

POSTGRADUATE DIPLOMA IN METEOROLOGY (GMET)

Objectives

The main objective is to train professional Meteorological and Atmospheric scientists to staff Meteorological Institutions as well as other cross-sectoral applications like Agriculture, Water Development, Tourism etc.

The secondary objectives include the strengthening of the national research capability in fields of applied Meteorology as well as atmospheric sciences so as to adequately handle Ugandan issues of climatic variability and change, Climatic impacts, Agricultural Meteorology, Hydrometeorology, and short, medium to long range forecasting.

The programme will also be beneficial to Makerere University Staff Development.

Programme Structure

All courses in Meteorology are Core and Compulsory.

Semester I		
Course Code	Course Name	CU
GMR 6101	Meteorological Instruments & Observation Methods	3
GMR 6102	Physical Meteorology I	3
GMR 6103	Dynamics of Atmospheric Motions I	3
GMR 6105	Synoptic Meteorology	3
GMR 6106	Statistical Methods in Meteorology	3
	Total Semester CU	18
Semester II		
GMR 520	Physical Meteorology II	3
GMR 521	Micrometeorology & Cloud Physics	3
GMR 522	Dynamics of Atmosphere Motions II	3
GMR 523	Tropical Meteorology	3
GMR 524	Agro meteorology & Hydrometeorology	3
GMR 525	Project Work	3
	Total Semester II Credit (Course) Units	18
Total Course (credit) Units for the PGD in Meteorology		36

POSTGRADUATE DIPLOMA IN ENVIRONMENTAL JOURNALISM AND COMMUNICATION (GEJC)

Objectives

The general objective of the journalism and communication training programme is to improve the quality of environmental reporting in the media in the Eastern Africa region through training, networking; community outreach; and developing positive attitudes toward sustainable management of resources through the media. The regional programme also aims at creating a cadre of experts in environmental journalism and communication, who will be based at Makerere University to spearhead training in environmental journalism through training, networking; community outreach; and developing positive attitudes toward sustainable management of

resources through the media. The regional programme also aims at creating a cadre of experts in environmental journalism and communication, who will be based at Makerere University to spearhead regional training in environmental journalism and communication through training, networking, community outreach, and developing positive attitudes toward sustainable management of resources through the media.

Specific Objectives

- To train environmental journalists in the Eastern Africa region in a one year practical-oriented, specialised programme leading to the award of a

Postgraduate Diploma in Environmental Journalism and Communication.

- To enable graduates in a variety of fields to gain skills in environmental reporting and communication.
- To help journalists gain a deeper understanding of the environment and improve their reporting in the field.
- To meet the needs of journalists and communicators who want to specialise in environmental journalism at a higher level.
- To create the needs of journalists and communication experts that can handle environmental issues with interest and responsibility.
- To build the human resource capacity of media houses, training institutions and environmental organisations in environmental reporting.

Programme Structure

Layout of Courses

Year I: Semester I (Core Courses)		
Course Code	Course Name	CU
DEJC 600	Introduction to Journalism, Media & Communication	3
DEJC 601	Introduction to Environmental Management	3

DEJC 602	Development Support Communication	3
DEJC 603	Environmental Information Packaging and Reporting	3
DEJC 604	Environmental Message Design and Communication	3
DEJC 605	Communication Law, Policy & Regulation	3
DEJC 606	Investigative and Interpretative Reporting	3
DEJC 607	Research Methodology	3
Semester II (Core Courses)		
DEJC 608	Environmental Law & Policy	3
DEJC 609	Gender and the Environment	3
Elective Courses		
DEJC 610	Environmental Economics	3
DEJC 611	World Environments & Agricultural Geography	3
DEJC 612	Sociology and the Environment	3
DEJC 613	Environmental Health Communication	3
DEJC 614	Forestry Resources Management	3
DEJC 615	Issues in Zoology, Environment & Communication	3
DEJC 616	Veterinary Resources, Environment & Communication	3

MASTER OF ARTS IN LAND USE AND REGIONAL DEVELOPMENT [MLRD]

Programme Structure

Year I: Semester I		
Course Code	Course Name	CU
LUD 7101	Land Evaluation and Land Use Planning	4
LUD 7102	Vocational Analysis	4
LUD 7103	Research Methods Analytical Techniques	4
LUD 7104	Spatial Aspects of Rural Development	4
LUD 7105	Soil Classification and Management	4
LUD 7106	Geomorphic Landforms and Processes	4
LUD 7107	Settlement Systems	4

Semester II		
LUD 7201	Geographical Information System (GIS)	4
LUD 7202	Resources and Development	4
LUD 7203	Regional Development and Urban Planning	4
LUD 7204	Population Analysis	4
LUD 7205	Climatology and Regional Development	4
LUD 7206	Biogeography	4
LUD 7207	Applied Political Geography	4