

**Year III - 12 months**

Continues with academic and clinical work as for Years I and II.

**In addition**

- (a) Undergoes specialised training in;
- Audiology
  - Temporal bone surgery.
  - Upper aerodigestive endoscopy.
  - Microsurgery of the ear, Head and Neck.
  - Head and Neck Oncology
  - Plastic and reconstructive and neck surgery
- (b) Is instructed and assisted to perform more advanced and complicated surgical procedures.
- (c) Continuing his dissertation which must be handed in 3 months prior to final exam.

- (d) Revision
- (e) Final examination set by the University consisting of:
- (i) 3 written papers;
- paper 1 Principles of Surgery  
3 hours
  - “ II E.N.T  
3 hours
  - “ III E.N.T  
3 hours
- (ii) Clinical examination;
- Long cases  
30 minutes
  - Short cases  
30 minutes
- iii) Viva Voce  
20 minutes

**MASTER OF MEDICINE IN OTORHINOLARYNGOLOGY, HEAD AND NECK SURGERY (M.MED OHNS)**

**Introduction**

The Master of Medicine course in Ear, Nose and Throat Surgery, was started in the early nineteen seventies. However, it wasn't until 1978 that the first graduate, wholly trained by Makerere University came out. Since then, many have followed suite.

However, the increase in the population of Uganda, coupled with increased health awareness, has continued to extend an ever increasingly demanding hand on this specialty in particular and health care in general.

Simultaneously, scientific and technological advancement have continued to improve health care in the world, Uganda inclusive. Some of the fruits of these changes have seen improvement in the care and habilitation of patients with hearing impairment, head and neck cancer and other conditions.

The E.N.T. Department, Makerere University has therefore, come up with this programme to guide the training of specialists to face the challenges of the people of Uganda, in particular and the international community in general, in Otorhinolaryngology, Head and Neck Surgery.

**Objectives**

To train specialists, who can manage all Otorhinolaryngological, Head and Neck surgical conditions prevalent in this region, in the hospital and in the community.

To assist develop trainees research skills, necessary to carry out operational research in the clinics and the community.

**Programme Structure**

Year I: Semester I		
Course Code	Course	CU
ORL 7111	Advanced Anatomy of the Head and Neck, Chest and Central Nervous System	4
ORL 7112	Physiological regulation and Advanced Physiology of the Renal, Gastro Intestinal Tract, Blood, Cardiovascular and Respiratory systems	3
ORL 7113	Pathological Techniques, Cell Biology, Genetics, Forensic Medicine and Medical Ethics	3
ORL 7114	Advanced Microbiology and Laboratory Techniques in Immunology, Bacteriology and Virology	3
ORL 7115	Epidemiology, Biostastics and Research Methods	3

<b>Semester II</b>		
ORL 7121	Surgical Anatomy of the head and neck and Microsurgery of the temporal bone and skull base	5
ORL 7122	Advanced Endocrinology and Neurophysiology	3
ORL 7123	Advanced Systemic Pathology, Hematology and Endocrine Pathology	3
ORL 7124	Advanced Mycology and Medical Parasitology and Microbiological basis of Head and Neck Surgery and Hospital Infection Control	4
<b>Recess Term</b>		
ORL 7131	Ultra Anatomy, Physiology and Pathophysiology of the Ear, Nose and Throat and Upper Aero Digestive Tract	3
ORL 7132	Health Systems Management	4
<b>Year II: Semester I</b>		
ORL 7211	Audiology and Speech Pathology	3
ORL 7212	Advanced Clinical, Diagnostic and Therapeutic Techniques in ENT/HNS	4
ORL 7213	Clinical Clerkship and Field Work I	5
ORL 7214	Operative Surgery I	3

<b>Semester II</b>		
ORL 7221	Otology	5
ORL 7222	Clinical Clerkship and field work II	5
ORL 7223	Operative Surgery II	5
<b>Recess Term</b>		
ORL 7231	Rhinology	4
ORL 7232	Clinical Clerkship III (elective period)	3
ORL 7233	Operative Surgery III (elective period)	3
<b>Year III: Semester I</b>		
ORL 7311	Laryngology and Head and Neck Surgery	5
ORL 7312	Clinical Clerkship IV	5
ORL 7313	Operative Surgery IV	5
<b>Semester II</b>		
ORL 7321	Head and Neck Oncology	3
ORL 7322	Clinical Clerkship V	3
ORL 7323	Operative Surgery V	3
	Dissertation write up and revision	

## **MASTER OF MEDICINE-RADIOLOGY (M.MED RAD)**

### **Objectives**

To train and produce competent men and women who can participate as specialists in the clinical diagnosis and management of the full range of diseases where radiology and imaging is applicable. Due emphasis will be given to the common diseases in the tropics.

To produce personnel who can have adequate knowledge and skills in radiology.

To produce Radiologists who will enhance knowledge and practise of medicine and science by carrying out appropriate research and reporting their findings at scientific fora and through publications both locally and internationally.

### **Programme Structure**

<b>Year I: Semester I</b>		
Course Code	Course	CU
RAD 7111	Radiological Anatomy & Special Radiological Techniques I	5
RAD 7112	Radiological Physics I	5
RAD 7113	Radiography and Radiographic Photography I	5
<b>Semester II</b>		
RAD 7121	Radiological Anatomy and Special Radiology Techniques II	5
RAD 7122	Computer Science	3
RAD 7123	Epidemiology Biostatistics and Research Methods	2
RAD 7124	Radiological Physics II	2