

## MASTER OF MEDICINE (GENERAL SURGERY)

### General objectives

1. Clinical and operative competence in both emergency and elective General Surgery. Additionally they require knowledge and experience across a wide range of surgery to ensure appropriate referral.
2. The competence to be responsible, as a consultant for both the emergency admissions in General Surgery and internal referrals.
3. Appropriate skills in:  
Gastro-intestinal endoscopy  
Endoscopic Surgery
4. Knowledge of the Basic Sciences related to General Surgery and the Trainee's sub-specialty, including relevant specialist applied anatomy.
5. As a consultant, to help medical students, interns and other health personnel reach rational surgical decisions.
6. The ability to work as a member of a clinical team, bearing in mind the needs of the service and the hospital.
7. An understanding of the particular requirements of day care surgery.
8. A knowledge of palliative care.
9. A knowledge of subjects such as Medical Ethics, Health Economics, Medico-Legal matters, Risk Management, Medical Statistics, Information Technology and, Health Service Management (Result Oriented Management).
10. A knowledge and experience of Clinical Audit.
11. An understanding of Research Methods.
12. To be able to publicly communicate with other health workers at scientific meetings.

### Specific objectives of training (Long Term Goals)

To provide Surgeons who are well grounded in the Science and Art of Surgery who will in turn provide:

- i) Quality care for patients under their care.
- ii) Quality research on prevention and management of surgical disease.
- iii) Quality teaching of Surgery to fellow

Surgeons, other health workers, and medical students in particular and the public in general.

### Programme Structure

| Year I: Semester I   |   |    |
|----------------------|---|----|
| Course Code          | Course  | CU |
| MMS 7111             | Essential Surgical Skills   | 2  |
| MMS 7112             | Epidemiology, Biostatistics and Research Methods                                  | 2  |
| MMS 7113             | Surgical Anatomy of the Limbs   | 2  |
| MMS 7114             | Surgical Physiology of the CVS, RS & GIT  | 3  |
| MMS 7115             | Surgical Pathology/Microbiology of the CVS, RS & GIT                              | 3  |
| MMS 7116             | Applied Anatomy of the Trunk  | 3  |
| Semester II          |   |    |
| MMS 7121             | Clinical Anatomy of the Head and Neck   | 3  |
| MMS 7122             | Surgical Endocrinology Neuro & Renal Physiology                                   | 5  |
| MMS 7123             | Surgical Pathology & Microbiology of the Musculo-Skeletal & Genitourinary systems | 5  |
| MMS 7124             | Neurosurgical Anatomy   | 2  |
| Recess Term          |   |    |
| MMS 7131             | Health Systems Management   | 4  |
| Year II: Semester I  |   |    |
| MMS 7211             | Surgical Oncology & Immunology  | 5  |
| MMS 7212             | Abdominal Surgery   | 5  |
| Semester II          |   |    |
| MMS 7221             | Orthopaedics & Traumatology   | 5  |
| MMS 7222             | Plastic and Vascular Surgery  | 3  |
| MMS 7223             | Surgical Radiology  | 2  |
| Recess Term          |   |    |
| MMS 7231             | Paediatric & Urological Surgery   | 5  |
| Year III: Semester I |   |    |
| MMS 7311             | Operative Cardiothoracic Surgery  | 5  |
| MMS 7312             | Anaesthesia & Neurosurgery  | 5  |
| Semester II          |   |    |
| MMS 7321             | Head & Neck Surgery & Endocrinology   | 5  |
| MMS 7322             | Recent Advances in Clinical Surgery   | 3  |
| MMS 7323             | Dissertation write up   | 2  |