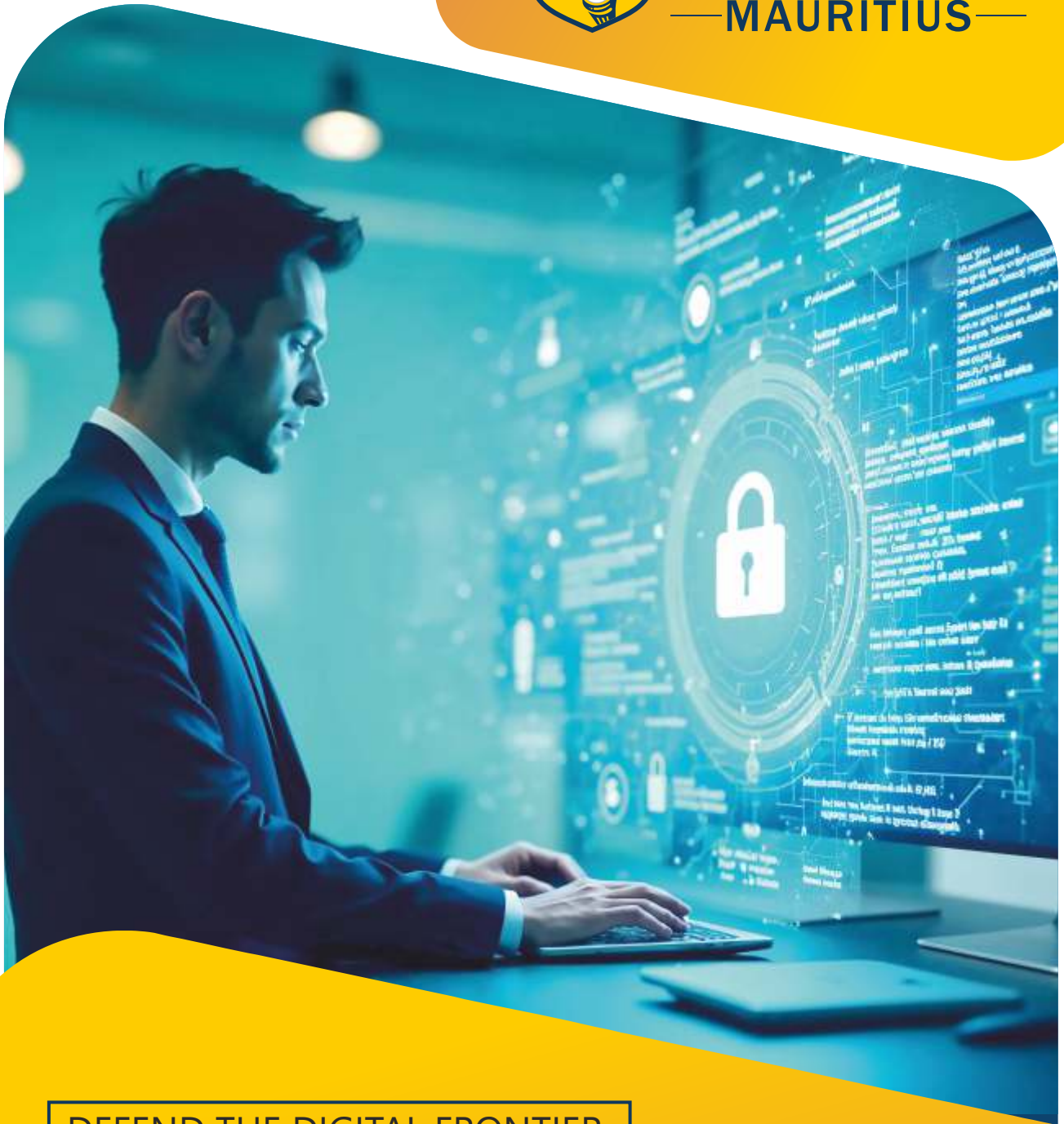




AMITY
INSTITUTE OF HIGHER EDUCATION
— MAURITIUS —



DEFEND THE DIGITAL FRONTIER:

POWER UP YOUR CAREER WITH A **1-YEAR MSc IN CYBER SECURITY**

Programme Awarded & Delivered by:
Amity Institute of Higher Education (AIHE)

Duration: Full Time: 1 Year
Part Time: 1.5 Years
Delivery Mode: Face-to-Face and Blended Teaching

Registered with the Higher Education Commission (HEC) Mauritius



Call or whatsapp on +230 52552500



admissions@mauritius.amity.edu



www.amity.edu/mauritius



PROGRAMME OVERVIEW

Become a Guardian of the Digital Age

Cyber security is no longer optional; it is a critical necessity for every modern enterprise. This intensive, industry-aligned programme is designed to produce skilled IT Security and Forensics experts capable of navigating the rapidly evolving landscape of cyber threats. Whether you are looking to master ethical hacking or lead organizational security strategies, this degree equips you with the cutting-edge tools to prevent, detect, and mitigate cyber-attacks.

AIMS & OBJECTIVES

- **Advanced Technical Skills:** Master rigorous technical skills in intrusion testing, wired and wireless network attack processes, and advanced hacking techniques
- **Strategic Defense:** Learn to develop policies and strategies that minimize security breaches and shorten recovery times
- **Forensic Expertise:** Acquire generic and specific investigation skills to conduct cyber investigations and write professional cyber-attack reports
- **Holistic Knowledge:** Gain deep exposure to Network Security, Cryptography, Information Risk Control, and Digital Forensics

PROGRAMME STRUCTURE

Modules	Credits	Number of Notional Learning Hours (NLH)
TRIMESTER - 1		
• Research Methods for Technical Research	15	150
• Network Security and Cryptography	20	200
• Security Risk Management in Information Systems	15	150
Total Trimester Credits	50	500
TRIMESTER - 2		
• Penetration Testing and Ethical Hacking	20	200
• Digital Forensics & Investigation	20	200
• Malware Analysis & Intrusion Detection Systems	20	200
Total Trimester Credits	60	600
• Capstone Project (Phase 1)	NA (as total credits are allotted after trimester 4)	150 Mandatory
TRIMETER - 3		
• Cloud Data Security & Security Audits	20	200
• Blockchain Technology and Security Management	20	200
Total Trimester Credits	40	400
• Capstone Project (Phase 2)	30	150 Mandatory

CAREER PATHWAYS

Join a high-demand sector with roles such as:

- Security Engineer / Network Security Engineer
- IT Forensics Expert
- Information Security Consultant
- Compliance Officer
- IT Auditor

ELIGIBILITY & ADMISSION

Standard Entry Criteria

Applicants must hold one of the following:

- An undergraduate degree from a recognised institution acceptable to AIHE
- A relevant degree (preferably in IT, Computer Science, Engineering, Information Systems, or Electronics)
- Other academic or professional qualifications acceptable to AIHE. (International students must provide English proficiency evidence: IELTS 6.5, TOEFL equivalent, or Duolingo 115, unless their medium of instruction was English)

Mature Candidates (Special Admission)

We welcome experienced professionals under our Mature Students Policy:

- **Diploma Holders:** Minimum Diploma in any discipline + 7 years of experience in a related field.
- **Managers:** Minimum of 10 years of managerial experience in a related field.

UNICITI Education Hub Pierrefonds-72448, Quatre Bornes, Mauritius



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