

Rationale

Arid and semi-arid lands (ASALs) occupy 80% of Kenya's total land surface. Despite its fragile nature, ASALs serve as important biodiversity reservoirs, wildlife habitat, and a resource for livestock production, various minerals, renewable energy and landscape of great attraction. Sustained productivity from these ASAL ecosystems is needed for economic and social development of the country in line with vision 2030. The programme is intended to produce specialists in range resource management and dryland farming.

Programme Objectives

The curriculum is designed especially to promote the following skills/ objectives;

- i) To assess the quality and quantity of ASAL resources and their influence upon resource production.

- ii) To integrate this knowledge into management recommendation and to evaluate different strategies from the aspect of sustainability.

- iii) To reduce or overcome infrastructural constraints and limitations with regard to market and trade restrictions and, therefore, enhancing the marketability of dryland farm products.

- iv) Enhance conservation of biodiversity through nature-based tourism.

- v) Equip stakeholders with relevant education in natural resource management and dryland farming.

- vi) Create entrepreneurship attitude among graduates of this programme.

Admission Requirements

Candidates must have achieved the minimum entry requirements for university, and at

least grade B- in Biology or B in Biological Sciences, B- in Geography, C+ in Chemistry

or B- in Physical Sciences and C+ in Mathematics at K.C.S.E. or equivalent

examinations. An added advantage will be given to candidates who have passed with at

least a C grade in Agriculture or Economics at K.C.S.E or equivalent examination.

Admission will also be granted to outstanding Diploma holders who have passed with

Distinction, Credit or equivalent in Range Management, Animal Husbandry, Forestry,

Animal Health, Wildlife and other related fields recognized by the University Senate.

These categories of students will qualify for a maximum of 30% credit transfer and thus

shortening the duration of their course.

Course Structure and Duration

Regular students will take four academic years. Part-time students shall be put on a tailor-made programme to ensure that they cover all the C.Fs required. To graduate from this

programme, a student must have acquired the CF of 199.5.

The coding of courses offered by the Department Natural Resources is represented by

DLRM followed by a three digit figure: The first digit represents the year in which the

course is offered to undergraduate students. The second digit represents the nature of the

course within the department.

i. 0 indicates introductory courses,

ii. 1 principle courses,

iii. 2 energy courses,

iv. 3 climate,

v. 4 management,

vi. 5 Applied courses

vii. 6 planning courses

viii. 7 research seminars, and student projects

ix. 8 policy, law and administration

The third digit represents the serial number of the course

Examination regulations

All examinations for the B Sc. in Dryland Resources Management shall be conducted in

accordance with examination regulations as stipulated in Egerton University Statute

XXVIII.

Grading

The grading of examination for B Sc. in Dryland Resources Management shall be in accordance with Egerton University Statute XXVIII.

Graduation Requirements

To graduate with a B Sc. in Dryland Resources Management a student shall be required to take and pass all required courses within the stipulated time.

Degree Classification

The classification for B Sc. Dryland Resources Management shall be in accordance with Egerton University Statute XXVIII for undergraduate students

