Master of Science in Statistical Science

Strathmore University
Institute of Mathematical Sciences

PROGRAMME OVERVIEW

Statistical skills are important in all applied sciences such life sciences, medicine and related fields, physical sciences, social and behavioural sciences. There is a constant demand for graduates with these skills in both industry and academia. The Masters of Science in Statistical Science offered at Strathmore University, provides an excellent balance between theory and application. The broad base of training in the important areas of statistical science will allow the students to successfully progress into professional employment or research.

CAREERS

We prepare our graduates for a diverse range of careers including: Biostatistics, Financial analysis, Market research, Econometrics, Epidemiology, Bioinformatics, Demography, Statistical Programming, Psychometrics, and any other career choices or fields which are of interest to the students.

Student Testimonial

"Strathmore has trained and given me the confidence to share this knowledge, but it wasn't just about the new knowledge, the main benefits came from doing assignments, class presentation, receiving individual feedback from the professors and interacting with invited international faculty. We were also exposed to the use of scientific method of writing (Latex) and use of different statistical packages e.g. R, Stata, Winbugs and SPSS. The experience has been one of its kind. Strathmore helped build my interpersonal skills which are highly valuable in the job market. Through the Msc Statistics program the value of excellence, professionalism and integrity were instilled since day one which have proved to be invaluable in transforming the community at large. Indeed doing a Master of Science program at Strathmore has been transformative."

Mr. Kevin Otieno, Doctoral Fellow

MODE OF STUDY

Evening Programme: 5:30 pm – 8:30 pm on weekdays

Duration: 2 years

Intake: May and September

HOW TO APPLY

Applications can be done through **admissions@strathmore.edu** or **+254 703 034032**

WHY STUDY IN STRATHMORE UNIVERSITY

1. **Global exposure/ international outlook:** Strathmore's international faculty and partners, global alumni network and diverse student body connect you with a world of opportunities.
2. **Academic rigour:** Through our innovative research and learning approach, you will enhance your capacity to manage and solve business challenges.
3. **People-focused**: We believe that putting people at the center of decisions is essential to sustainable business growth and outstanding business education.
4. **Teaching staff:** Our dedicated teaching staff are active professionals who will bring you face-to-face with real situations. You will learn through:
   - Case studies
   - Innovative teaching
   - Individualized attention and guidance, and
   - Small class groups.
5. **Timely completion of studies:** Students are assured of completion of an uninterrupted learning period of 2 years.
6. **World-class facilities:** Strathmore has avant-garde architecture that has been designed and built uniquely and in compliance with energy conservation requirements. This ensures delivery of a rich and holistic learning experience for its students.

EXPECTED OUTCOMES

1. **Competitive skills:** Strathmore aims to help you develop leadership skills, which will be useful in the world of work. Your investment will have a high return in terms of your competitive advantage.
2. **Realistic approach:** You will adopt a reflective, analytical, participative approach to education and consequently to your career.
3. **Great counsel:** Our lecturers and coaches are experts in their respective fields and they will be a resource to help you develop a new perceptive and see new opportunities.
4. **Powerful networks:** You will learn from and alongside diverse, talented classmates as you share a transformative journey together. As such, you will develop a network of friends and contacts that will last a lifetime.
5. **Exceptional learning experience:** You will acquire skills to take on any challenge and think critically backed by solid fundamental knowledge. As a result, you will gain hands-on-experience to tackle real life.

ENTRY REQUIREMENTS

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 with a minimum of two years of working experience.
- You must have had at least a C+ mean grade at KCSE or its equivalent.

+254 (0) 703 034000
admissions@strathmore.edu
www.strathmore.edu

Admission Office, Strathmore University
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