



Bachelor of Science in Computer Science (BCS)

Riara
University
nurturing innovators

SCHOOL OF
COMPUTING
SCIENCES

Introduction

The programme is guided by a belief and appreciation of the fact that nurturing individuals who are able to apply computer science and other computing technologies with ethical values and national pride, will not only make them contribute to their own individual success but also enrich and transform the lives of others.

Structure of the Programme

The Bachelor of Science in Computer Science takes four academic years. To qualify for the award of the degree, a candidate must take a minimum of fifty six (56) course units or 168 credit hours which are inclusive of a Computer Science Project, a community Service based attachment and an industrial attachment. All these are tailored to ensure that our graduates become self-reliant, self-motivated, creative and innovative.

Why study BCS in Riara University?

The course is structured to meet the dynamic business and industry needs by providing a solution oriented approach to learning. Practical aspects are also emphasized to ensure that our graduates are equipped with the relevant knowledge and skills.

Mode of Study

The program is conducted on a full-time basis, requiring students to engage in their studies full-time throughout the duration of the course.

Intakes

The program offers three intake periods throughout the year: January, May, and September. Following registration, students participate in an orientation session, after which classes officially begin.

Entry Requirements

All students admitted to the Bachelor of Science in Computer Science Degree must satisfy the minimum requirements of:

1. A Mean grade of C+ (plus) in the Kenya Certificate of Secondary Education (KCSE)) and a minimum of grade C+ in both Mathematics and Physics or Physical Sciences; or its equivalent;
2. A Kenya Advanced Certificate of Education (A-Level) with a minimum of two principal passes and a subsidiary and a minimum of a credit pass in both Mathematics and Physics., or its equivalent;
3. A Diploma from a recognized institution; or
4. A Pre-University certificate from an institution recognized by the Senate, with a minimum GPA of 2.50
5. A degree in a science-based discipline from a recognized university by the University Senate.

Examinations

1. All units are examined in the semester in which they are taken.
2. Continuous assessments will comprise practicals, tests and assignments and will account for a percentage of the total marks.
3. Written University Examinations comprises a weighted percentage of the total marks.
4. All practical attachments shall be assessed out of 100%.

Each unit is graded out of 100 marks. Marks are translated into letter grades as follows:

Letter Grade	Range (%)	GPA	Degree Awarded
A	80 - 100	4.00	1st Class
A-	76 -79	3.70	
B+	70 - 75	3.33	2nd Class Upper
B	66 - 69	3.00	
B-	60 - 65	2.70	
C+	56 - 59	2.33	2nd Class Lower
C	50 - 55	2.00	
C-	46 - 49	1.70	Pass
D	40 - 45	1.33	
E	0 - 39	0.00	

Career Opportunities

Graduates of the program will have a variety of career opportunities available to them. Among other potential roles, they may pursue positions such as:

- » System developers
- » Business Intelligent Developers
- » Machine Learning Engineers
- » Data Scientists
- » Network and Cyber Security Engineers/professionals
- » Managers of Engineering departments
- » Researchers and policymakers
- » System administrators
- » Systems analysts and designers
- » Project managers
- » Entrepreneurs
- » Consultants
- » Trainers

Fees

The cost of this course is Kshs. 103,600 per semester, with a total of nine semesters required to complete the program. This amount covers tuition fees only and does not include statutory charges, which are additional and must be accounted for separately.

Enquiries

If you have any questions or require further clarification regarding the program or any other information, please feel free to reach out via email at: info@riarauniversity.ac.ke. The university's team will be happy to assist you with any inquiries.

DISCLAIMER: Every effort has been made to ensure that information contained in this prospectus is accurate at the time of publication. However, Riara University reserves the right to make changes to the matters covered from time to time, both before and after a candidate's admission.

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