

## POSTGRADUATE PROGRAMMES

### POSTGRADUATE DIPLOMA IN STATISTICS (DIP. STAT): (GSTA)

#### A Regional Programme

##### Introduction

This programme aims at producing specialists in various branches of applied statistics for professional work. The programme has been designed to provide advanced professional training in statistics to holders of a first degree in Statistics or Statistics combined with Economics or Mathematics or an allied subject or equivalent qualification. Graduates seeking admission to this programme are expected to have had at least two years' relevant experience. It is expected that, on returning to their countries, the successful candidates will be entrusted with the responsibility for specialized statistical operations of sections in their National Statistical Offices in the English-speaking African countries of the region. Others will be engaged in research and analysis or other suitable employment in their countries.

Participants will be required to acquire, in greater depth, the required theory, concepts and principles of social and economic statistics so that these persons can increase their knowledge to acquire competence in any subject of choice and to stay abreast of their field of specialization, and thus render leadership in their area of specialization and their Central Bureau of Statistics on return.

The two-semester Diploma in Statistics programme is a demanding undertaking designed for highly-motivated, mature persons who want to make their leave of absence from their positions in their home country as productive as possible. The training is through lectures, seminars, discussions and extensive laboratory work, emphasizing practical aspects to a greater depth. The structure of this programme is such that it provides for compulsory or core courses and optional courses relating to the area of specialization.

In addition to the regulations laid down, candidates for the Diploma in Statistics must comply with the relevant statutes of the

University.

##### Programme Structure

**Duration: Two 17 Week Semesters (9 Months) (Aug-May)**

<b>Semester I</b>		
<b>Three Compulsory Courses</b>		<b>CU</b>
STA 6101	Statistical Methods I	4
STA 6102	Statistical Computing I	4
STA 6103	Design and Analysis of Surveys and Experiments I	4
<b>Semester II</b>		
<b>Three Compulsory Courses</b>		<b>CU</b>
STAT 403	Statistical Methods II	3
STAT 404	Statistical Computing II	3
STAT 405	Design and Analysis of Surveys	3
<b>One Specialization course selected From 4</b>		
STAT 406	Economic Statistics and National Accounts I	3
STAT 407	Agricultural Statistics I	3
STAT 408	Sampling Technology I	3
STAT 409	Statistical Computing III	3
STAT 410	Social Statistics I	3
STAT 411	Development Planning I	3
STAT 412	Econometrics I	3
STAT 413	Operations Research I	3
STAT 414	Statistical Methods III	3
STAT 415	Labour Statistics I	3
STAT 416	Biostatistics I	3