

Call for Application for Admission 2023/2024 Academic Year: Master of Science (MSc) in Electrical Engineering.

The Department of Electrical and Communications Engineering offers a graduate programme leading to the degree of Master of Science (MSc.) in Electrical Engineering with specialisation in the following areas:

- 1. Electrical Power Systems*
- 2. Telecommunications.*

This is done through coursework, examination, and thesis. This MSc. programme is intended to create scholarship, research, and development capability in a specialised area of Electrical Engineering. The programme captures recent developments in innovative research and aims to produce high quality specialists. A graduate of this programme should be able to utilise the acquired knowledge and practical skills to pursue successful professional and leadership careers in the industry as well as in research, innovation, development, and teaching. Through coursework and research, the learner acquires knowledge and fundamental principles of electrical engineering theory and practice. In addition to coursework in the first year, the MSc. student attends seminars and workshops presented by invited speakers from both academia and the industry. In the first semester, the learner shall take common courses and core courses relevant to each area of specialisation. In the second semester, the learner shall pursue two elective courses in the respective area of interest in addition to the core courses. The programme is led by an academic leader assisted by thematic leaders for each of the programme options.

Admission Requirements

To qualify for admission into the programme, a candidate shall normally be a holder of either of the following bachelor's degrees.

- Bachelor's degree in Electrical and Electronics Engineering or bachelor's degree in Electrical and Telecommunications Engineering of Moi university.
- Relevant bachelor's degree of any other accredited university accredited/recognised by Commission for University Education, Kenya.

Specific Objectives of the Programme

This programme is designed to enable learning about:

- Engineering principles, skills and applications in specialised areas of electrical engineering.
- Analysis, design, and evaluation of electrical systems.
- Research, dissemination and development of innovative engineering designs to solve contemporary societal problems.
- Leadership and problem solving skills.

Eligible and interested candidates can apply online here (<https://admissions.mu.ac.ke/>) and attach all required documents. The applicants should request their referees to fill the referee forms that are accessible from here: https://www.mu.ac.ke/images/Students_downloads/referee.pdf and send them to the email address indicated below.

The programs are scheduled to start in September, 2023 at Eldoret town Campus. The duration of the program is 2 years. The duly filled post-graduate application forms should be emailed to the following contact to be received not later than 31st July 2023.

Dean, School of Engineering,

Moi University, Eldoret,

P.O BOX 3900-30100.

Email: deanengineering@mu.ac.ke Copy to: electrical@mu.ac.ke