

## 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         |
|   | <b>Total Semester CU</b>                         | <b>18</b> |
| 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         |
|   | <b>Total Semester II Credit (Course) Units</b>   | <b>18</b> |
| <b>Total Course (credit) Units for the PGD in Meteorology</b> |  | <b>36</b> |

## 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