



GREAT LAKES UNIVERSITY OF KISUMU

Excellence • Innovation • Impact

BACHELOR OF SCIENCE IN HEALTH SCIENCES

BSc (Health Sciences)

Building a healthier
Africa through Science,
Innovation and Leadership

-  Interdisciplinary Education
-  Practical Skills & Laboratories
-  Community Engagement
-  Research & Innovation
-  Pathway to Great Careers

**PREPARING
COMPETENT,
ETHICAL &
INNOVATIVE
HEALTH PROFESSIONALS
FOR AFRICA AND
BEYOND**



SCIENCE
BASED



ETHICAL



INNOVATIVE



COLLABORATIVE



COMMUNITY
FOCUSED

ABOUT THE PROGRAM

The Bachelor of Science in Health Sciences is a four-year multidisciplinary degree that provides students with a strong foundation in biomedical sciences, public health, health systems, digital health, research and leadership.

The program prepares graduates to understand health and disease from biological, environmental, social, behavioral, technological and policy perspectives.

Students gain practical experience through laboratory work, community placements, research projects and healthcare facility exposure.



PROGRAM HIGHLIGHTS



Comprehensive
Health Sciences
Education



Modern
Laboratories
& Skills Training



Community
Based Learning
& Service



Research &
Innovation
Opportunities



Digital Health
& Emerging
Technologies



Pathway to
Professional &
Postgraduate
Programs

WHY STUDY WITH US?

- ✓ Competent and experienced faculty
- ✓ State-of-the-art laboratories
- ✓ Blended learning for flexible education
- ✓ Strong industry and community linkages
- ✓ Focus on research, innovation and leadership
- ✓ Holistic student support services

PROGRAM OUTCOMES

Graduates will be able to:

- Apply scientific principles to health challenges
- Conduct research and analyze data
- Design and evaluate health interventions
- Utilize digital tools in healthcare
- Demonstrate professionalism and ethics
- Work effectively in multidisciplinary teams
- Promote health and prevent disease



DURATION:
4 YEARS
(8 SEMESTERS)



AWARD:
BACHELOR OF SCIENCE
IN HEALTH SCIENCES



MODE OF STUDY:
BLENDED
(FULL-TIME)

YEAR 1**FOUNDATIONS OF HEALTH SCIENCES****SEMESTER 1**

- Human Anatomy I
- Human Physiology I
- General Chemistry
- Cell Biology
- Communication Skills
- Introduction to Health Sciences

SEMESTER 2

- Human Anatomy II
- Human Physiology II
- Biochemistry
- Medical Terminology
- Information Technology
- Psychology and Human Behavior

YEAR 2**BIOMEDICAL SCIENCES****SEMESTER 3**

- Microbiology
- Immunology
- Genetics
- Nutrition and Dietetics
- Biostatistics
- Health Promotion

SEMESTER 4

- Pathology
- Pharmacology
- Epidemiology
- Environmental Health
- Research Methods I
- Healthcare Ethics

YEAR 3**PUBLIC HEALTH AND HEALTH SYSTEMS****SEMESTER 5**

- Community Health
- Global Health
- Health Policy
- Health Economics
- Health Informatics
- Occupational Health

SEMESTER 6

- Health Systems Management
- Monitoring and Evaluation
- Disease Prevention and Control
- Health Education
- Research Methods II
- Community Placement

YEAR 4**ADVANCED HEALTH SCIENCES AND RESEARCH****SEMESTER 7**

- Digital Health
- Artificial Intelligence in Healthcare
- Healthcare Leadership
- Quality Improvement in Healthcare
- Precision Medicine
- Research Project I

SEMESTER 8

- Healthcare Innovation
- Clinical Research
- Healthcare Entrepreneurship
- Healthcare Management
- Research Project II
- Seminar and Capstone Presentation

ADMISSION REQUIREMENTS**KCSE APPLICANTS**

Minimum Mean Grade
C+ (Plus) or equivalent

Passes in:

- Biology/Biological Sciences
- Chemistry
- Mathematics or Physics
- English/Kiswahili

**DIPLOMA HOLDERS**

Diploma in Health Sciences, Nursing, Clinical Medicine, Medical Laboratory Sciences, Public Health, Community Health, Biomedical Sciences or related fields.

Credit transfer may be considered.

**INTERNATIONAL APPLICANTS**

Equivalent qualifications recognized by relevant authorities.

HOW TO APPLY

- 1 Visit www.gluk.ac.ke
- 2 Click on [Apply Online](#)
- 3 Fill in the application form
- 4 Upload required documents
- 5 Pay the application fee
- 6 Submit and await feedback



CAREER OPPORTUNITIES

Graduates can work as:

-  Health Research Officer
-  Public Health Officer
-  Health Promotion Officer
-  Health Informatics Officer
-  Clinical Research Coordinator
-  Monitoring & Evaluation Officer
-  Health Program Officer
-  Community Health Program Manager
-  Healthcare Data Analyst
-  Healthcare Quality Officer
-  NGO / International Health Project Officer
-  Healthcare Policy Analyst
-  Health Education Officer
-  Environmental Health Officer



FURTHER EDUCATION PATHWAYS

Graduates may pursue:

- Master of Public Health (MPH)
- Master of Health Systems Management
- Master of Clinical Research
- Master of Health Informatics
- Master of Biomedical Sciences
- Medicine
- Dentistry
- Pharmacy
- Nursing
- Doctoral Studies



ABOUT GREAT LAKES UNIVERSITY OF KISUMU

Great Lakes University of Kisumu is a chartered university committed to excellence in teaching, learning, research and community engagement. We are dedicated to developing innovative and ethical professionals who will transform communities and contribute to sustainable development.



OUR MISSION

To advance knowledge and transform communities through quality education, research and innovation.



OUR VISION

To be a leading university recognized for excellence in education, research and societal impact.



OUR VALUES

Excellence • Integrity • Innovation
Compassion • Diversity • Teamwork
Accountability • Service



Dean, School of Dentistry and Biomedical Sciences

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**SCAN ME
TO APPLY**