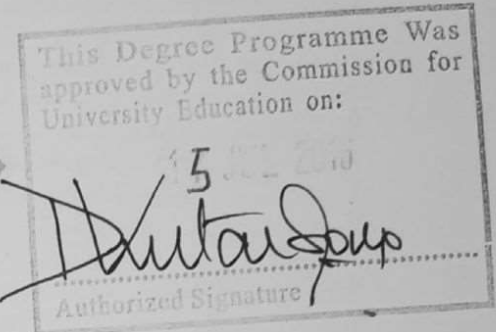


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REGULATIONS AND CURRICULUM FOR THE DEGREE OF  
BACHELOR OF SCIENCE  
IN  
CLINICAL MEDICINE AND COMMUNITY HEALTH

Revised Copy

Submitted to the Commission for University Education

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## **2. 0. CURRICULUM FOR BACHELOR OF SCIENCE IN CLINICAL MEDICINE AND COMMUNITY HEALTH**

### **Introduction**

Current statistics show that the doctor to patient ratio is still very low in Kenya and the East African region. The ratio of clinical officer to patient is also still quite low and there is need to train more of these care of staff. The initial Diploma training course does not allow the clinical officer to grow academically and therefore the need to introduce a degree level training course which will allow the clinician to grow to the level of masters and doctor of philosophy. This course has a strong community health aspect which would give the health care practitioners the opportunity to work within their own community to develop and teach health and wellness programmes for all age groups. GLUK graduates in Clinical medicine have the opportunity to augment their current health profession with skills and tools to provide educational programs in their field as well as explore other educational opportunities available to them in other fields.

### **2.1. The Title of the Proposed Program**

The title of the program is "*Bachelor of Science in Clinical Medicine and Community Health.*"

### **2.2. Philosophy of the programme**

The social, economic, cultural and policy context in Africa demands leadership capacity with a deeper appreciation of the role and capacity of people to take greater control of their situations, to bring about the needed transformation towards a better future. This program will make a meaningful contribution to the process of the needed change through the development of leaders through training, networking and partnership with communities, agencies and institutions.

### **2.3. Rationale of the Program**

#### **2.3.1. Needs assessment/market survey/situation analysis**

In view of global changes, there is now an urgent need for curricula that are aligned with emerging health and social changes. These include changing epidemiology of infectious diseases which includes ebola, multidrug resistant tuberculosis, persistent HIV prevalence and new influenza strains. Furthermore, Non-Communicable Disease (NCD's), Neglected Tropical Diseases (NTDs) have become global and national priorities.

#### **2.3.2. Stakeholder Involvement**

The programme was designed in close consultation with key stakeholders. These included the clinical officers practicing in the field, diploma level clinical officer students, similar professionals, the Clinical Officers Council.

#### **2.3.3. Justification of the need for the programme**

Health priorities which justify the academic program include maternal, newborn and child health (MNCH) which requires special skills to manage. Besides, the initiation of several global, regional and national health initiatives such as Millennium Development Goals and Vision 2030 for Kenya require that the clinical officers well prepared and informed to meet these challenges. Finally, the challenge of Human Resources for Health (HRH) requires that the clinical officer must be prepared to function as a team player, working

with the community and other cadres of the health profession to address the most pressing health problems.

It is against this background that the department of Clinical medicine of the Great Lakes University, Kisumu seeks to implement a curriculum that, apart from emphasizing on traditional clinical officer competencies, also prepares a clinical officer, with requisite knowledge in global and national and community health priorities.

#### **2.4. Goals of the Programme**

The goal of the program is to produce an all round clinician in promotive, preventive and curative medicine.

#### **2.5. Expected Learning Outcomes**

Upon completion of the prescribed course of the study for Bachelor of Science in Clinical Medicine, the graduates will have acquired knowledge and skills to be able to:

1. Demonstrate professionalism in decision-making and clinical reasoning within the health care system
2. Demonstrate clinical skills, practical procedures, patient investigations and management skills.
3. Demonstrate research skills to promote Community Health and disease prevention  
Apply ethical, legal, and behavioural (attitudinal) principles in the practice of clinical medicine
4. Demonstrate leadership, managerial skills and enhancement of personal, academic and professional development

#### **2.6. Mode of delivery of the Programme**

The mode of delivery of the program will be face to face learning. The coursework will be delivered through lectures, critical reading, individual and group assignments to expand student knowledge base. The theoretical basis will be linked to practice in classrooms, laboratories, clerkship/clinical placement and community attachment. at the community, institution or at county level.

#### **2.7. Academic Regulations for the Proposed Programme**

##### **2.7.1. University Admission Requirements**

An applicant must satisfy any of the following minimum requirements:

1. In order to be eligible for direct entry into the bachelor of Clinical medicine and Community Health, a candidate must be a holder of Kenya Certificate of Secondary Education with a minimum aggregate of C+ or equivalent. In addition he must have obtained a C+ (Plus) in each of the four (4) cluster subjects as shown below

<b>Alternative A</b>	<b>Alternative B</b>
Biology	Biological sciences
Chemistry	Physical Sciences
Physics/maths	Mathematics
English/Kiswahili	English/Kiswahili

OR

2. Be a holder of Kenya Advanced Certificate of Secondary Education with a minimum of two principal passes in Biology and Chemistry and one subsidiary pass in Maths or Physics.

OR

3. Be a holder of a diploma, a degree or a professional certificate in a relevant discipline such as Clinical Medicine, medical laboratory Technology, radiography, Public Health, dental health, Advanced Nursing, Registered Nursing and Pharmacy Technology from an institution of higher learning recognized by the Senate of GLUK in addition to criteria 1 or 2 above.

OR

4. Be a holder of a Bachelors degree in science disciplines and be a holder of any other qualification accepted by the Senate as equivalent to any of the above.

Candidates who hold any of the qualifications (3) or (4) above may, at the discretion of the Senate be exempted from some courses. A holder of KCSE certificate or equivalent with a minimum of C+ and lacking cluster combination must pass the subject failed by bridging exam conducted by a body recognised by the senate prior to being admitted to the degree course.

### ***2.7.2. Regulations on credit transfer in the program***

A candidate registered in another University recognized by the Senate may be allowed to transfer credit to a programme of the University. The maximum number of courses to be exempted or given credit transfer shall not exceed one-third of the total course requirements for the programme at Great Lakes University of Kisumu. There shall be no credit transfer for clinical rotation