

## **V BRIEF HISTORY**

The Department of Real Estate and Construction Management was created in August 2005 as a result of a merger of the former Departments of Land Development and Building Economics and Management. The programmes currently offered in the Department have a long history.

The Degree programmes of B.A in Building Economics and B.A. in Land Economics were started in the Department of Quantity Surveying in 1961 in the then Royal Technical College, Nairobi. The Department of Quantity Surveying was re-named Department of Land Development in 1962. In 1964, the Department of Land Development joined the Faculty of Architecture, Design and Development. In 1990 the Department of Building Economics and Management was created after split of the Department of Land Development.

## **VISION**

The vision of the Department of Real Estate and Construction Management is to be a centre of excellence in teaching and research in the real estate and construction industries within the African region. It envisions the provision of cost effective and excellent educational training in Building Economics, Quantity Surveying, Construction Management, Land Economics, Valuation, Real Estate Economics and Property Management.

## **MISSION**

The Department of Real Estate and Construction Management is dynamic and offers attractive market driven academic programmes which equip students with knowledge, specialized skills and techniques that enable them improve the efficiency of the construction process and management, valuation, property and facilitates management, investment appraisal and analysis in both the public and private sectors in the careers of Building Costing Modelling Construction Cost Consultancy, Quantity Surveying, Construction management, Contract Administration, Valuation, Property and Facilities Management among others.

## **BACHELOR OF QUANTITY SURVEYING**

The Bachelor of Quantity Surveying is a 4-year degree programme that enables students to conceptualize and find solutions to problems in building and civil engineering construction. It is developed around a combination of subject groups such as:

- (i) Construction Technology
- (ii) Construction Economics
- (iii) Construction Law
- (iv) Construction Management and
- (v) Construction Measurement.

## **Course objectives**

The main objectives of this course are:

- To provide students with sound theoretical knowledge and practical skills to enable them find solutions to issues in the construction industry.
- To equip students with specialized skills and techniques which enable them to interact with other professionals in the construction industry;
- To provide independent, objective, accurate and reliable capital/operating cost assessments for investment funding and project administration and control;
- To analyze investments and developments for the guidance of owners, financiers and contractors.

## **Graduate competence**

The course will produce graduates who help to improve the efficiency of the building construction process. It prepares students for careers in the construction industry in the areas of building and engineering construction cost modelling, construction cost consultancy and quantity surveying, project management, and dispute resolution, among others.

## **Career opportunities**

Graduates will get employment in government ministries, consulting quantity surveying firms, construction companies, local authorities, parastatals, financial institutions, insurance companies, and other players in the construction industry as well as in self-employment.

## **ADMISSION REQUIREMENTS**

Applicants must meet the stipulated minimum University of Nairobi General Admission criteria as provided for under statute XIX. Applicants with the following qualifications will be eligible for consideration for admission into the degree programme:

- a). **KCSE APPLICANTS OR EQUIVALENT:** Mean Grade C+ with a minimum of grade C+ in the following subject clusters: English; Mathematics; Physics; Geography or History and Government or Christian Religious Education; Biology or Chemistry or Business Studies or Art and Design or Agriculture.
- b). **KACE (A LEVEL) APPLICANTS OR EQUIVALENT:** Two Principal Passes with a minimum principal 'D' pass in either Mathematics or Physics and in any one of the following subjects: Economics, Geography, and Chemistry and a credit pass in the English language at KCE level or equivalent
- c). **DIPLOMA HOLDERS:** A minimum KCE Division II or mean grade C in KCSE in addition to a credit pass or equivalent of the Kenya National Examinations Council (KNEC) Diploma or its equivalent in: Building Construction, Architectural Studies, Civil Engineering and Applied Physical Sciences.

**DEGREE HOLDERS:** A holder of a University degree or its equivalent from a recognised University in the following areas: Architecture, Engineering, Design, Economics, Commerce, Land Economics, Planning or any other relevant equivalent degree

## **BACHELOR OF CONSTRUCTION MANAGEMENT**

The Bachelor of Construction Management is a four (4) year full-time degree programme. It is a multi-faceted discipline derived from the four main areas of knowledge namely management, law, economics and technology. Its concept, principles and practice are applied with judgement to develop ways to utilize resources economically in the construction industry. Graduates of this degree programme will acquire knowledge in principles and practices that focus on the management activities and challenges that organizations face when they undertake construction projects.

## **Course objectives**

The following are the objectives of the course:

- Address management challenges in the implementation of construction projects.
- Improve quality of performance in the construction industry.
- Develop and create better building methods for effective and efficient utilization of resources including faster cost effective delivery of construction industry products / outputs.
- Create empowering and innovative approaches to the discipline of construction management.
- Develop an awareness of the opportunities for the development of construction management as a profession.
- Research upon and critically evaluate, appraise and interpret information and its application in the construction industry.

## ***Graduate Competence***

The degree programme emphasizes the key functions that are applicable to the management of a construction project throughout the construction process. It covers basic concepts, principles, systems and procedures which impact on management functions and processes throughout the project life cycle.

## ***Career opportunities***

Career opportunities for graduates of Construction Management would be available in the construction industry in the following areas as:

- Construction Management Consultant advising builders, building designers and clients.
- Construction manager in a building company.
- Employees in building and construction organizations

- Consultants in building materials and components industry in design, production or marketing.
- Contractors or developers in self employment.

It must be noted that the graduates will be working with people of diverse backgrounds, therefore flexibility and management skills in handling people are important. The graduates will be involved in different projects, ever changing ideas and new technologies throughout their working life. They must, therefore, adopt to challenges and hence work independently.

#### **Admission Requirements**

**Applicants must meet the stipulated minimum University of Nairobi General Admission criteria as provided for under statute XIX. Applicants with the following qualifications will be eligible for consideration for admission into the degree programme:**

**A) KCSE Applicants or Equivalent:** Mean Grade C+ with a minimum of grade C+ in the following subject clusters: English or Kiswahili; Mathematics; Physics or Biology or Chemistry, or Biological Sciences; Geography or Accounts or Commerce or Economics, or Building Construction or Drawing and Design or Art and Design.

**B) KACE (A Level) Applicants or Equivalent:** Two Principal Passes; a minimum principal 'D' pass in either Mathematics or Physics and in any one of the following subjects: Economics, Geography, and Chemistry and a credit pass in the English language at KCE level or equivalent

**C) Diploma Holders:** A minimum KCE Division II or mean grade C in KCSE in addition to a credit pass or equivalent of the Kenya National Examinations Council (KNEC) Diploma or its equivalent in: Building Construction, Architectural Studies, Civil Engineering and Applied Physical Sciences.

**d). Degree Holders:** A holder of a University degree or its equivalent from a recognized University in the following areas: Architecture, Engineering, Design, Economics, Commerce, Quantity Surveying, Building Economics, Land Economics, Planning or any other relevant equivalent degree.

FEES ITEM	Bachelor of Quantity Surveying
Medical/year	5,000
computer/year	5,000
Library/year	2,000
Reg./year	1,000
ID Card/year	500
Project fees (Thesis)	2,000
Activity	2,000
Field exc/year	2,000
Student Union Fee	1,000
<b>Sub Total/year</b>	<b>19,500</b>
Tuition/unit	12,000 all years
Exam/Unit	300
Caution	5,000
Year 1 units	18
Year 2 units	17
Year 3 units	16
Year 4 units	13
<b>Fees</b>	
Year 1	246,500
1 <sup>st</sup> Semester	138,500
2 <sup>nd</sup> Semester	108,000
Year 2	228,500
1 <sup>st</sup> Semester	120,500
2 <sup>nd</sup> Semester	108,000
Year 3	216,500
1 <sup>st</sup> Semester	120,500
2 <sup>nd</sup> Semester	96,000
Year 4	180,500
1 <sup>st</sup> Semester	120,500
2 <sup>nd</sup> Semester	108,000

**NB Foreign Students add 25% of each item**



**UNIVERSITY OF NAIROBI**

**BACHELOR QUANTITY SUVEYING**

SCHOOL OF THE BUILT ENVIRONMENT

Department of Real Estate and Construction Management

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