



KENYATTA UNIVERSITY
DEPARTMENT OF ENERGY ENGINEERING

MASTER OF SCIENCE IN RENEWABLE ENERGY TECHNOLOGY

1. Preamble

Energy technology is closely related to environmental sustainability and development due to its critical role in processing, micro-enterprise development, security and influence on other development processes. This programme responds to the current global attention on renewable energy for sustainable development. The programme trains in green energy resources, energy management and policy, efficient energy use including geothermal, solar, wind power and bio-energy.

2. Entry requirements

- a) The common regulations for all Master's degree in the University shall apply.
- b) The general regulations for Master's degree in the School of Engineering and Technology shall apply.
- c) The following shall be eligible for admission for Master's degree in Renewable Energy Technology:
 - i) First or Upper Second Class honours' degree in Appropriate Technology, Engineering (including: Agricultural, Civil and Construction, Mechanical, Electrical, Chemical, Petroleum, Biomedical, Aeronautical), Physics, Technology Education and other relevant disciplines from any recognized University.
 - ii) Those with Second Class (Lower Division) may be considered on condition that they have Grade C and above in units relevant to their areas of specialization.

3. Duration

Master of Science in the Department of Energy Engineering shall be by coursework, examination and thesis only. The M.Sc (Renewable Energy Technology) program in the department shall extend over a minimum of eighteen months and a maximum of 36months. Upon successful completion of the coursework and thesis, the candidate shall be awarded an M.Sc Renewable Energy Technology degree.



KENYATTA UNIVERSITY
DEPARTMENT OF ENVIRONMENTAL PLANNING AND MANAGEMENT
DOCTOR OF PHILOSOPHY IN ENVIRONMENTAL PLANNING AND
MANAGEMENT

Mode: Course work, Research and Thesis

1. Rationale of the Programme

Doctoral study in Environmental Planning and Management offers the rewards of conducting research and building theory in an applied professional field. By linking theory to practice, students and staff explore important issues facing cities and regions today. Our focus is on building sustainable and vibrant urban, rural and regional environments and communities through interdisciplinary study and research. The programme allows the PhD students to study units that focus on specialized knowledge of their particular fields and advanced research methodologies in order to develop confidence, research expertise and breadth of knowledge that enhance the central PhD project. The coursework is designed to offer high-level engagement with the key literature and research in the specific discipline(s) in one's research area.

2. Admission requirements:

The following shall be eligible for admission:

- a) A holder of a Master of Environmental Planning and Management Degree or its equivalent from Kenyatta University or any other institution recognized by Kenyatta University Senate
- b) A holder of Master's degree from institution recognized by Kenyatta University Senate in area of specialization in urban and regional planning, transportation planning, Disaster Management, Waste Management, Climate Change Planning, Environmental Policy.
- c) A holder of a Master's degree from Kenyatta University in areas of specialization relevant to the disciplines in the School of Environmental Studies or any other institution recognized by Kenyatta University Senate
- d) Bachelor's degree in relevant field with at-least Second Class Upper.

3. Duration

Three years.



KENYATTA UNIVERSITY
DEPARTMENT OF BIOCHEMISTRY, MICROBIOLOGY AND
BIOTECHNOLOGY

DOCTOR OF PHILOSOPHY IN BIOTECHNOLOGY

1. Preamble

The programme trains researchers in application of biotechnology to enhance food security and nutrition through molecular biology, marker assisted breeding, bioprospecting for medicinal and nutrition enhancing properties in plants, germplasm cleaning and conservation, regeneration through embryo rescue and advanced plant propagation systems, tissue culture. The programme is a recognized regional training center with past students from Malawi, Uganda, Tanzania, Ethiopia, Sudan and excellent networks locally, in S. Africa, US and EU. The programme maintains a Biosafety level II lab and is accredited to the International Center for Genetic Engineering and Biotechnology (ICGEB).

2. Entry requirements

Master's Degree in Biological Sciences from Kenyatta University or other recognized institutions.

3. Duration

Three years.