



Strathmore
UNIVERSITY

FOR MORE DETAILS CONTACT:

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BACHELOR OF SCIENCE IN
**INFORMATICS AND
COMPUTER SCIENCE**



Strathmore University
Faculty of Information Technology



BACHELOR OF SCIENCE IN INFORMATICS AND COMPUTER SCIENCE

It is designed to meet increasing demand in the market place for people who have deep technical programming and theoretical computer science knowledge for designing complex systems in the current rapidly expanding knowledge-based society.

The graduates need to understand organisational culture and work in inter-disciplinary teams with focus on people. The course is structured to meet the qualification needs and skill requirements of growing computer and software industry.

Informatics and Computer Science spans a wider range, from its theoretical and algorithmic foundations to cutting-edge developments in computer vision, intelligent systems and other emerging areas in computing.

To ensure curriculum keeps pace with changing industry demands, students will select current topics to be covered by industry experts in their final year.

Courses in humanities and ethics are included to address wider awareness of social and human life that form the society, the private life and human relations, and consequently the life of a company and its performance. Indeed the Informatics and Computer Science programme is designed to be taught like a work-place environment - learn like in the work place.

CAREERS

The graduates are prepared to work as: Intelligent Systems Designer, Software Architect, Computer Systems Analyst, Software Engineers, System Administrators, Database Administrators, Information System Manager, Network Engineer and IT Consultants etc.

LEARNING FACILITIES

E-Learning

Strathmore University is a pioneer in the use of ICT. Our e-learning system enables students to view the coursework material that lecturers have posted, submit their finished assignments, update their calendars, interact and chat with fellow students, participate in various fora and communicate with their lecturer. Students have access to numerous computer laboratories, unlimited Internet, a wide range of software and e-mail. A wireless network enables students with laptops access to the network from various locations around the campus.

Library

The library complex is spacious, with an atmosphere that is highly conducive to private study and research. The wide range of material contributes to the university's excellent academic performance. The library system is available online.

EDUCATION FINANCING

Strathmore students get loans from the Higher Education Loans Board (HELB). The University also has an arrangement to provide 4 year tuition loans with KIVA. The repayment period for KIVA loans is five years which commences one year after graduation. Bright and needy students can also get loans from the University.

Free Laptop

All first years joining the program benefit from a free state of the art laptop which they henceforth retain.

TOP IN THE USE OF ICT'S

In a survey of 250 East African universities carried out by CPS Research International between April and October 2012, Strathmore University was ranked first in Kenya and second overall in the use of Information and Communication technology (ICT'S) in teaching and enhancing quality.

OUR ENTRY REQUIREMENTS

Applicants must meet the following requirement:

- KCSE Mean grade of B-
- IGCSE six B's including Mathematics and English and A level 2 principal passes and 1 subsidiary pass
- O-Level six B's including Mathematics and English and IB 28 points with 5 points in mathematics and 5 points in English
- A distinction in the Strathmore Entrance Exam
- Proven leadership skills in school & community and outstanding performance in extra-curricular activities are an added advantage

All candidates meeting the entry requirement are required to sit the University entrance examination in English and Mathematics and an oral interview.

Interviews are held on Tuesdays and Thursdays at 8:00am.

Candidates are required to bring originals and copies of relevant academic certificates, 2 passport size photographs, a photocopy of birth certificate or National ID or passport and KSh1,800 entrance exam fee.

Intake for the full time programme is in March and June.

EXEMPTIONS

Only Strathmore DBIT graduates can qualify for exemptions.

WHY STRATHMORE?

- Reputation for Excellence
- High graduate job placement
- Industrial attachments
- International faculty
- Intentional academic trips
- All Round Education
- One on one student mentoring
- Laptop for all undergraduate students
- Timely completion of the Degree
- Powerful network of alumni spanning over 50 years
- Student diversity: 36 Nationalities

