MASTER OF SCIENCE

Computer Networking & Cybersecurity

M.Sc. Computer Networking and Cybersecurity

Build expertise in network security, infrastructure protection, and cyber defence.

DELIVERED FULLY ONLINE · UI ECAMPUS
NIGERIA'S FIRST UNIVERSITY

APPLY NOW →

UNIVERSITY OF IBADAN
NO PARKING

02 PROGRAMME OVERVIEW

> ***A respected postgraduate qualification, built for the digital economy.***

Organisations across every sector depend on secure, reliable network infrastructure. From banks and hospitals to governments and multinationals, the demand for professionals who can design, protect, and manage complex networks continues to grow rapidly.

The M.Sc. Computer Networking and Cybersecurity at the University of Ibadan is designed for graduates and professionals seeking advanced knowledge in network architecture, cybersecurity principles, threat management, digital forensics, and information assurance.

Delivered fully online through UI eCampus, the programme provides the flexibility required by working professionals while maintaining the rigorous academic standards for which the University of Ibadan is renowned.

03 WHY CHOOSE THE UNIVERSITY OF IBADAN

Why Choose the University of Ibadan M.Sc. Online?

The University of Ibadan is Nigeria's first university, with more than 75 years of academic excellence, leadership, and national impact. Its name carries a legacy of scholarship, credibility, and influence across Nigeria and beyond.

Through UI eCampus, that legacy is now accessible to professionals who need a flexible and modern way to study. Learn from anywhere, continue working while studying, and gain a qualification that supports your growth in technology and leadership.

75+	1st	100%
YEARS OF ACADEMIC EXCELLENCE	NIGERIA'S FIRST UNIVERSITY	ONLINE, THROUGH UI ECAMPUS

A Flexible M.Sc. Designed for Working Professionals

This is the University of Ibadan experience, now online.

APPLY NOW →

04 WHO THIS PROGRAMME IS FOR

Who This Programme Is For

The M.Sc. Computer Networking and Cybersecurity programme is ideal for:

01 **Computer Science and IT Graduates**
Graduates seeking advanced expertise in network security, infrastructure management, and cyber defence.

02 **Network and Systems Engineers**
Professionals seeking to advance their skills in network architecture, security operations, and infrastructure design.

03 **Cybersecurity Practitioners**
Security analysts and practitioners seeking a recognised qualification to advance into senior cybersecurity roles.

04 **Technology Managers and Leaders**
Managers and IT leaders seeking to strengthen their technical understanding of network and security operations.

05 **Professionals Transitioning into Cybersecurity**

Graduates from engineering, science, or technology disciplines seeking to specialise in cybersecurity and networking.

06 WHAT YOU WILL STUDY

What You Will Study

The programme covers advanced networking theory and applied cybersecurity practice. Students will study subjects such as:

01 Network Architecture and Protocols

02 Cybersecurity Fundamentals and Threat Management

03 Ethical Hacking and Penetration Testing

04 Cloud and Distributed Systems Security

05 Cryptography and Data Protection

06 Digital Forensics and Incident Response

07 Research Methods

08 Project / Dissertation

These modules are designed to help students understand how networks operate, how cyber threats emerge, and how professionals can protect and respond to security challenges in an increasingly connected world.

07 LEARNING EXPERIENCE

Learning Experience

The M.Sc. is delivered fully online through UI eCampus. Students access course materials, lectures, assignments, discussions, and assessments through a secure digital learning environment — designed for working professionals.

Through UI eCampus, students benefit from:

01
100% online learning

02
Flexible access to course materials

03
A structured academic journey

04
Digital learning support

05
Online assessments

06
Access to academic resources

07
A learning experience designed for professionals who need to balance work, study, and personal commitments.

08 ENTRY REQUIREMENTS

Entry Requirements

01 Applicants must hold a Bachelor of Science degree with a minimum of Second Class Lower (2:2) in Computer Science, Computer Engineering, or Computer Science combined with Statistics, Physics, Economics, Accounting or a related discipline; or a Second Class Lower in any Science, Social Science or Engineering-based discipline together with a Postgraduate Diploma (PGD) in Computer Science.

02 Applicants must have O'Level credits in English Language, Mathematics, Physics, Chemistry and any other Science subject; the sixth subject may be any subject (five credits at one sitting or six at two sittings).

03 Applicants must submit the required application documents:
- Valid National ID or International Passport (International Passport for international applicants)
- Curriculum Vitae (CV)
- Relevant academic transcripts and certificates
- NYSC Discharge or Exemption Certificate (Nigerian applicants)

04 Applicants must complete the University's online Test of Proficiency in English (TPE) with a score of at least 40%, taken within four weeks after classes begin. Degrees must be from the University of Ibadan or a university recognised by the UI Senate.

09 TUITION & FEES

Tuition and Fees

Tuition and the enrolment fee are charged separately. Nigerian students pay in Naira; international and diaspora students pay in US Dollars.

ENROLMENT FEE · SEPARATE CHARGE

₦524,000

Mandatory and non-refundable. Not part of tuition and not discounted. Payable within 5 business days after receiving your acceptance offer. International students: $525.

PAYMENT PLAN

₦186,000

per month · 16 payments

16 monthly tuition payments over the 18-month programme. International students: $200 / month.

PAY IN FULL

₦2,752,800

~~₦2,976,000~~ **SAVE 7.5%**

You save ₦223,200 on tuition. International students: $2,960 in full (save $240).

All programmes require an application fee. Tuition shown excludes additional charges such as technology and administrative fees, which may apply.

10 CAREER OPPORTUNITIES

Career Opportunities

The M.Sc. Computer Networking and Cybersecurity prepares graduates for advanced technical, leadership, research, and security-focused roles across information technology, financial services, telecoms, healthcare, government, defence, and consulting.

Graduates may pursue roles such as:

01 Network Security Engineer

02 Cybersecurity Analyst

03 Penetration Tester / Ethical Hacker

04 Chief Information Security Officer (CISO)

05 Network Architect

06 Cloud Security Engineer

07 Digital Forensics Analyst

08 Information Security Manager

09 SOC Analyst

10 IT Risk and Compliance Officer

11 University Lecturer

12 Technology Entrepreneur

The programme also provides a strong foundation for doctoral studies and research careers in cybersecurity and network science.

11 SKILLS YOU WILL DEVELOP

Skills You Will Develop

By the end of the programme, students will be expected to strengthen their ability to:

01 Design and manage secure network infrastructures and systems

02 Identify, analyse, and respond to cybersecurity threats and incidents

03 Conduct independent research in network security and cyber defence

04 Apply cryptographic principles to protect data and communications

05 Plan and evaluate network architecture and security frameworks

06 Perform penetration testing and vulnerability assessments

07 Develop and implement incident response and recovery plans

08 Communicate security findings and risk assessments to stakeholders

09 Lead cybersecurity strategy and governance in organisations

Assessment and Academic Standards

The M.Sc. Computer Networking and Cybersecurity follows the academic standards and quality assurance processes of the University of Ibadan. Students are assessed through a combination of coursework, practical assignments, and a final dissertation.

The programme is designed to ensure that students demonstrate both academic understanding and practical cybersecurity and networking application.

PROGRAMME BENEFIT

Studying through UI eCampus allows you to earn a respected University of Ibadan postgraduate degree while continuing your career. You do not need to relocate or take a career break to study for the M.Sc. Computer Networking and Cybersecurity.

YOUR NEXT STEP

Take the next step in your professional journey with the University of Ibadan M.Sc. Computer Networking and Cybersecurity.

Study online. Protect with confidence. Earn a University of Ibadan postgraduate degree from wherever you are.

APPLY NOW →

LEARN MORE →

UNIVERSITY OF IBADAN · ECAMPUS

UNIVERSITY OF IBADAN | ECAMPUS

ECAMPUS

ecampus.ui.edu.ng
admissions@ecampus.ui.edu.ng
WhatsApp: +234 911 070 8888
Admissions: +234 9119815270
Box 4078, University of Ibadan Post, Ibadan 200001, Oyo, Nigeria

LinkedIn YouTube Facebook