

## **Rationale**

Some of the Kenya's most pressing environmental problems include loss of biodiversity; destruction of water catchments; high pressure on energy resources; pollution of atmosphere, soil and water resources and deterioration of the social environment, including human settlement and workplace. Given these environmental problems, there is need to develop professional and research capabilities in all major areas of environment which are of local, national and regional significance. This will contribute to the resolution of national environmental issues by producing professionals equipped with knowledge, awareness, understanding, skills and concern for the environment, so as to incorporate environmental considerations in all national development strategies and plans.

For many centuries, humans have continued to draw all the support resources from the environment. In most cases, the by-products of the resources used are dumped in the environment. In addition, there is lack of sustainable resource use. This has brought about a myriad of environmental challenges which are of local, regional and global concern.

There is need therefore to train environmental custodians at all levels. This programme is designed to help students appreciate the concerns for the environment and equip students with skills for mitigating and/or solving both local and global environmental problems.

### **Programme Objectives**

- i) Develop Professional and Research capabilities in major areas of environment.
  
- ii) Develop Mid-Career professionals in various fields in maintaining environmental

integrity in relation to human development.

iii) Produce graduates grounded in their areas of specialization yet more holistic in

their approach to environmental issues

### **Admission Requirements**

Applicants should be holders of B.Sc in Environmental Science, or related disciplines

with a minimum of Second Class Honours upper division. from Egerton University or any

other recognized University. Under special circumstances and based on other University

requirements, candidates with Second Class Honours lower division. shall be considered.

### **Course Structure and Duration**

The M.Sc programme will extend for a minimum period of 18 months and a maximum of

36 months of which the first 12 months must be spent in the University. The rest of the

period will be spent on thesis research. At least forty-five 45. credit factors CF. of

graduate work are required for the award of Master of Science in Environmental Science.

This includes 15 C.F for thesis, and 16 C.F. of core courses. The rest are required through

elective courses. Graduate courses leading to the degree of Master of Science in

Environmental Science shall be coded ENSC. Course numbers shall consist of three digits

and serialized from 700 and above. Courses offered in other departments shall retain their

respective coding. All candidates shall conduct independent research, with the direction

of a subject specialist, write and submit a thesis, in partial fulfilment for Master of

Science in Environmental Science. The thesis shall be awarded grade 'P' if accepted or

'F' if it is not. The regulations of the Board of Post Graduate Studies shall apply in the

Submission and examination of theses.

### **Examination regulations**

All examinations for the MSc in Environmental Science shall be conducted in accordance

with examination regulations as stipulated in Egerton University Statute XXIX.

### **Grading**

The grading of examination for MSc Environmental Science shall be in accordance with

Egerton University Statute XXIX.

### **Graduation Requirements**

To graduate a student shall be required to take and pass all required courses within the stipulated time.

### **Degree Classification**

The MSc Environmental Science is not classified