

Bachelor of Science in Computer Networks and Cyber Security



Strathmore University

**School of Computing and
Engineering Sciences**

Achieve excellence
in your chosen
profession



Bachelor of Science in Computer Networks and Cyber Security

This program prepares learners to become specialists in Computer Networking and Cyber Security industry. It is designed to meet the increasing demand in the marketplace for computer networking professionals with a wide knowledge of computer networks, mobile networks, cloud-based networks, emerging technologies, next generation networks and technical skills in information technology business management.

The programme also prepares candidates to manage and secure linked computer systems and devices. In this regard, the candidates will be well prepared on systems security issues involving the analysis of computer systems in order to assess their ability to protect against breach and disruption. They will also be equipped with skills on system security processes such as vulnerability assessment and auditing to identify points of risk and developing solutions to mitigate the risks.

Career Opportunities

1. Computer Networks and Security Architect
2. Computer Networks and Systems Security Auditor
3. Computer Networks and System Security Consultant
4. Network and Computer Systems Administrator
5. Data Communication and Security Software Developer
6. Project Managers
7. Vulnerability Assessor

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: 36 nationalities



Programme Outcomes

- i) Apply appropriate networking tools, techniques and principles for the design and management of networks
- ii) Demonstrate competency in implementing secure networks and systems.
- iii) Apply appropriate counter measures to prevent and stop various cyber attacks
- iv) Conduct organizational operations within acceptable regulatory, policy and ethical framework.
- v) Demonstrate independent critical thinking and problem-solving skills to facilitate innovation.

Entry Requirements

- A minimum KCSE of B with a B or above in Mathematics.



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FOR MORE DETAILS CONTACT:

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