

MASTERS OF SCIENCE IN PHARMACOLOGY (MSc.. PHARMACOLOGY)

Objectives

The objective of the course is to give a sound basic knowledge of Pharmacology and experimental techniques used in assessing pharmacological responses in biological systems to drugs. Candidates will also gain insight on how various chemicals affect cellular systems. At the end of the programme, candidates are expected to have achieved independence in planning, designing and executing pharmacological experiments.

Programme Structure

Year I: Semester I		
Course Code	Course	CU
PHA 7111	Recent Advances in General Pharmacology, Neuropharmacology, Psychopharmacology and Toxicology Clinical Trials	5
PHA 7112	Recent Advances in Renal GIT,CVS & Respiratory Physiology	4

PHA 7113	Biochemistry of Pharmacokinetics and Drug Disposition	2
PHA 7114	Epidemiology, Biostatistics & Research Methods	2
Semester II		
PHA 7121	Advanced in Chemotherapy & Chemoprophylaxis Systemic Pharmacology, Cancer Chemotherapy	5
PHA 7122	Advanced Endocrine & Reproductive Physiology, Neurophysiology	4
PHA 7123	Biochemistry of Pharmacodynamics and Drug Interactions	2
Recess Term		
PHA 7135	Health Systems, Management	4
Year II		
	Dissertation	

MASTER OF SCIENCE IN MEDICAL ILLUSTRATION (MSC. MED ILL)

Objectives

- i) To train and produce high calibre personnel who will make quality illustrations for educational materials such as books, reports, pamphlets, journals and manuals in the field of human and Veterinary Medicine, Biology, Nursing, Dentistry and Public Health prevention programmes.
- ii) To produce personnel who can make self-instructional materials, teaching packages, three dimensional casts of normal and abnormal structures like limbs and organs which will improve on the quality of instruction and communication of Health related information.
- iii) To promote capacity building in the field of Medical Illustration.
- iv) To act as a regional training ground for professionals in Africa.

Programme Structure

Master of Science in Medical Illustrations is semesterized according to the Makerere University Senate regulations. The programme

shall be conducted by course work, presentation of exhibitions, promotions and dissertation. Each academic year will have two semesters. It will be a full time study programme.

Options

The programme has two options

Option A: Graphics and Medical Sculpture

Option B: Photography and Film Production

First year is reserved for Core courses for both options.

Second year is for specialization. In each option, there are three aspects of academic work to be covered.

Programme Structure

Year I: Semester I		
Course Code	Course	CU
MI 7111	Systemic Anatomy I	4
MI 7112	Systemic Anatomy II	4
MI 7113	Photography I	4
MI 7114	Fundamentals of epidemiology, biostatistics & Res. Methods	3
Semester II		
MI 7121	Administration & Management	4