

# Master of Science in Environment Management, Makerere University

## Objectives:

The objectives of the program are to:

- a) Equip students with knowledge of environmental systems and appreciate the need for sustainable use of natural resources for development;
- b) Promote the use of scientific knowledge in environmental management;
- c) Enable students acquire skills and capacity for environmental research;
- d) Promote the use of appropriate technology in harnessing natural resources;
- e) Enable students acquire skills to effectively disseminate environmental knowledge;
- f) Promote the use of inter-disciplinary approach in environmental conservation and management;
- g) Enable students develop the conservation ethics for environmental conservation;
- h) Equip students with the right attitudes and develop necessary skills to address environment and natural resources challenges and make informed decisions depending on the circumstances.

## Structure and content:

### Semester 1

#### Core courses

- ENR 7106: Environment and Development
- ENR 7107: Environmental Impact Assessments & Monitoring
- LUD 7101: Research Methods and Analytical Techniques
- ENR 7111: Remote sensing and GIS in Natural Resource Management
- ENR 7113: Natural Resource Economics and Valuation
- ENR 7201: Field Course

### Semester 2

#### Core courses

- FOR 7101: Applied Statistics and Biometry
- ENR 7235: Strategic Environmental Assessments
- ENR 7236: Vulnerability and Risk Assessment

#### Elective courses (Choose 1 elective)

- ENR 7221: Project planning and management
- FOM 7103: Landscape Ecology & Management
- CCS 7201: Climate change Mitigation and Adaptation
- ENR 7222: Biodiversity survey and analysis

### Semester 3 & 4

- ENR 8101: Seminar Series I (Semester I),
- ENR 8201: Seminar series II (Semester II)
- ENR 8208: Research and production of a dissertation

**Total credits: 60**