



## SCHOOL OF ENGINEERING AND ARCHITECTURE (SEA)



### PH.D. PROGRAMME

#### PH.D. IN SANITATION AND WASTE MANAGEMENT

##### Admission Requirements

Master of Science Degree in Sanitation from an institution recognized by MUST Senate **OR**; Master of Science Degree in Public Health/Community Health/Sanitary Engineering/Civil Engineering/Chemistry/Microbiology or related sciences from an institution recognized by MUST Senate.

**Duration:** 3 years

**Mode of Study:** Part-time/Weekend

**Campus:** Main Campus (Nchiru) and Meru Town Campus (Hart Towers)

**Tuition fees per level:** Ksh. 105,000

### MASTERS PROGRAMME

#### MASTER OF SCIENCE IN SANITATION

##### Admission Requirements

Bachelor's Degree in Public Health/Community Health/Environmental Sciences/ Micro Biology/Biological Sciences/Chemistry/Biochemistry/ Civil Engineering/ Agricultural Engineering/Agriculture/Health Sciences or any other relevant degree with at least Second Class Honours (Upper Division) from an institution recognized by MUST Senate **OR**; Bachelor's Degree in Public Health/Community Health/Environmental Sciences/ Micro Biology/Biological Sciences/Chemistry/Biochemistry/ Civil Engineering/ Agricultural Engineering/Agriculture/Health Sciences or any other relevant degree with at least Second Class Honours (Lower Division) from an institution recognized by MUST Senate and two (2) years relevant post qualification work experience.

**Duration:** 4 semesters

**Mode of Study:** Fulltime/Part-time/Weekend

**Campus:** Main Campus (Nchiru)

**Tuition fees per semester:** Ksh. 60,000

### DEGREE PROGRAMMES

**BACHELOR OF TECHNOLOGY (ELECTRICAL ENGINEERING)**  
**BACHELOR OF TECHNOLOGY (MECHANICAL ENGINEERING)**

**BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING)**

##### Admission Requirements

K.C.S.E mean grade of C+ (plus). In addition, students are expected to have obtained at least a grade C+ (plus) in each of the following cluster subjects in K.C.S.E examinations:

##### Cluster Subjects:

- i. Mathematics
- ii. Physics
- iii. Chemistry
- iv. Biology/any Group III/any Group IV/any Group V.

##### KCSE Subject Grouping

**Group I:** English, Kiswahili, Mathematics

**Group II:** Biology, Physics, Chemistry

**Group III:** History and Government, Geography, Christian Religious Education, Islamic Religious Education, Hindu Religious Education

**Group IV:** Home Science, Art and Design, Agriculture, Aviation Technology, Computer Studies, Drawing and Design, Power Mechanics, Electricity, Metalwork and Building Construction.

**Group V:** French, German, Arabic, Music, Business Studies

##### **OR;**

##### **A-Levels or Equivalent**

Students should have a minimum of two (2) principal passes in Mathematics and Physics and a subsidiary level pass in Chemistry with a credit pass in English at O-Level

##### **OR;**

##### **Diploma or Equivalent**

Credit pass of KNEC Diploma/Higher National Diploma in Civil, Electrical and Electronics or Mechanical Engineering from KNEC or its equivalent.

**BACHELOR OF SCIENCE IN SANITATION AND WASTE  
MANAGEMENT****Admission Requirements**

K.C.S.E mean grade of C+ (plus). In addition, students are expected to have obtained at least a grade C (plain) in each of the following cluster subjects in K.C.S.E examinations:

**Cluster Subjects:** Mathematics, Biology, Chemistry, Physics

**KCSE Subject Grouping**

**Group I:** Mathematics

**Group II:** Biology, Chemistry, Physics

**Group III:** Biology, Physics, Chemistry

**OR;****Diploma or Equivalent**

Credit pass of K.N.E.C Diploma/Higher National Diploma in relevant discipline from an Institution recognized by MUST Senate.

**Duration:** 8 semesters

**Mode of Study:** Full-time/Weekend

**Campus:** Main Campus (Nchiru) and Meru Town Campus (Hart Towers)

**Tuition fees per semester:** Ksh. 45,000



## PROFESSIONAL AND SHORT COURSES

SCHOOL OF ENGINEERING & ARCHITECTURE (SEA)							
S/NO	COURSE TITLE	TARGET GROUP	EXAM BODY	DURATION	MODE OF STUDY	CAMPUS	FEES (KSH)
1	DRIVING	18YRS+	NTSA	1 Month	Fulltime/Part time/ weekend/ Online	Main/Town	14,850
2	Plumbing & Pipe fitting level I	School leavers & Beginners OR 2 Years Prior Learning (PL) Experience	NITA	3 Months	Fulltime/Part time/ weekend/ Online	Main/Town	20,000 TUITION + 5,000 PPEs
3	Plumbing & Pipe fitting level II	PLUMBING LEVEL I OR 2 Years Prior Learning (PL) Experience	NITA	3 Months	Fulltime/Part time/ weekend/ Online	Main/Town	20,000 TUITION + 5,000 PPEs
4	Plumbing & Pipe fitting level III	PLUMBING LEVEL II OR 2 Years Prior Learning (PL) Experience	NITA	3 Months	Fulltime/Part time/ Weekend/ Online	Main/Town	20,000 TUITION + 5,000 PPEs

## PROFESSIONAL AND SHORT COURSES

5	Gas Installation	Certificate/Diploma/ Degree in Mechanical Engineering OR Level I (Plumbing) OR 2 Years Prior Learning (PL) Experience	NITA	3 Months	Fulltime/Part time/ Weekend/ Online	Main/Town	20,000 TUITION + 5,000 PPEs
6	Solar Hot water installation	Certificate/Diploma/ Degree in Mechanical Engineering	NITA	3 Months	Fulltime/Part time/ weekend/ Online	Main/Town	20,000 TUITION
7	Heating, Ventilation, Air condition & Refrigeration	Certificate/Diploma/ Degree in Mechanical Engineering OR Level I (Plumbing) OR 2 Years Prior Learning (PL) Experience	NITA	3 Months	Fulltime/Part time/ weekend/ Online	Main/Town	20,000 TUITION + 5,000 PPEs
8	MEP drawings & Interpretation (CAD)	Certificate/Diploma/ Degree in Mechanical Engineering OR Level I (Plumbing) OR 2 Years Prior Learning (PL) Experience	NITA	3 Months	Fulltime/Part time/ Weekend/ Online	Main/Town	20,000 TUITION + 5,000 PPEs
9	Boiler Installation	Certificate/Diploma/ Degree in Mechanical Engineering OR Level I (Plumbing) OR 2 Years Prior Learning (PL) Experience	NITA	3 Months	Fulltime/Part time/Week- end/ Online	Main/Town	20,000 TUITION + 5,000 PPEs

## PLEASE NOTE

- All the above academic entry requirements are subject to the respective professional bodies and key stakeholders' requirements.
- The tuition fees indicated for each programme does not include statutory charges.

