FOM 4201 LAND USE POLICY AND LAWS

COURSE NAME: LAND USE POLICY AND LAWS
COURSE CODE: FOM 3206
CREDIT UNITS: 4 CU
CONTACT HOURS: 45

Course Description

The course will cover an overview on natural resource policies and laws in Uganda and principles of natural resource Policy Development, Analysis and Advocacy. The policies to be considered will be those of Forestry and the allied Natural Resources

Objectives

To understand various approaches to natural resource policy formulation
To understand the types of policy evaluation and analyses
To explain existing policies and laws that impact on natural resource management in Uganda

Learning Outcomes

At the end of the course students should be able to;

- Develop, evaluate and analyse natural resource policies
- Offer professional advice to policy makers in developing policies and laws that impact on natural resource management
- Interpret existing natural resource policies and Laws in Uganda

Course Outline

- Introduction and definitions of important concepts (6 LH)
- Rationale for natural resource policies and laws (4 LH, 10 TH)
- Background on natural resource Policy regime in Uganda (12 LH)
- General Characteristics of natural resource Policies (8 LH, 10 TH)
- Principles of natural resource Policy Development (5 LH, 10 TH)
- Evolution and Analysis of natural resource Policies and Laws in Uganda (10 LH)

Mode of delivery

Lectures: 30LH
Tutorials: 30 TH

Mode of assessment

Continuous assessment (coursework, test) = 40%
University examinations = 60%

Basic Reading List

Anderson J. 1984. Public Policy-Making 3rd Ed. Holt, Renehart & Winston: New York.
Baner R.A and K.J. Gergen 1968. The Study of Policy Formulation Mac-Millan Company: New York.
Bridgman P and Davis G 2003. what use is a policy cycle? Plenty, if the aim is clear. *The Australian journal of public administration*, vol. 62 (3) 98-102
The Constitution of the Republic of Uganda, 1995
The Local Governments Act, 1997
The Land Act, 1998.
The Uganda Forestry Policy, 2001

The National Environment Management Policy for Uganda, 1994.
The National Environment Management Statute, 1995.
The National Soils Policy, 2000
The Uganda Wildlife Policy, 1999.
The draft NationalLand use policy
The Uganda Wildlife Statute, 1996

ELECTIVE COURSES (AT LEAST ONE)

Course Name: Land Evaluation for Irrigation
Course Code: AEN 4208
Course Level: Level 4
Course Credit: 3CU
Instructor: Mr. Iwadra Michael
MSc Water Resources Engineering (Belgium),
MSc Hydrotechnics: Irrigation and Drainage Engineering (Moldavia),
Diploma in Agricultural Mechanics (Uganda),
Certificate in Land Drainage (ILRI, Wageningen, The Netherlands),
Certificate in Pressurized Irrigation, Israel,.
Associate member of Ugandan Institute of Professional Engineers (UIPE)
Member of American Society of Agricultural Fulltime Lecturer.

Course description
This course introduces students to concepts of assessing land for irrigation and their practical application

Course Objectives
At the end of this course students are:

- To understand the concepts and principles of land evaluation for irrigation
- To have competence in evaluating land for irrigation.

Course Outline

Land Evaluation Framework (3HR)
- Definition of and importance of land evaluation
- Land evaluation frame work

Soil data inventory (6HR)
- Physical soil characteristics
- Chemical soil characteristics
- mineralogical soil characteristics

Climatic data inventory (3HR)
- Radiation data
- Temperature data
- Relative humidity data

- Wind speed and direction data
- Evapotranspiration data
- Rainfall data

Socio-economic data inventory (6HR)

- Present farming practices
- Infrastructure
- Economic environment
- Demographic data
- Institutional factors
- Land use and ownership

Environmental guidelines for irrigation; and guidelines for forecasting vector-borne diseases (3HR)

- Guidelines inventory and application

Land Evaluation Process (9HR)

- Land evaluation process
- Assignments and seminars on land evaluation process.

Land Evaluation for Irrigation (15HR)

- Land evaluation for irrigation
- Assignments and seminars on land evaluation for irrigation.

Delivery Methods

- Lectures
- Exercises/Tutorials
- Seminars/workshops

Evaluation System:

Course Work Assessment

i. Assignment (at least one): 20 %
ii. Tests (at least 2): 20%

University Examination
(Presentation of evaluation work and report) 60%

Available Resources

- Lecture room (Animal Annex)
- Computer laboratory/IT
- Book bank
- Irrigation Demonstration and Research field at MUARIK
- Workshop/Laboratory , drawing room
- Office space
- Van for practical field visits

Suggested reading List

- Sys C, E. Van Ranst and J. Debaveye, 1991. Land EvaluationPartI. Agricultural Publication N° 7, Belgium.
- Sys C, E. Van Ranst and J. Debaveye, 1991. Land Evaluation Part II. Agricultural Publication N° 7, Belgium.
- Sys C, E. Van Ranst and J. Debaveye, 1991. Land Evaluation Part III. Agricultural Publication N° 7, Belgium.
- FAO Publications on Land Evaluation
- Hansen V. E., O. W. Israelsen and G. E. Stringham, 1962. Irrigation Principles and Practices. John Wiley and sons, Inc.
- Michael, A. M., 1978. Irrigation Theory and Practice. Vikas Publishing House PVT, New Delhi.
- Punmia B. C. and B. B. L. Pande, 1987. Irrigation and WaterPower Engineering. N.C. Jain, Delhi.
- Schwab, O. G., K. R. Frevert, T. W. Edmister and K. K. Barnes, 1981. Soil and Water Conservation Engineering. John Wiley & Sons, New York
- Final year Projects on Irrigation and other literature on Irrigation.