

Application Procedure

Download (www.kemu.ac.ke) or collect an application from any KeMU campus. A non-refundable fee of Ksh. 2000 is payable upon submission of the completed form together with the accompanying documents at KeMU Hub or any of our Campuses and Centres.

Main Campus, Meru

P.O. Box 267- 60200, Meru, Kenya

Tel: : 020 - 2118423/4/5/6/7, 0724 - 256 162, 0734 - 310 655

info@kemu.ac.ke Fax: 064 - 30162

Nairobi Campus

KeMU Hub

P.O Box 45240 - 00100,

Nairobi Kenya

Tel: 020 2247987/2248172, 0725-751878, 0735-701311

nairobicampus@kemu.ac.ke

Mombasa Campus

P.O Box 89983 - 80100

Mombasa, Kenya

Tel: 041 - 2495945/8

0715-120282, 0731-190932

info@kemu.ac.ke

Meru Town Centre

P.O Box 267 - 60200

Meru, Kenya

Tel: 064-31814, 0718-767060

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KeMU

Kenya Methodist University



**MASTER OF SCIENCE IN
HEALTH INFORMATION MANAGEMENT
AND ANALYTICS**

A) Purpose

To build capacity of human resources in health information management and leadership in Africa. The programme aims to produce health information professionals who are experts in health care data and the management of health care information resources. The program provides a broad view of health management information systems issues and challenges of health care and in Africa, examines the possible and viable solutions of addressing these challenges competitively and in a sustainable manner.

B) Learning Objectives

This master programme in Health Informatics will provide students with the knowledge to:

- Health information policies and strategies that are consistent with the clinical, ethical, legal, and financial requirements of healthcare institutions.
- Develop and manage healthcare information systems that meet health services delivery needs.
- Data analysis and management
- Research development, monitoring and evaluation.

Admission Requirements

The basic qualification is a Health related Bachelor's degree with an Upper Second Class Honours or Grade Point Average (GPA) of 3.0 (B Average) on a 4.0 scale.

Or

Bachelor's degree in health records and information management.

Or

Bachelor's degrees in any of the following courses:
Business Administration, ICT or equivalent courses with at least two years' relevant practical experience in a Healthcare organization.

Career Opportunities

- Health Informatics Specialist
- Health Information Manager
- Health Data Analyst
- Health IT Project Manager
- EHR Implementation Specialist
- Health Informatics Consultant

Course Structure MSc. Health Information Management and Analytics

Code	Course Title
YEAR 1: TRIMESTER 1	
HIMG 515	Fundamentals of Health Systems Management
HIMG 516	Management, leadership & Governance for Health Information
HIMG 517	Fundamentals of Health Information Systems, Standards and Terminologies
HIMG 518	Epidemiology & Demographics
HIMG 519	Health Data Management and Data Analytics
YEAR 1: TRIMESTER 2	
HIMG 520	Information Systems Design, Planning and Implementation
HIMG 521	Digital Health Ecosystem and Trends in Health Informatics
HIMG 522	Disease Classification Systems and Coding
HIMG 523	Monitoring, Evaluation, Accountability and Learning (MEAL)
HIMG 524	Computerized Decision Support Systems & Artificial Intelligence in health
YEAR 2: TRIMESTER 1	
HIMG 525	Health Systems Research Methods
HIMG 526	Biostatistics for Health Systems Research
HIMG 527	Research Concept and Proposal Development
YEAR 2: TRIMESTER 2	
HIMG 528	Thesis

Duration of the Program

The programme is structured on a trimester basis and the credit hours for the various courses that are offered in the program are shown in Table 1. Each trimester has 15 weeks i.e. 12 weeks for teaching, 1 week for revision and 2 weeks for examinations.

Mode of Delivery

Two main modes:

- Face to face lectures on campus
- Open Distance learning mode