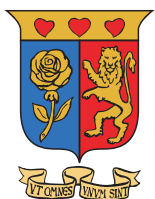


# BACHELOR OF SCIENCE IN STATISTICS AND DATA SCIENCE



**Strathmore University**

**Institute of Mathematical  
Sciences**

Achieve excellence  
in your chosen  
profession



## BACHELOR OF SCIENCE IN STATISTICS AND DATA SCIENCE

The BSc. in Statistics and Data Science programme is designed to produce graduates who are well-acquainted with fundamental concepts and techniques in the field by exposing students to the three main disciplines of statistics, mathematics, and computer science. The interlinkage between Statistical and Data Sciences has seen a reinforced understanding of data from its origins, now including areas such as data architecture, data warehousing and management, data mining and data engineering.

### CAREER OPPORTUNITIES

- Data Scientist
- Data Analyst
- Data Engineer
- Data Architect
- Business Intelligence Analyst
- Statistician
- Machine Learning Engineer

## Why Strathmore University?

### Our Brand Education

Strathmore shapes global leaders for tomorrow. Our market-oriented courses, industry linkages and opportunities outside the classroom, provide positive career outcomes for our students in their chosen fields.

### Mentoring

Strathmore University has a mentoring system in which one-on-one sessions between mentor and student aim to bring the integration of knowledge, skills and values down to the personal level.

### Our Graduates

Employers attest that Strathmore graduates distinguish themselves by their work ethic and discipline.

### International Experience

Strathmore provides global exposure to students through international academic trips to expand their knowledge.



Reputation for excellence



High graduate job placement



Industrial attachments



International faculty



International academic trips



One-on-one mentoring



All-round education



Laptops for all undergraduate students



Timely completion of the Degree



Powerful network of alumni spanning over 50 years



Student diversity: 70 nationalities





## OUR ENTRY REQUIREMENTS

1. An applicant for admission into the Bachelor of Science in Statistical and Data Sciences degree programme must satisfy one of the following minimum requirements:
  - a. Be a holder of KCSE (or equivalent examination) certificate with a minimum mean grade of B and a minimum grade of B+ in Mathematics and B- in English.
  - b. Be a holder of A-Level (or equivalent qualification) certificate, from an Examining Body recognized by the Academic Council of the University, with a minimum of two principal passes in Mathematics/Physics, Mathematics/Chemistry, Mathematics/Geography, or Mathematics/Economics.
  - c. Be a holder of any other qualification (with a strong mathematics base) accepted by the Academic Council of the University as equivalent to any of the above.
2. An applicant who holds any of the qualifications 1(c) above may, at the discretion of the Academic Council, with recommendations from the Academic Board of SIMS, be exempted from a maximum of 49% of the course units.
3. An applicant registered in another university recognized by the Academic Council may be allowed to transfer credit to the BSc. in Statistical and Data Sciences programme as per 2.7.2.





**Strathmore University**

**Institute of Mathematical  
Sciences**

**FOR MORE DETAILS CONTACT:**

Admissions Office, Strathmore University  
PO Box 59857 - 00200 City Square, Nairobi, Kenya  
Tel + 254 (0)703 034000 / 2203 / 2232 / 2297  
Email: [admissions@strathmore.edu](mailto:admissions@strathmore.edu), [sims@strathmore.edu](mailto:sims@strathmore.edu)  
[www.sims.strathmore.edu](http://www.sims.strathmore.edu)

