

FACULTY PROFILE

# Faculty of Computer Science and Information Systems

Imam Muhammad ibn Nasr al-Marwazi University

**2026–2027**

**Empowering lives through technology**

Hodan, Mogadishu – Somalia · www.imu.so

كلية الحاسب الآلي ونظم المعلومات
FACULTY OF COMPUTER SCIENCE AND INFORMATION SYSTEMS

**Faculty of Computer Science and Information Systems**

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## AT A GLANCE

UNIVERSITY
**Imam Muhammad ibn Nasr al-Marwazi University**

TECHNOLOGY EDUCATION SINCE
**January 2015 (as United College of Technology)**

JOINED THE UNIVERSITY
**7 September 2026**

LOCATION
**Hodan District, Mogadishu, Somalia**

LANGUAGE OF TEACHING
**English**

PROGRAMMES
**5 Bachelor of Science degrees**

ADMISSION
**Entrance test + secondary certificate (70%)**

# ABOUT THE FACULTY

The Faculty of Computer Science and Information Systems is the technology faculty of **Imam Muhammad ibn Nasr al-Marwazi University** in Mogadishu. It was formed when United College of Technology (UCT) joined the University on **7 September 2026**.

UCT was founded by a group of Somali intellectuals and, after a one-year feasibility study, opened its doors in January 2015. It grew into one of the most modern institutions offering English-taught technology programmes in Somalia.

Its founders were among the Somali students who left the country during the civil war and continued their education in Europe, where they studied computer science and watched technology become a central part of everyday life.

Today the Faculty brings that decade of technology teaching together with the University's academic heritage and values, and serves as the University's gateway to computing and digital transformation.



**OUR STORY**

*"As computer science graduates, we felt a duty to share the knowledge we were fortunate to receive, and to give back to the community we call home — raising a generation of educated individuals and tomorrow's leaders."*

| 2015 | 5 | EN | 2026 |
|---|---|---|---|
| Teaching technology since | BSc programmes | English-medium teaching | Joined al-Marwazi University |

# OUR JOURNEY

**1418 AH · 1997**
The al-Marwazi Institute opens in Mogadishu, teaching Islamic and Arabic sciences.

**2013**
Imam Muhammad ibn Nasr al-Marwazi University is established.

**January 2015**
United College of Technology (UCT) opens in Hodan, Mogadishu, after a one-year feasibility study.

**7 September 2026**
UCT joins the University and becomes the Faculty of Computer Science and Information Systems.

# VISION, MISSION & AIMS

## OUR VISION

To develop holistic education that contributes to society and its people through inspiration, innovation and information — empowering lives through technology, in harmony with Islamic values.

## OUR MISSION

To be the most sought-after destination for quality technology education in the Horn of Africa, preparing qualified professionals through excellent teaching, applied learning and strong partnerships.

### OUR AIM

To help our undergraduate students, junior trainee staff and alumni make well-informed choices about their future careers.

# OUR CORE VALUES

Our core values define the culture of the Faculty. They guide how we make decisions and how our staff, students and partners work together.



### 1 Academic freedom

Technology and engineering are taught and studied in a climate of free opinion and expression.

### 2 Integrity

Honesty, openness and transparency in our methods and reports. Integrity is the foundation of our teaching and goes hand in hand with academic freedom.

### 3 Diversity & inclusion

We value the views and contributions of every student and staff member, and build a sense of belonging in an inclusive academic community.

### 4 Innovation & openness

We strive to improve in everything we do, welcome new ideas, explore unfamiliar fields and build relationships beyond Somalia.

### 5 Moderation

Balanced, moderate Islamic values at the heart of campus life, in line with the University's identity.

### 6 Service

Knowledge that benefits Somali society and supports the country's digital development.



# ACADEMIC PROGRAMMES

Five Bachelor of Science degrees, all taught in English.

**01** BSc-CS

### BSc Computer Science

See page 7

**02** BSc-AI&ML

### BSc Artificial Intelligence & Machine Learning

See page 8

**03** BSc-AIT

### BSc Applied Information Technology

See page 9

**04** BSc-NCS

### BSc Networking & Cyber Security

See page 10

**05** BSc-VFX

### BSc Animation & Visual Effects

See page 11

## Why study with us?

- Programmes taught fully in English, preparing graduates for regional and international careers.
- More than a decade of technology teaching, now within a full university.
- Hands-on learning in dedicated computer laboratories.
- Clear career pathways built into every programme.
- Access to the University's library, student services and wider academic community.



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BACHELOR OF SCIENCE IN

# COMPUTER SCIENCE

BSc-CS

## Programme objective

The programme gives students the core of computing: programming, algorithms, data structures, databases, operating systems and software development. Graduates can analyse problems, design solutions and build reliable software for business, government and research.

### Entry requirements

01 Secondary school certificate with at least a 70% pass rate.

02 Code of conduct letter.

03 Payment of the admission fee.

04 Pass the Faculty admission test.

### Career opportunities

01 Software Developer

02 Systems Analyst

03 Database Administrator

04 Web Application Developer



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BACHELOR OF SCIENCE IN

# ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

BSc-AI&ML

## Programme objective

Built on strong foundations in mathematics and programming, the programme covers data science, machine learning and intelligent systems. Students learn to collect and prepare data, train and evaluate models, and apply AI responsibly to real problems.

### Entry requirements

01 Secondary school certificate with at least a 70% pass rate.

02 Code of conduct letter.

03 Payment of the admission fee.

04 Pass the Faculty admission test.

### Career opportunities

01 AI Engineer

02 Machine Learning Engineer

03 Data Scientist

04 Data Analyst




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BACHELOR OF SCIENCE IN

# APPLIED INFORMATION TECHNOLOGY

BSc-AIT

## Programme objective

A practical programme in IT for organisations: systems and network administration, web technologies, databases, cloud services and IT support. Graduates run and improve the technology that institutions depend on every day.

### Entry requirements

01 Secondary school certificate with at least a 70% pass rate.

02 Code of conduct letter.

03 Payment of the admission fee.

04 Pass the Faculty admission test.

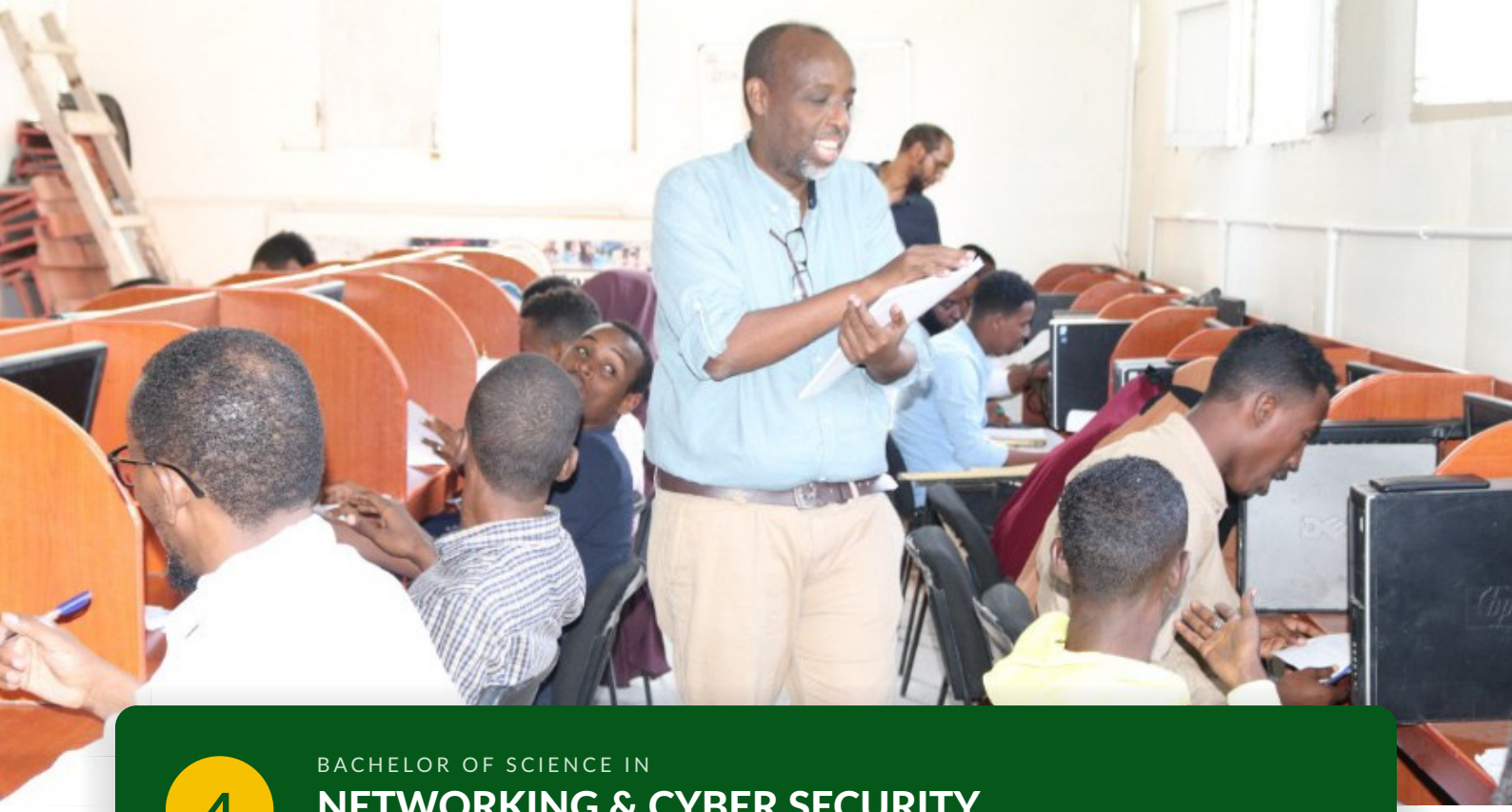
### Career opportunities

01 IT Specialist

02 Systems Administrator

03 Web Developer

04 IT Support Engineer



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BACHELOR OF SCIENCE IN

# NETWORKING & CYBER SECURITY

BSc-NCS

## Programme objective

The programme gives students solid theoretical and practical knowledge of computer networking and cyber security, so they can design, implement and defend networks and apply their skills to the complex problems of the IT industry.

### Entry requirements

01 Secondary school certificate with at least a 70% pass rate.

02 Code of conduct letter.

03 Payment of the admission fee.

04 Pass the Faculty admission test.

### Career opportunities

01 Network Engineer

02 Cyber Security Specialist

03 Penetration Tester

04 Digital Forensics Analyst



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BACHELOR OF SCIENCE IN

# ANIMATION & VISUAL EFFECTS

BSc-VFX

## Programme objective

Multimedia and animation are key fields in entertainment, design and the wider IT sector. The programme covers computer-aided 2D and 3D animation, special effects, lighting, 3D modelling and motion graphics — the core skills of today's digital content industry.

### Entry requirements

01 Secondary school certificate with at least a 70% pass rate.

02 Code of conduct letter.

03 Payment of the admission fee.

04 Pass the Faculty admission test.

### Career opportunities

01 Animator / VFX Artist

02 Motion Graphics Designer

03 Film Editor

04 Designer & Advertiser




# FACILITIES & STUDENT LIFE

Students learn by doing. Our computer laboratories give every student a numbered workstation with a laptop, in a bright, modern and well-organised space.

- **Computer laboratories**
  Individual laptop workstations for programming, networking and design classes.
- **Practical learning**
  Lab sessions, projects and assignments in every programme.
- **University library**
  Books and study space shared across al-Marwazi University.
- **Student support**
  Academic advising and student services from the University's deanships.



جَامِعَةُ الإِمَامِ مُحَمَّدِ بْنِ نَصْرِ المَرْوَزِيّ

# Faculty of Computer Science and Information Systems

Empowering lives through technology

## ADMISSIONS & ENQUIRIES


PHONE
+252 61 98 77 757

EMAIL
info@imu.edu.so

WEBSITE
www.imu.so

CAMPUS
Hodan, Mogadishu – Somalia