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UNIVERSITY OF NAIROBI  
ISO 9001 2008 CERTIFIED



# **MASTER OF SCIENCE IN PHARMACOLOGY AND TOXICOLOGY**

**A VISION 2030 Flagship Project**

**COLLEGE OF AGRICULTURE AND VETERINARY SCIENCES**

**DEPARTMENT OF PUBLIC HEALTH, PHARMACOLOGY AND TOXICOLOGY**

**FACULTY OF VET MEDICINE**

**In collaboration with**

**CENTRES FOR OPEN AND DISTANCE LEARNING AND E-LEARNING (ODEL)**

**In fulfillment of Vision 2030 Objectives**

**ARE HAPPY TO ANNOUNCE THE MOUNTING AND LAUNCH**

**OF**

# **MASTER OF SCIENCE IN PHARMACOLOGY AND TOXICOLOGY**

**BY OPEN, DISTANCE AND E-LEARNING MODES**

**IN**

**JUNE/SEPTEMBER 2016 INTAKES**

**ADDITIONAL INFORMATION IS AVAILABLE**

**AT**

**University Website and the Faculty of Veterinary Medicine**

**For further information contact: Dean Faculty of Vet Medicine: [dean-vet@uonbi.ac.ke](mailto:dean-vet@uonbi.ac.ke)**

**To apply visit the University of Nairobi Website, [www.uonbi.ac.ke](http://www.uonbi.ac.ke) and follow the instructions for online application provided.**

**A world class University committed to scholarly excellence**

**[www.uonbi.ac.ke](http://www.uonbi.ac.ke)**

## **The Objectives and outcomes of the Programme**

- (i) To provide graduates with upto date knowledge and skills in Pharmacology and Toxicology
- (ii) To produce graduates with strong scientific and technical competence in Pharmacology and Toxicology.
- (iii) To provide graduates with latest methods and concepts in Pharmacology and Toxicology in order to improve health of animals and humans.
- (iv) To apply the knowledge and skills in production and improvement of Animals and Human health for the fulfillment of Vision 2030 Objectives.

## **Entry Requirements**

- (i) The common Regulations for the Masters Degrees in all Faculties shall be applicable.
- (ii) The regulations for the Degree of Master of Science in the Faculty of Veterinary Medicine shall be applicable.
- (iii) Holders of the following degrees of University of Nairobi or other university recognized by University of Nairobi Senate.
  - a) Bachelor of Veterinary Medicine
  - b) Bachelor of Medicine and Bachelor of Surgery
  - c) Bachelor of Pharmacy
  - d) Bachelor of Dental Surgery
  - e) Bachelor of Science Nursing
- (iv) Holders of the following degrees of at least second class honours of the University of Nairobi or equivalent qualifications from a University recognized by the University of Nairobi Senate.
  - a) BSc. In Biomedical Technology
  - b) BSc. In Biochemistry
  - c) The applicants should have taken Pharmacology and Toxicology course at undergraduate level
- (v) Holders of lower second class honours degree in areas specified above in iv (a) and (b) with at least 2 years research/work experience.
- (vi) Holders of equivalent Bachelor's degrees from other Universities recognized by University of Nairobi Senate.

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# **MASTER OF SCIENCE IN CLIMATE CHANGE**

**A VISION 2030 Flagship Project**

**COLLEGE OF BIOLOGICAL AND PHYSICAL SCIENCES**

**DEPARTMENT OF METEOROLOGY**

**AT**

**SCHOOL OF PHYSICAL SCIENCES**

**In collaboration with**

**CENTRES FOR OPEN AND DISTANCE LEARNING AND E-LEARNING (ODEL)**

**In fulfillment of Vision 2030 Objectives**

**ARE HAPPY TO ANNOUNCE THE MOUNTING AND LAUNCH  
OF**

# **MASTER OF SCIENCE IN CLIMATE CHANGE**

**BY OPEN, DISTANCE AND E-LEARNING MODES**

**IN**

**JUNE/SEPTEMBER 2016 INTAKES**

**ADDITIONAL INFORMATION IS AVAILABLE**

**AT**

**University Website [www.uonbi.ac.ke](http://www.uonbi.ac.ke) and at the School of Physical Sciences. Follow  
instructions for online application provided.**

**For further information contact: Dean, School of Physical Sciences:  
[infoscience@uonbi.ac.ke](mailto:infoscience@uonbi.ac.ke)**

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## **Objectives and outcomes**

The specific objectives and outcomes are to:

- (i) Impart Trans-disciplinary knowledge amongst the candidates on the issues related to climate change,
- (ii) Equip the student with relevant knowledge required to address climate change and adaptation science that meet the unique needs of African societies,
- (iii) To produce a graduate with ability to engage in action-oriented, trans-disciplinary research activities that will help improve the climate adaptation capacity locally and globally.
- (iv) Equip the candidate with the skills for the management of risks posed by climate change at global, regional, national and community levels,
- (v) Equip candidates with decision support tools for sound advice to policy and decision makers,
- (vi) Produce effective and proficient communicators of climate change and adaptation science and practice for the transformation of lives and habits,
- (vii) Develop capacity to manage Climate Change challenge for the fulfillment of Vision 2030 objectives.

## **Entry Requirements**

The common regulations for the Masters degree in the University of Nairobi shall apply.

The following shall be eligible for the registration for Masters degree:

- (i) Holder of at least an upper second class honours degree or equivalent in non-classified degrees from a recognized university,
- (ii) Holder of lower second class with at least two years of relevant work experience after graduation,
- (iii) Holder of a pass degree with at least three years of relevant work experience after graduation.

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# **BACHELOR OF EDUCATION IN EARLY CHILDHOOD EDUCATION**

**A VISION 2030 Flagship Project**

**COLLEGE OF EDUCATION AND EXTERNAL STUDIES**

**DEPARTMENT OF COMMUNICATION TECHNOLOGY**

**AT**

**SCHOOL OF EDUCATION**

**In collaboration with**

**CENTRES FOR OPEN AND DISTANCE LEARNING AND E-LEARNING (ODEL)**

**In fulfillment of Vision 2030 Objectives**

**ARE HAPPY TO ANNOUNCE THE MOUNTING**

**OF**

# **BACHELOR OF EDUCATION IN EARLY CHILDHOOD EDUCATION**

**BY OPEN, DISTANCE AND E-LEARNING MODES**

**IN**

**JUNE/SEPTEMBER 2016 INTAKES**

**ADDITIONAL INFORMATION IS AVAILABLE**

**AT**

**University Website [www.uonbi.ac.ke](http://www.uonbi.ac.ke) and the School of Education. Follow instructions for  
online application provided.**

**For further information contact: Dean School of Education: [dean-education@uonbi.ac.ke](mailto:dean-education@uonbi.ac.ke)**

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**[www.uonbi.ac.ke](http://www.uonbi.ac.ke)**

### **a. Objectives and outcomes of the Programme**

At the end of the programme, the student should be able to:

- (i) Acquire skills, attitudes and concepts of early childhood education relevant to pre-school teaching, supervising and managing.
- (ii) Explore issues and trends in the development of early childhood education.
- (iii) Analyze the justifications for investing in early childhood education.
- (iv) Explore ways of establishing links with the local communities, and other stakeholders of early childhood education.
- (v) Design and carry out a research in early childhood education.
- (vi) Manage educational provision for early childhood for the fulfillment of the Kenya Vision 2030 objectives.

### **b. Admission Requirements**

- (i) A Holder of Kenya Certificate of Secondary Education (KCSE) with a minimum aggregate performance of C+ or its equivalent qualifications.
- (ii) A holder of professional qualifications such as Diploma in Early childhood Education OR Diploma in Education OR Teachers Certificate (S1) from recognized institutions OR its equivalent qualifications.
- (iii) A trained primary school teacher of P1 grade and minimum teaching experience of three years.
- (iv) A holder of Kenya Advanced Certificate of Education (KACE) with a minimum of Two principal passes or its approved equivalent qualifications.
- (v) A holder of other degrees from a recognized university.
- (vi) Any other qualifications equivalent to the above recognized by the University of Nairobi.

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**POSTGRADUATE DIPLOMA/**

**MASTER OF SCIENCE IN ENERGY  
MANAGEMENT**

A VISION 2030 Flagship Project

**COLLEGE OF ARCHITECTURE AND ENGINEERING**

**DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING**

AT

**SCHOOL OF ENGINEERING**

In collaboration with

**CENTRES FOR OPEN AND DISTANCE LEARNING AND E-LEARNING (ODEL)**

In fulfillment of Vision 2030 Objectives

ARE HAPPY TO ANNOUNCE THE MOUNTING AND LAUNCHING

OF

**POSTGRADUATE DIPLOMA/  
MASTER OF SCIENCE IN ENERGY  
MANAGEMENT**

**BY OPEN, DISTANCE AND E-LEARNING MODES**

IN

**JUNE/SEPTEMBER 2016 INTAKES**

ADDITIONAL INFORMATION IS AVAILABLE

AT

University Website [www.uonbi.ac.ke](http://www.uonbi.ac.ke) and at the School of Engineering. Follow instructions  
for online application provided.

For further information contact: Dean, School of Engineering:  
[dean-engineering@uonbi.ac.ke](mailto:dean-engineering@uonbi.ac.ke)

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[www.uonbi.ac.ke](http://www.uonbi.ac.ke)

### **Objectives and outcomes for Programmes**

- To produce professionals with knowledge in energy, availability, and use.
- To produce professionals with improved methods and analysis for efficient utilization of energy, proper operations and maintenance of equipment to minimize energy costs.
- To produce professionals with skills for implementation of energy management projects
- To produce professionals with appropriate knowledge skills to carry out research in Energy Management and implementation and evaluation of Energy Management Projects.
- Develop capacity in Energy Management and implementation of projects for the fulfillment of Vision 2030 objectives.

### **Objectives and outcomes for Master of Science**

- To equip students with knowledge in energy, availability, and use.
- To develop skills required for development, acquisition and application of improved methods and analysis in design, operations and management to minimize energy costs.
- To develop technical as well as financial skills to carry out research in energy management and implementation of energy management projects.

### **Entry Requirements for Postgraduate Diploma**

- A Bachelor's degree in any relevant Engineering or Physical Science discipline and at least two years experience.

### **Entry Requirements for Master of Science**

- Upper Second Bachelor's degree in any relevant Engineering or Physical Science.
- Lower Second Bachelor's degree in any relevant Engineering or Physical Sciences and two years relevant experience.
- A Bachelor's degree with Postgraduate Diploma in Energy Management.
- Pass Bachelor's degree in any relevant Engineering or Physical Sciences and five years relevant experience.