

Bachelor of Science in Cyber Security and Risk Management

Programme details:

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

- D5-CTW-23: Communication and Technical Writing (10)
- C5-ICS-23: Introduction to computer in Cyber Security (10)
- C6-BCS-23: Basics for Corporate Security and Risk Management (10)
- C5-OSC-23: Operating Systems Concepts (10)
- C5-CSE-23: Cybercrime and Society (10)
- C5-FIS-23: Fundamentals of Information System security (10)
- C6-COA-23: Computer Organization (10)
- C6-TCS-23: Technology and Cyber Security (10)
- C6-CNW-23: Computer Networks (10)
- C6-PLC-23: Programming languages for cyber security (10)
- C6-RLI-23: Introduction to Risk Analysis and Loss Prevention (10)
- C6-BMA-23: Business Mathematics (10)
- C6-SPI-23: Security Policies and Implementation Issues (10)

- C6-NFV-23: Network security, firewalls and VPNs (10)
- C6-ISS-23: Information Systems and Strategy (10)
- C7-SWL-23: Security strategies in windows and Linux platforms (10)
- C7-DFM-23: Database fundamentals (10)
- C7-PSM-23: Principles of Security Management (10)
- C7-AIC-23: Auditing IT Infrastructures for Compliance (10)
- C7-MRI-23: Managing risk in information systems (10)
- C7-ISC-23: Internet Security (10)
- C7-PMA-23: Project Management (10)
- C7-WMS-23: Wireless and mobile device security (10)
- C7-IKM-23: Information and Knowledge Management (10)
- C7-CWP-23: Cyber Security and Workplace Safety programs (10)
- C7-CSM-23: Cyber security risk management (10)
- C7-CAP-23: Cyber Security and Asset Protection (10)
- C7-LCS-23: Legal issues in Cyber Security (10)
- C7-CME-23: Cybersecurity Metrics and Evaluation (10)
- C7-EHK-23: Ethical Hacking (10)
- C7-RME-23: Research Methods (10)
- C7-CPT-23: Crime Protection (10)
- C7-IRI-23: Incident Response and Investigation (10)
- C7-WPB-23: Workplace Safety Programs in Botswana and the SADC Region (10)
- C7-ISM-23: Institutional Security Management (10)
- C7-INM-23: Innovation Management (10)
- C7-RCP-23: Research Capstone Project (20)

*The programmes offered in this document are accredited by BQA and offered at Botho University at the time of print. Please refer to your offer letter from the admissions department for any changes in programme name or duration that may occur due to regulatory requirements.

- C7-CEM-23: Crisis and Emergency Management (10)
- C7-ENT-23: Entrepreneurship (10)
- C7-RL2-23: Advanced Risk Analysis and Loss Prevention (10)
- C7-IAT-23: Industrial Attachment (40)
- C7-DIS-23: Dissertation (10)

Elective Modules:

- C7-ORB-23: Organizational Behaviour (10)
- C7-SMA-23: Strategic Management (10)
- C7-PRC-23: Public Relations and Customer Care (10)
- C8-CCJ-23: Criminology and Criminal Justice (20)
- C8-FAC-23: Forensic Accounting (20)
- C8-FIM-23: Fraud Investigation and Management (20)

Recommended full-time study path

Semester 1

- D5-CTW-23, C5-ICS-23, C6-BCS-23, C5-OSC-23, C5-CSE-23, C5-FIS-23

Semester 2

- C6-COA-23, C6-TCS-23, C6-CNW-23, C6-PLC-23, C6-RL1-23, C6-BMA-23

Semester 3

- C6-SPI-23, C6-NFV-23, C6-ISS-23, C7-SWL-23, C7-DFM-23, C7-PSM-23

Semester 4

- C7-AIC-23, C7-MRI-23, C7-ISC-23, C7-PMA-23, C7-WMS-23, C7-IKM-23

Semester 5

- C7-CWP-23, C7-CSM-23, C7-CAP-23, C7-LCS-23, C7-CME-23, C7-EHK-23

Semester 6

- C7-RME-23, C7-CPT-23, C7-IRI-23, C7-WPB-23, C7-ISM-23, C7-INM-23 **Select one** (C7-ORB-23, C7-SMA-23, C7-PRC-23)

Semester 7

- C7-RCP-23, C7-CEM-23, C7-ENT-23, C7-RL2-23 **Select one** (C8-CCJ-23, C8-FAC-23, C8-FIM-23)

Semester 8

- C7-IAT-23, C7-DIS-23

Admissions Criteria

1) BGCSE/equivalent with of 5 Passes including English and Mathematics.

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

