TECHNICAL UNIVERSITY OF MOMBASA
ISO 9001:2015 Certified

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PROGRAMME BROCHURE · UNDERGRADUATE

Bachelor of Technology in Information and Communication Technology

8 Semester(s) · Full Time / Part Time · Institute of Computing and Informatics

Qualification level	Undergraduate
Duration	8 Semester(s)
Mode of study	Full Time / Part Time
Awarded by	Technical University of Mombasa
Sponsorship	Government-Sponsored / Self-Sponsored
School / institute	Institute of Computing and Informatics
Department	Computer Science and Information Technology
Programme code	BTIT

Overview

The Bachelor of Technology in Information and Communication Technology (BTIT) programme at the Technical University of Mombasa is designed to produce graduates with theoretical knowledge and practical expertise in Information and Communication Technology.

The programme focuses on the design, development, implementation, and management of ICT systems and technologies. It equips students with the skills required to manage ICT systems, integrate business applications, and provide technological solutions to organizational challenges.

The programme aims to contribute to the industrialization of Kenya in line with national, regional, and international goals. It prepares graduates to apply ICT knowledge and skills in organizations and to support innovation, problem-solving, and technological advancement.

The programme is offered over four academic years and includes coursework, practical training, industrial attachment, and a final-year project.

Entry requirements

Applicants seeking admission to the Bachelor of Technology in Information and Communication Technology programme must meet the following minimum requirements:

A candidate must meet the University's minimum admission requirements, including a KCSE mean grade of **C+ (C Plus)**, and attain the following minimum subject grades. Mathematics **C (Plain)** and English/Kiswahili **C (Plain)**. Alternatively, a candidate may have a minimum of two principal passes in science subjects in the Kenya Advanced Certificate of Education (KACE), one of which must be Mathematics.

OR

A candidate **must** hold a KNEC Diploma or its equivalent in Information and Communication Technology or Computer Studies from an institution recognized by the University Senate. Candidates admitted through this route are admitted into the first year of study. Possession of the minimum requirements does not guarantee automatic admission to the programme.

What you will learn

By the end of the programme, graduates should be able to:

- Understand basic principles in humanities and applied sciences.
- Demonstrate knowledge and skills in the field of Information and Communication Technology.
- Apply social, legal, and ethical issues in Information and Communication Technology.
- Design and develop Information and Communication Technology solutions in an organization.
- Evaluate ICT solutions with a view to selecting the best solution for an organization.

Career prospects

Graduates of the Bachelor of Technology in Information and Communication Technology programme may pursue careers in various sectors, including government institutions, private companies, financial institutions, telecommunications, technology firms, and organisations that use ICT infrastructure and systems.

Potential career opportunities include:

- ICT Systems Administrator
- Network Administrator
- Network Support Specialist
- ICT Support Technician
- Web Developer
- Database Administrator
- ICT Security Specialist
- ICT Project Officer
- Systems Analyst
- ICT Consultant

Fees

Computer Science and Information Technology - Undergraduate fee structure · amounts in KES per semester (version 2)

	Semester 1	Semester 2	Year total
Year 1	30,525	22,525	**53,050**
Year 2	22,525	22,525	**45,050**
Year 3	22,525	22,525	**45,050**
Year 4	22,525	22,525	**45,050**
Total for the programme			**188,200**

How to apply

Apply online through the student information system at **smis.tum.ac.ke/application/register**. Have your academic certificates, national ID or passport and a passport photograph ready. For admission dates, requirements for your intake and help with your application, contact the office above.

Contact us

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