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.
FOR MORE DETAILS CONTACT:
Admission Office, Strathmore University
PO Box 59857 – 00200 City Square, Nairobi, Kenya
Tel +254 (0)703 034000 / 2203 / 2232 / 2297
Email: admissions@strathmore.edu
www.sces.strathmore.edu