Programme Competencies

Graduates of this MSc programme will be specialists in the energy sector with the following competencies:

Soft Skills
- Communication
- Problem Solving
- Creativity & Innovation
- Entrepreneurship

Hard Skills
- Design & Analysis
- Modeling & Forecasting
- Planning, Policy & Regulation
- Project Finance & Energy Economics

Entry Requirements
To be admitted, an applicant must have a first degree in engineering, science or equivalent, with at least a lower second class pass. Previous experience in the field of energy will be an added advantage.

We are unique...
Flexible Learning
- Block release
- Part-time option
- e-Learning Management System

Building Entrepreneurial Capacity
- Learner-to-do approach

360° Exposure to Energy Access
- Multidisciplinary
- Gender responsive

Collaboration with Energy Sector
- Market driven
- Practice-oriented
- Influencing energy access policies

International Collaborations
- Students and staff mobility
- Attraction of project financing

CONTACT US
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National University of Lesotho
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MASTER OF SCIENCE (MSc) IN SUSTAINABLE ENERGY
Introduction

As acknowledged by the Lesotho Energy Policy, energy is essential to national economic growth and poverty reduction. The country requires trained manpower to handle energy development projects to facilitate the implementation of the Policy, the National Strategic Development Plan and the United Nations’ Sustainable Development Goals (SDGs). This often requires advanced training, which the undergraduate courses/degrees alone cannot provide. The Energy Research Centre (ERC) runs a unique, multi-disciplinary post-graduate programme in Sustainable Energy, that is in line with the National University of Lesotho’s Strategic Plans.

MSc in Sustainable Energy Courses

- SE 6301 - Solar PV Systems
- SE 6302 - Solar Thermal Systems
- SE 6303 - Bioenergy
- SE 6304 - Wind Energy
- SE 6305 - Hydropower
- SE 6306 - Electrical Power Systems
- SE 6313 - Energy Economics & Project Finance
- SE 6314 - Sust. Energy Solutions for Communities
- SE 6315 - Energy Entrepreneurship
- SE 6316 - Energy Planning and Policy
- SE 7999 - Sustainable Energy Dissertation