MASTER OF SCIENCE IN STATISTICAL SCIENCE

FOR MORE DETAILS CONTACT:
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Strathmore University
Institute for Mathematical Sciences
Master of Science in Statistical Science

COURSE DETAILS
Statistical skills are important in all applied sciences (life sciences, medicine and related fields, physical sciences, social and behavioral sciences) and are becoming increasingly so in emerging fields that require analysis of complex data such as marketing and finance. There is a constant demand for graduates with these skills in both industry and academia. The MSc. Statistical Science offered at the Institute of Mathematical Sciences provides an excellent balance between theory and application. The broad base of training in the important areas of statistical sciences will allow the student to successfully progress into professional employment or research.

CAREERS
We prepare our graduates for a diverse range of careers including: Ecologists, Biostatistician, Financial analysts, Market researchers, Econometricians, Epidemiologist, Quality managers, Operations research and optimization, Bioinformatician, Climatologist or meteorologist, Demographer, Programmer, Psychometrician, and any other career choices or fields which are of interest to the student.

In Kenya, a graduate with a MSc. Statistical Science can work with research firms like IPSOS/Synovate, Kenya National Bureau of Statistics, Africa Population and Healthcare Research Centre, UN-HABITAT, KEMRI, KEFRI, KARI, ILRI, Regional Centre for Mapping of Resources for Development and many other firms that require the expertise of a Statistician.

LEARNING FACILITIES
You will have access to state of the art ICT platforms like eLearning system, numerous computer laboratories, unlimited internet, a wide range of software and email.

The university also has a well-stocked library with the latest titles in Statistical Science that will be used for learning, in addition to accessible online journals.

The Institute has established a Statistical Advisory Unit (SAU) that provides Statistical Advisory Services and Statistical Computing Advice to students.

ENTRY REQUIREMENTS
a) The following are eligible for admission into the MSc. Statistical Science:
- Holders of First Class or Upper Second in Mathematics or a related discipline; OR
- Holders of Lower Second Class degrees in Mathematics or a related discipline plus Postgraduate Diplomas in relevant areas; OR
- Holders of Lower Second Class Degrees in Mathematics or related disciplines plus a minimum of two years of working experience; OR
- Holders of other related qualifications from recognized universities.

b) In addition to meeting the above criteria, the applicants will be required to attend and pass an oral interview and a Graduate Entrance Examination (GEE).

c) They will also be required to present two reference letters from academic referees.

Intake
The annual intake will be in the month of September Semesters
- 1st Semester: September - December
- 2nd Semester: January - April
- 3rd Semester: May - August

Interview requirements
Interviews are held on Wednesdays and Fridays. Please carry the following:
- 2 passport-size photos
- Original and copies of academic certificates
- CV and a copy of national ID or passport
- Interview fee: Kshs 2,300

WHY STRATHMORE?
Quality Education
Student Coaching
Rigorous Standards
International Faculty
Powerful Networks
World-class facilities