Assurance (15 Credits)
- C7-EAI-21 Entrepreneurship and Innovation (15 Credits)

Elective 2
- C8-SQC-21 Software Quality Control (15 Credits)
- C8-STM-21 Software Testing and Maintenance (15 Credits)
- C8-AIN-21 Artificial Intelligence (15 Credits)

Recommended full-time study path (4 years):

Semester 1:
C5-IC1-21, C5-PES-21, C5-MAT-21, C5-PSE-21

Semester 2:
C6-IC2-21, C6-DSE-21, C6-CCO-21, C6-LAL-21

Semester 3:
C7-SEN-21, C6-IIS-21, C6-WDD-21, C6-PUC -21

Semester 4:
C7-SDP-21, C7-IJP-21, C7-CNA-21, C7-DSA-21

Semester 5:
C7-SPA-21, C7-CCP-21, C7-PAS-21, C7-SPM-21

Semester 6:
C7-PUP-21, C7-SRA-21, C7-UID-21, Elective 1

Semester 7:
C7-PPR-11

Semester 8:
C7-STG-21, C8-PRO-21, Elective 2

Admissions Criteria

Senior Secondary School Certificate Examinations (SSSCE), West African Senior School Certificate Examination (WASSCE) and General Business Certificate Examination (GBCE)

The general requirements for admission of WASSCE, SSSCE and GBCE candidates to first degree programmes are three (3) credit passes in three core subjects and three (3) credit passes in three relevant elective subjects.

i. SSSCE Candidates: Credit Passes (A-D) in six (6) subjects comprising three core subjects, including English Language and Mathematics, plus three (3) relevant elective subjects.

ii. WASSCE Candidates: Credit Passes (A1-C6) in six (6) subjects comprising three core subjects, including English Language and Mathematics, plus three (3) relevant elective subjects.

iii. GBCE Candidates: Credit Passes (A-D) in six (6) subjects comprising three core subjects including English Language and Mathematics plus three (3) relevant elective subjects.

Bachelor of Science in Cyber Security & Risk Management

B.Sc in Cyber Security & Risk Management qualification is to prepare students for a career in dealing with cybercrimes and risk management issues in both private and public institutions. Graduates will be able to apply knowledge gained in this programme to eliminate cybercrimes confronting most organisations. In the same vein, they will be able to guide organisations on how to eliminate the various risks that could obstruct organisations from achieving their goals and objectives.

Programme details:
The programme consists of core (required) and elective modules as indicated below. Some modules may have pre-requisites (i.e may require students to pass another module or set

of modules first). Some modules may be co-requisite (such modules are required to be taken together). The number at the end of the module in parenthesis indicates the credit load of the module. 1 credit is equal to 10 hours of learning (guided, in-class and independent combined); therefore a 10 credit module requires an average of 100 hours of learning from the student.

Core modules:
- C6-CNW-22: Computer Networks (10)
- C6-PLC-22: Programming languages for cyber security (10)
- C6-RL1-22: Introduction to Risk Analysis and Loss Prevention (10)
- C6-SPI-22: Security Policies and Implementation Issues (10)
- C6-NFV-22: Network Secyrity, Firewalls & VPNs (10)
- C6-ISS-22: Informaion System and Strategy (10)
- C7-SWL-22: Security Strategies in Windows and Linux Platforms (10)
- C7-DFM-22: Database Fundamentals (10)
- C7-PSM-22: Principles of Security Management (10)
- C7-AIC-22: Auditing IT Infrastructures for Compliance (10)
- C7-MRI-22: Managing Risk in Information Systems (10)
- C7-ISC-22: Internet Secyrity (10)
- C7-IKM-22: Informaion and Knowledge Management (10)
- C7-PMA-22: Proect Management (10)
- C7-WMS-22: Wireless and Mobile Device Secyrity (10)
- C7-CWP-22: Cyber Security and workplace Safety Programs (10)
- C7-CSM-22: Cyber Security Risk Management (10)
- C7-CAP-22: Cyber Securit and Asset Protection (10)
- C7-LCS-22: Legal Issues in Cyber Security (10)
- C7-CME-22: Cyber Security Matrics and Evaluation (10)
- C7-RME-22: Research Methods (10)
- C7-EHK-22: Ethical Hacking (10)
- C7-CPT-22: Crime Protection (10)
- C7-IRI-22: Incident Response and Investigation (10)
- C7-WPB-22: Workplace Safety Programs in Botswana and the SADC region (10)
- C7-ISM-22: Institutional Secyrity Management (10)
- C7-RCP-22: Research Capstone Project (16)
- C7-CEM-22: Industrial Attachement (40)
- C7-INM-22: Disertation (16)
- Emergency Management (10)
- Entrepreneurship (10)
- C7-IAT-22: Innovation Management (10)
- C7-DIS-22: Advanced Risk Analysis and Loss Protection (10)

Elective Modules:

Select two from the following (first one with 10 Credits & Second one with 12 Credits):
- H6-TRG-21: Organizational Behavior (10)
- Strategic Management (10)
- Public Relations and Customer Care (10
- Criminology and Criminal Justice (12)
- Forensic Accounting (12)
- Fraud Investigation and Management (12)

Recommended full-time study path (4 years):

Semester 1:
- C5-CTW-22, C5-ICS-22, C6-BCS-22, C5-OSC-22, C6-BMA-22, C5-FIS-22

Semester 2:
- C6-COA-22, C6-TCS-22, C6-CNW-22, C6-PLC-22, C6-RL1-22, C5-CSE-22

Semester 3:
- C6-SPI-22, C6-NFV-22, C6-ISS-22, C7-SWL-22, C7-DFM-22, C7-PSM-22

Semester 4:
- C7-AIC-22, C7-MRI-22, C7-ISC-22, C7-PMA-22, C7-WMS-22, C7-RL2-22

Semester 5:
- C7-CWP-22, C7-CSM-22, C7-CAP-22, C7-LCS-22, C7-CME-22, C7-EHK-22

Semester 6:
- C7-RME-22, C7-CPT-22, C7-IRI-22, C7-WPB-22, C7-ISM-22, C7-RCP-22

Semester 7:
- C7-CEM-22, Entrepreneurship, C7-INM-22, C7-IKM-22, Elective 1 (one of C7-ORB-22, C7-SMA-22, C7-PRC-22), Elective 2 (One of C8-CCJ-22, C8-FAC-22, C8-FIM-22).

Semester 8
- C7-IAT-22, C7-DIS-22

Admissions Criteria

Entry Requirements:

a) Certificate IV (NCQF level 4) with 6 subjects and passes in English, Mathematics and a Science subject or equivalent.

b) Applicants who do not meet the above criteria but possess relevant industry experience may be considered through Recognition of Prior Learning (RPL) and Credit Accumulation and Transfer (CAT) policies for access. This consideration will be done following guidelines of the ETP which are aligned with BQA/ National policies.

c) Recognition of Prior Learning (RPL) and CATS will also be provided for, and candidates will have to meet the necessary criteria set by individual ETPs in accordance with the BQA respective policies and regulations for RPL and CATS.

d) For enquiries and more information please visit our website: **www.bothouniversity.com**