

MASTER OF EDUCATION IN PLANNING AND ECONOMICS OF EDUCATION

1.0 INTRODUCTION

The Faculty of Education will offer the Masters degree in Planning and Economics of Education. It is therefore important to meet this demand for teachers with advanced knowledge in Education by providing relevant programmes. The programme is also designed for persons who want to undertake or upgrade their teacher education and training.

2.0 PROGRAMME OBJECTIVES

The objectives of the programme are as follows;

- a) To prepare persons who can effectively teach in various educational institutions.
- b) To prepare education professionals to undertake leadership positions in the field of education.

3.0 ADMISSION REQUIREMENTS

3.1 The common regulations for Masters Degree of Jaramogi Oginga Odinga University of Science and Technology shall apply.

3.2 To be eligible for admission into any of the M.Ed. programmes, a candidate must be a holder of any one of the following qualifications:

- a) At least lower Second class honours B.Ed. degree from Jaramogi Oginga Odinga University of Science and Technology or any other recognized institution of higher learning.
- ii) Bachelor of Arts (BA) or Bachelor of Science (BSc) degree with Postgraduate Diploma in Education (PGDE) from At least lower Second class honours B.Ed. degree from Jaramogi Oginga Odinga University of Science and Technology or any other recognized institution of higher learning.
- iii) Such other academic and professional qualification equivalent to Nos. (i) and (ii) above and approved by the Department, the Faculty and Senate.
- iv) Teaching experience in an educational institution will be an added advantage.

4.0 CREDIT TRANSFER

A candidate may be exempted from some course units and credit(s) transferred from institutions recognized by the Senate, subject to the following conditions:

- a) Must have passed in similar course units at Master's level. Request for exemption should be made in writing to the Director, Board of Postgraduate Studies through the Dean of the respective School and must be accompanied by officially endorsed supporting documents.
- b) Candidates may be allowed to transfer up to one third (1/3) of the total number of course units.
- c) Application for transfer will be processed only after payment of the prescribed fees.

5.0 COURSE STRUCTURE AND DURATION

- a) The Masters' course shall normally take two years covering 4 semesters offered by unit method.
- b) Courses shall be offered in units. A course unit is defined as that part of a semester subject described by coherent syllabus and taught normally over a period of a semester. It is designated as a total of 42 hours of study in a semester. For this purpose, one 1-hour lecture is equivalent 2-hours tutorial or 3-hours practical or any combination as may be approved by the Board of the School.
- c) Part-time students shall be allowed to take not less than 50% of the courses prescribed for the year.
- d) All course units will be taught for a total of 42 contact hours, including examinations except project work which will take 480 hours of practical work and project writing.

6.0 BASIC REQUIREMENTS

All core courses are compulsory; however, students can take additional electives courses up to a maximum of the six units.

7.0 EXAMINATIONS REGULATIONS

University College Examinations rules and regulation shall apply.

8.0 COURSE DISTRIBUTION

First Year of Registration (8 weeks of Lectures and 1 week of Examinations)

EMA 821	Research Methods I	3
EMA 842	Methodologies of Educational Planning	3
EMA 847	Education and Economic Growth	3
EMA 856	Current Issues in Educational Development in Kenya	3

ELECTIVES

EMA 841	Problems of Educational Planning in Third World Countries	3
EMA 848	Demand and Supply of Education	3
EMA 851	Efficiency and Equity in Education	3

Second Year (8 weeks of lectures + 1 week of Examination)

EMA 840:	Research Methods II	3
EMA 843:	Quantitative Analysis in Educational Planning	3
EMA 852:	Financing of Education	3
EMA 853	Cost-Benefit Analysis in Education	3
EMA 850	Human Capital in Economics of Education	3

ELECTIVES

EMA 844:	Educational Building and Facilities	3
EMA 845:	Micro (Project) Planning in Education	3
EMA 846:	Population Studies for Education Planning	3

Third Year Through to end of the Registration period

EMA 854:	Research Project	6
	Proposal and fieldwork	6
	Thesis	

COURSE DESCRIPTIONS

EMA 821: Research Methods Course (3 units)

Selecting and shaping research topics; preparing research proposals; research methods, designs and procedure experimental and quasi-experimental methods, survey methods, qualitative methods; data collection; data processing and analysis.

EMA 840: Research Methods in Educational Planning and Economics of Economics of Education

Research methods applicable in Educational Planning and Economics of Education; choosing a study; writing a proposal; designing methods, procedures and instruments; collecting and analyzing data.

EMA 841: Problems of Educational Planning in Third world countries

The politics of education and Educational Planning; implementation of educational projects without planning; scarcity of resources; statistical data scarcity; the problem of rapid population growth.

EMA 842: Methodologies of Educational Planning (3 units)

The social demand/cultural approach; the manpower requirements approach; the ration-of-returns-to-education/cost-benefit approach; the basic needs approach.

EMA 843: Qualitative Analysis in Educational Planning (3 units)

The importance of statistics in Educational Planning; methods of analysis and appraisal of time-series data; the use of individualized data and cohort analysis as analytic tools in Equation

Planning; projections; methods of allocation of costs; feasibility testing and consideration of alternatives.

EMA 844: Educational Buildings and Facilities (3 units)

Theoretical and practical procedures in developing written specifications for the school plan; master planning; details of programming; site selecting; constructing, maintaining and equipping the school plants; preparing checklist for regular inspections and building maintenance.

EMA 845: MICRO (Project) Planning in Education (3 units)

The application of techniques of network analysis to project planning and implementation at the school level: PERT; CPM; activity times; project completion time; crashing a project; finding the least cost.

EMA 846: Population studies for Education Planning (3 units)

Methods of collecting demographic data; statistic population distribution and location of education institutions; tackling the educational problems of migrant population; dynamic population: methods of measuring fertility and mortality, techniques used in population projection, projecting school-age population, the value of population projections in Educational Planning.

EMA 847: Education and Economic Growth (3 units)

Education as consumption and investment a historical perspective; contemporary thought on education and economic growth; the residual factor; the creation of human capital; increases in education indices and increases in economic growth indices.

EMA 848: Demand and Supply of Education (3 units)

The economic law of demand and supply; applicability the law of demand and supply to the analysis of education; factors affecting the demand for education; factors affecting the supply of education; the trend of demand and supply of education in Kenya.

EMA 850: Human Capital in economics of Education (3 units)

The concept of human capital a historical perspective objections to term “Human Capital”. The screening hypothesis; segmentation of labour; internal labour market; economics of training.

EMA 851: Efficiency and Equity in Education (3 units)

The concepts of efficiency and equity; methods of measuring internal external efficiency of the educational system; equity consideration index; the Lorenz curve.

EMA 852: Financing Education (3 units)

Trends in development and recurrent budget and allocation there from to education; allocation to education as a proportion of GNP; assessment of the sufficiency of allocations to education; issues in financing education for Socio-Economic growth; student financing methods; unit-costs.

EMA 853: Cost-Benefit Analysis in Education (3 units)

Conscious and unconscious investment consideration in education; private and social distinction in cost-benefit analysis; the measurement of direct and indirect costs; the measurement of direct and indirect benefits; problems of measuring costs and benefits in education; the value of cost-benefits analysis in education.

EMA 854: Research Project (3 units)

This will incorporate the presentation of a proposal as well as thesis writing. Students shall select a topic for study, write a proposal, design methods procedures, collect data, analysis data and write up their reports under the guidance of supervisors and thesis committee.

EMA 855 Courses Outside the Department (3 Units)

Students enrolled in Educational Planning and Economics of Education will be required to take courses from outside the Department of Educational Management totaling three units.

EMA 856 Current Issues in Educational Development in Kenya (3 Units)

This course will focus on issues in Educational Administration, Planning and Economics of Education and Curriculum Development, which currently influence educational trends in the context of Kenya's development. The course will accordingly discuss topics such as: the structure and organization of educational organization; leadership in Educational Administration; educational personnel policies and their implementation; innovation in curriculum development and implementation of educational innovations.