



Master of Science in Computer Based Information (MSc. CIS)



Strathmore University
**Faculty of Information
Technology**

PROGRAMME OVERVIEW

MSc-CIS is an innovative programme with an integrated dynamic delivery covering a wide range of Information Systems and Computing topics. It is designed to prepare candidates to become specialists in the Information Technology (IT) needs of modern businesses, especially at the middle and senior levels of organisations. The programme is a conversion course structured with broader goal of creating a deep level of knowledge and understanding in core areas such as Software Development, Systems Security, Mobile and Networking Technologies, Data Science and Computing.

CAREERS

Candidates are prepared to work as Software designers and developers, Database developers, Information Technology Consultants, Web designers and developers, Systems analysts, IT/IS managers, Network engineers, Data scientist, Middle and Senior level managers in IT. The candidates may further their previous careers with a strong understanding on how IT can suitably be applied in their own discipline.

Student Testimonial

I chose Strathmore for its credibility in the education sector and its reputation in the labor market.

Ndiritu Wanjiku

*Geographic Information System
Technician.*

[MSc. Computing & Information
Systems \(MSc CIS\)](#)

MODE OF STUDY

Intake: January and September

Time: Classes are all day. (8-5 p.m.)

Duration: 2years

Attendance: 2 weeks every quarter(3 months)

HOW TO APPLY?

Applications can be done through
admissions@strathmore.edu or **+254 703 034 032**

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.

INTERNATIONAL ACADEMIC MODULE

The programme has an International course module that is designed to provide a one week international exposure on contemporary themes in Information Technology through dedicated course delivery at an Academic Centres of Excellence in Europe.

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 perspective 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 shall be eligible for admission into Master of Science in Computer Based Information:

- Holders of First Class or Upper Second degrees in any academic field from recognized universities; or
- Holders of Lower Second Class degrees plus Postgraduate Diplomas or Certificates in any field of study; or with at least two years working experience from the graduation date and;
- You must have had at least a C+ mean grade at KCSE or its equivalent.