



**KIBABII UNIVERSITY  
(KIBU)  
SCHOOL OF COMPUTING AND  
INFORMATICS (SCAI)**



**2015/2016  
ACADEMIC YEAR**



### **1. INTRODUCTION TO THE SCAI**

Kibabii University (KIBU) **became full chartered in 2015**. KIBU is located in Bungoma county in Western Kenya, an area with untapped potential (Human capital and under utilization of ICT Infrastructure). The University has a mandate of stimulating capacity building in Science, Technology and Innovation. It is within these functions that the School of Computing and Informatics (SCAI) was established in late 2013 from the Computer Science and Information Technology department initial under the Faculty of Science. The establishment of the school was in line with the Vision 2030 based on the view of the potential of increasing ICT's contribution to the Gross Domestic Product (GDP) through enhanced innovative products, increased productivity and utilization of available technologies sustainably.

The creation of SCAI broadened the mandate of ICT scientists to open up for more and stronger possible collaborations between the school and other stakeholders/partners including communities, industry and international organizations that are focused on ICT. It has led the staff to refocus their energies in their academic and professional specialties. As the only school and university in the country with the highest number of Doctorate holders in Information Technology, it is better positioned to enhance Information Technology personnel capacity building, research and consultancy through focused teaching, research, training, innovation and development in the fields of

Information and Communication Technology. The school carries the flagship of the University College.

### **2. SCHOOL VISION, MISSION, CORE VALUES AND MOTTO**

#### **Vision**

To be a dynamic global centre of excellence in harnessing and disseminating Computing, ICT knowledge and skills for development

#### **Mission**

To satisfy clients' needs for Computing through innovative and quality training, research and dissemination of findings for sustainable development

#### **Core Values**

- (i) Quality training, research and dissemination of computing, ICT knowledge and skills
- (ii) Excellence in performance as a basis of assessment
- (iii) Fair competition, transparency and honesty
- (iv) Embracing internationally accepted practices in operations
- (v) Sustainability in operations

#### **Motto**

Computing, ICT knowledge and skills for development  
At the school of Computing and Informatics will believe that as many invest in advertising, we invest in the product.

### **3. Commission for University Education accredited programmes (a, b, d, e)**

#### **(a) Doctor of Philosophy in Information Technology (offered on full time weekends only mode)**

An applicant should satisfy the following requirements (a) Hold Master's Degree in Information Technology or Information Systems or Computer Science from accredited university and approved by KIBU senate or (b) Hold Master's Degree in a relevant field as approved by KIBU senate.

#### **(b) Master of Science in Information Technology (offered on full time weekends only mode)**

An applicant should satisfy the following requirements (a) Bachelor's degree in a computing discipline, of at least Upper Division Second Class Honours or an equivalent qualification from another institution recognized by Senate **OR** (b) Bachelor's degree in a computing discipline or related discipline of at least Lower Division Second Class Honors (lower division) plus at least two years relevant experience, or an equivalent qualification from another institution recognized by Senate. In addition in both cases, prospective students must demonstrate proficiency in at least one of the object oriented programming languages or (c) A Bachelor's degree in a relevant discipline plus at least two years relevant experience, or an equivalent qualification from another institution recognized by Senate. In addition, prospective students must have a postgraduate Diploma in a computing discipline with at least a credit pass.

#### **(c) Postgraduate Diploma in Information and Communication Technology (offered on full time weekends only mode)**

Applicants should be in possession a Bachelor's degree in numerate science, numerate education (Science), Business, Engineering, and Technology discipline, or an equivalent qualification from another institution recognized by KIBU Senate.

#### **(d) Bachelor of Science in Computer Science (offered on full time week days mode)**

Minimum entry requirements are: a mean grade of a C+ at KCSE and at least a C+ in Mathematics, Physics or Physical Sciences **OR** 2 principal passes in relevant science subjects one of which must be in Mathematics or Physics at A-level, **OR** Diploma in Computer Studies or its equivalent (may be exempted in relevant units).

#### **(e) Bachelor of Science in Information Technology. (offered on full time week days mode)**

Minimum mean grade of C+ (plus) at KCSE with C+ in Mathematics, in any science or computer studies or any business related subject **OR** 2 principal passes at A-level one of which must be in Mathematics or science subject or any business related subject **OR** those with a diploma in IT or a relevant diploma recognized by the University Senate with a credit or distinction (may be exempted in relevant units).



#### **(f) Diploma in Information Technology (offered on full time week days mode)**

Minimum mean grade of C (plain) at KCSE with C in Mathematics, in any science or any business related subject **OR** those with a Certificate in IT with a

credit or distinction pass recognized by the KIBU University Senate.

#### **(g) Certificate in Information Technology (offered on full time week days mode)**

Minimum mean grade of C- (minus) at KCSE

#### **(h) Proficiency in Computer Applications (Town Centre)**

It covers introduction to operating systems, word processing, spreadsheets, databases, presentations, desktop publishing and Internet and e-mail.

Minimum grade D- at KCSE

**Programmes are offered under full time/ weekend/ institutional- based modes.**

**Further inquiries should be addressed to:**

- 1. The Ag. Vice Chancellor:**  
Prof. Ipara I. Odeo
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