2103 Financial Accounting
- BIT 2108 Computer Networks
- ICS 2104 Object-oriented Programming I
- BIT 2111 Computer Aided Art and Design
- BIT 2112 Systems Analysis and Design
- ICS 2200 Electronic

Year 2 Semester 1
- ICS 2206 Database Systems
- HRD 2102 Development Studies

Semester II
- ICS 2211 Numerical Linear Algebra
- BIT 2116 Network Design and Management
- ICS 2203 Introduction to the Internet
- ICS 2302 Software Engineering
- ICS 2208 Operating Systems II
- BIT 2118 Application Programming I

Year 3 Semester I
- ICS 2201 Object Oriented Programming II
- SMA 2101 Calculus I
- HBC 2125 Introduction to Macro economics
- ICS 2205 Digital Logic
- ICS 2105 Data Structures and Algorithms
- BIT 2214 Object Oriented System Analysis and Design
- BIT 2204 Network System Administration
- BIT 2206 Application Programming II
- BIT 2121 Industrial Attachment

Year 3 Semester II
- SMA 2102 Calculus II
- BIT 2207 Internet Application programming
- BIT 2208 Marketing Management
- ICS 2404 Advanced Database Management Systems
- SMA 2103 Probability and Statistics I
- BIT 2212 Business System Modelling
- ICS 2301 Design and Analysis of Algorithms
- BIT 2203 Advanced Programming

Year 3 Semester II
- BIT 2215 Project Management
- ICS 2311 Computer Graphics
- ICS 2405 Knowledge Based Systems
- BIT 2221 Computer Systems Project
- BIT 23 01 Research Methodology
- SMA 2230 Probability and Statistics II
- BIT 2222 ICT and Society
- ICS 2400 Transaction Processing Systems