CAREER OPTIONS

- Network Administrator
- Information Systems Manager
- Information Systems Developer
- Mobile Applications Developer
- Systems Analyst
- Information Systems Project Manager
- IT Consultant
- Systems Administrator
- Web Applications Developer
- Information Systems Auditor

CONCENTRATION COURSES   15 UNITS

Information Systems and Technology majors must take Applications, Networking or Forensic Information Technology and Cybercrime as their concentration or area of specialization.

APPLICATIONS

(Available only to Information Systems and Technology majors)
APP 4030   Information Systems Engineering
APP 4040   Data Structures and Algorithms
APP 4050   Internet Applications
APP 4070   Advanced Linux Programming
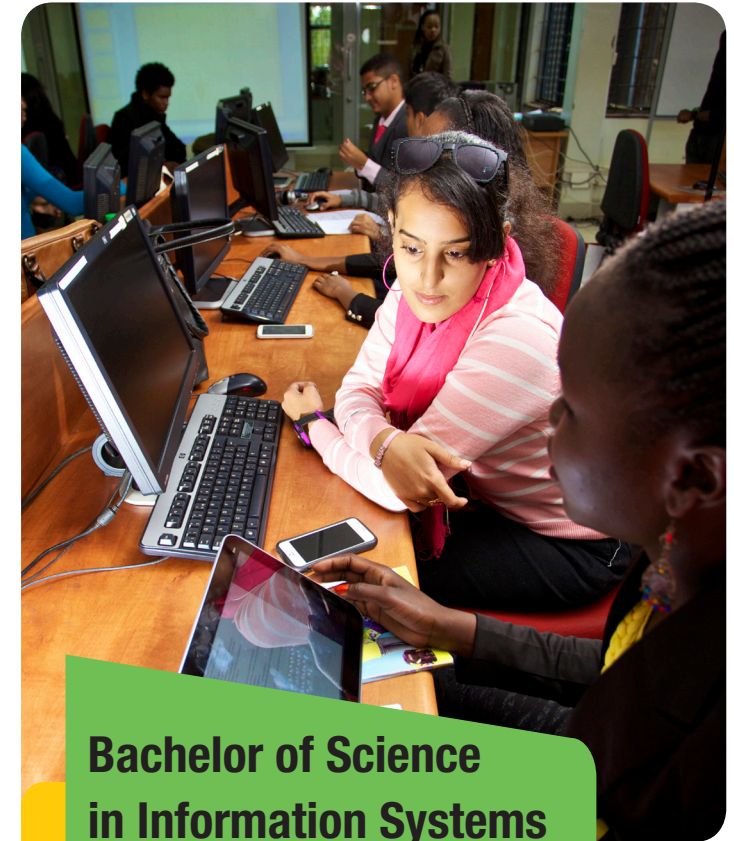IST 4080   Backed Databases and Structured Query Language

NETWORKING

NET 4010   Client-Server and Distributed Systems
NET 4020   Network Management
NET 4030   Internet Architecture and Protocols
NET 4040   Telecommunication Applications
IST 4080   Backend Databases and Structured Query Language

FORENSIC INFORMATION AND CYBERCRIME

FIC 4010   Information System Security
FIC 4020   Forensic Accounting and Fraud Investigation
FIC 4030   Information Systems Audit
FIC 4040   Information Technology and Cybercrime
FIC 4050   Computer Forensics and Investigation

CONTACTS
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Twitter: twitter.com/USIUAfrica

Bachelor of Science in Information Systems and Technology

USIU AFRICA
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Education to take you places.

PROGRAM DESCRIPTION

The Bachelor of Science in Information Systems & Technology program delivers a blend of technical specialties alongside core business concepts, which are increasingly useful in the global interconnected knowledge-based economy.

DEGREE REQUIREMENTS	**120 UNITS**
GENERAL EDUCATION REQUIREMENTS	**39 UNITS**
STRATEGIES FOR UNIVERSITY SUCCESS	**3 UNITS**

SUS 1010   Strategies for University Success

SYMBOLIC SYSTEMS AND INTELLECTUAL SKILLS	**12 UNITS**
Written, Analytical, Critical Thinking Skills	**6 Units**

ENG 1106   Composition I (WI)
ENG 2206   Composition II (WI)

Quantitative and Technological Skills   **6 Units**

IST 1020   Introduction to Information Systems
MTH 1109   College Algebra

LANGUAGE STUDIES   **6 UNITS**

Students must have credit for a foreign language or must take up to a two-course foreign language sequence of one language.
USIU-Africa offers courses in Arabic, French, Japanese, Spanish, Swahili and Chinese.

COMMUNITY SERVICE OR COMMUNITY PROJECT   **3 UNITS**

CMS 3700   Community Service

THE SENIOR EXPERIENCE   **3 UNITS**

The Senior Experience is required for each undergraduate degree program.
SEN 4800   Integrated Senior Seminar

GENERAL EDUCATION ELECTIVES   **12 UNITS**

Students are required to take at least two (2) electives from the Chandaria School of Business & two (2) from the School of Humanities & Social Sciences.

The following Chandaria School of Business Lower Division course is compulsory.
BUS 1010   Introduction to Business Organizations

Choose one of the following School of Humanities and Social Sciences Lower division courses
SOC 2201   Introduction to Sociology
PHL 1104   Introduction to Philosophy
PSY 1101   Introduction to Psychology

Students must select two courses from the list below; one from the School of Humanities & Social Sciences list and another from the Chandaria School of Business list. Note: One course may not be used to fulfill requirements for two different areas:-

SCHOOL OF HUMANITIES & SOCIAL SCIENCES   LIST OF UPPER LEVEL ELECTIVES

FAR	3000	Music of the World
FAR	3001	Visual Arts of the World
GEO	3000	Geography and the Environment
HIS	3015	20th Century Eastern Africa
HIS	3021	History of Modern Asian Civilization
HIS	3025	History of Kenya
IRL	3015	Introduction to Peace & Conflict Studies
LIT	3330	Literature for Children & Adolescents
LIT	3340	Myths, Rituals & Archetypes
LIT	3351	Masterpieces of World Literature
LIT	3775	Post-Colonial Writing in English
LIT	4785	African Authors Seminar
LIT	4815	Oral Literature
LIT	4820	Sacred Literatures of the World
PHL	3309	Major Figures in Philosophy
PHL	3310	Ethics and Value Theory
PSY	3135	Psychology of Communication
PSY	3150	Courtship & Marriage
SOC	3301	Social Problems
SOC	3305	Deviant Behavior
SOC	3310	Family & Kinship in a Multicultural Context
SOC	3500	Social Conflict & Resolution

CHANDARIA SCHOOL OF BUSINESS LIST OF UPPER LEVEL ELECTIVES

BUS 4090	Strategic Management
MGT 4030	Cross Cultural Management
BUS 4070	Business values & Ethics
BUS 4090	Strategic Management
MGI 4030	Cross Cultural Management

MAJOR	**66 UNITS**
LOWER DIVISION CORE COURSES	**15 UNITS**

IST 2010	Computer Organization and Programming
IST 2030	Fundamentals of Programming Languages
IST 2230	Introduction to Computer Fundamentals and Programming
IST 2060	Introduction to Data Structures
MTH 2010	Probability & Statistics

UPPER DIVISION CORE COURSES   **51 UNITS**

BUS 3010	Business Law
MKT 3010	Principles of Marketing
MGT 3010	Overview of Management Practice
BUS 3020	Production and Operations Management
BUS 4070	Business Values and Ethics
IST 3005	Application of Social Media for Business
IST 3020	Principles of Operating Systems
IST 3040	Digital Lab
IST 3050	Introduction to Security Systems
IST 4020	Systems Analysis and Design
IST 4030	Database Management Systems
IST 4040	Decision Analysis
IST 4060	Telecommunications and Networks
IST 4070	Object-Oriented Programming
IST 4075	Mobile Applications Development
IST 4900	Information Technology Project
IST 4910	Information Systems Internship