

NUR 4105	Advanced Community-Based Primary Health Care I	4
NUR 4106	Principles and Methods of Teaching	5
NUR 4107	Specialised Surgical Nursing (ENT, Ophthalmology and Operating Theatre Technique)	4
BNS 4101	Midwifery	4
BNS 4102	Research Proposal Writing	3
BNS 4103	Dociliary Midwifery	4
BNS 4104	Principles & Methods of Teaching	3
BNS 4111	Midwifery II (Normal & High Risk)	5
BNS 4112	Research Proposal Writing	3
BNS 4113	Domiciliary Midwifery	4
BNS 4114	Principles & Methods of Teaching	3
<b>Semester II</b>		
NUR 4201	Advanced Nursing Issues	2

NUR 4202	Advanced Community-Based Primary Health Care II	5
NUR 4203	Advanced Midwifery (Safe Motherhood)	3
NUR 4204	Principles and Practice in Health Unit Management	5
NUR 4205	Research Report Writing	5
BNS 4201	Research Project	4
BNS 4202	Health Unity Management Midwifery	2
BNS 4203	Community Health	4
BNS 4204	Specialised Med-Surgical Nursing	5
BNS 4211	Research Project	4
BNS 4212	Health Unit Management and Midwifery	2
BNS 4213	Mental Psychiatric Nursing	4
BNS 4214	Specialised Med-Surgical Nursing	5

---

## BACHELOR OF SCIENCE IN MEDICAL RADIOGRAPHY

---

### Objectives

The primary objective of the programme is to provide the necessary understanding, knowledge and skills required of graduate radiographers to undertake appropriate diagnostic imaging examinations or radiation therapy procedures.

### Specific objectives

To enable the graduate radiographer master the present principles and practice of diagnostic imaging or radiation therapy.

To enable the graduate radiographer acquire the necessary stimulation to do research to improve on the present knowledge & practice, and to develop new scientifically acceptable methods of medical imaging or radiotherapy.

To enable the radiographer acquire leadership skills, as they will be called upon to head the already existing centres in the country, and to open up new ones.

Understand the principles, ethics and legal responsibilities of health care practice and actuate measures to promote the health and safety for themselves and others.

Have a comprehensive understanding and knowledge of the behavioral, physical and biological sciences relevant to the practice of radiography.

### Programme Structure

<b>Year I: Semester I</b>		
Course Code	Course	CU
BMR 1101	Physics of Imaging and Ionizing Radiation	5
BMR 1102	Physics of Imaging and Ionising Perineum	5
BMR 1103	Radiography of the Axial Appendicular Skeleton	5
BMR 1112	Physics of Imaging and Ionising Radiation	5
BMR 1113	Radiography of the Axial Appendicular Skeleton	5
CSC 1101	Computer Literacy	3
ANA 1101	Anatomy: Histology & Embryology	3
ANA 1102	Anatomy: The Upper & lower Limbs	4
PSY 1101	Psychology I	4
PYS 1101	Physiology: General blood, respiration	4

FOM 1101	Introductory Economics	3
FOM 1104	Principles of Nursing and First Aid	2
FOM 1111	Introduction to Health Professionals Edu & Et	3
FOM 1112	Cells and Tissues	
FOM 1113	Blood and Body Fluids	
FOM 1114	Principles of Nursing and First Aid	2
<b>Semester II</b>		
BMR 1201	Sociology I	3
ANA 1201	Anatomy: The thorax & abdomen	5
PYS 1201	Physiology: The cardiovascular system, kidney & body fluids, the GIT	5
BMR 122	Radiographic Technique I	3
PSY 1201	Psychology II	3
FOM 1201	Basic Computing Skills	5
FOM 1202	Cardiovascular & Respiratory Systems	5
FOM 1203	Foundations of Behavioural Sciences	5
FOM 1211	Cardiovascular & Respiratory Systems	5
FOM 1212	Digestion Nutrition & Metabolism	5
FOM 1213	Foundations of Behavioural Sciences	5
<b>Recess Term</b>		
ANA 1301	Anatomy of the Pelvis & Perineum	1
BMR 132	Radiographic photography I	5
BMR 133	Sociology II	3
BMR 134	Radiographic Technique II	1
FOM 1301	Introduction to Community Health I	4
FOM 1302	Introduction to Community Health II	4
FOM 1311	Introduction to community Health I	4
FOM 1312	Introduction to Community Health II	4
<b>Year II: Semester I</b>		
ANA 2101	Anatomy of The Head & Neck	4
BMR 2101	Imaging Equipment	4
PYS 2101	Physiology: Endocrinology & Reproduction	3

BMR 212	Pathology: General & Systemic Pathology	5
BMR 2103	Fundamentals of Clinical Imaging I	4
BMR 2104	Radiographic Photography II	3
PHA 2101	General Pharmacology	4
FOM 2102	Forestry Economics	5
FOM 2103	Natural Res. Environmental Management	
FOM 2112	Reproductive and Urinary Systems	5
FOM 2113	Head and Neck	5
<b>Semester II</b>		
PHR 2201	Pharmacology for Radiography I	4
PHR 2202	Pharmacology for Radiography II	4
ANA 2201	Anatomy: Neuroanatomy	4
PYS 2201	Physiology: Neurophysiology	3
BMR 2201	Hospital Practice & Ethics	4
BMR 2202	Fundamentals of Clinical Imaging II	5
BMR 2204	Equipment Maintenance & Servicing	2
BMC 2214	Material Science	2
FOM 2202	Resource Economics	3
FOM 2203	Community & diagnosis & Communication	5
FOM 2204	Material Science	2
FOM 2212	Neurilocomotor	5
FOM 2213	Community & Diagnosis & Community	5
<b>Recess Term</b>		
BMR 2301	Fundamentals of Clinica Imaging II	3
BMR 2302	Clinical Ultra Sound II	5
BMR 2303	Radiographic Techniques IV	4
BMR 2311	Pharmacology for Radiographers	3
BMR 2312	Special Radiological Procedures	5
<b>Year III: Semester I (IMAGING)</b>		
BMR 3101	Radiation Protection & Public Health	5
BMR 3102	Clinical Ultrasound III	5
BMR 3103	Clinical CT & MRII	5
BMR 3104	Radiographic Technique III	5
BMR 3105	Therapy Technique I	5
BMR 3106	Therapy Equipment	3

BMR 3111	Radiographic Photography & Imaging Equipment	5
BMR 3112	Radiation Protection and Public Health	5
BMR 3113	Clinical MR I	5
BMR 3114	Therapy Equipment and Technique I	5
<b>Semester II (IMAGING)</b>		
BMR 3201	Clinical Ultrasound IV	5
BMR 3202	Ultra Sound of Small Parts Neonatal & Brain	5
BMR 3203	Clinical CT & MRI II	5
BMR 3204	Nuclear Medicine	2
BMR 3205	Therapy Technique II	5
BMR 3206	Oncology & Radiobiology	5
BMR 3207	Therapy Technique III	5
BMR 3211	Obstetric and Gynaecological UltraSound	5

BMR 3212	Ultra Sound of Small Parts Neonatal Brain	5
<b>Year III: Semester I (THERAPY)</b>		
PHA 3101	Systematic Pharmacology	2
BMR 311	Radiation Protection & Public Health	3
BMR 313	Clinical CT & Clinical MRI I	5
BMR 315	Principles of Health Services Management	4
BMR 316	Therapy Technique I	5
BMR 317	Therapy Equipment	3
<b>Semester II (THERAPY)</b>		
BMR 322	Bio-statistics & Research Methods	3
BMR 3215	Therapy Technique II	5
BMR 3216	Oncology & Radiobiology	5
BMR 328	Therapy Technique III	5

## POSTGRADUATE PROGRAMMES

### POSTGRADUATE DIPLOMA IN ANAESTHESIA

This diploma is taken as a pre-requisite to the Master of Medicine (Anaesthesia) programme.

#### Duration of Training:

The course will run for a minimum of twelve months.

#### Programme Structure

##### Basic Sciences

**Anatomy:** Respiratory system, cardiovascular system, nervous system.

**Physiology:** Respiration, circulation, metabolism, exertion, nervous system.

**Pharmacology:** General principles, drugs used in Anaesthetic practice, other drugs of significance to the Anaesthetist.

Tuition in the Basic Sciences shall consist of lectures, seminars, tutorials etc.

##### Anaesthesiology

Weekly tutorials and lectures in Anaesthesiology, including pre and immediate post operative care. A minimum of two operation lists per week under supervision; a minimum of two months in the Intensive Care Unit.

#### Examinations

Examinations for the Diploma shall be held at the end of the course and shall run according to the following scheme;

##### Anatomy & Physiology

Written examinations (3 hour paper) 100 marks

##### Pharmacology

Written examination (2 hour paper) 100 marks

##### Anaesthesiology

Written Paper I (3 hour paper) 100 marks

Written Paper II (3 hour paper) 100 marks

Oral examination 100 marks

Progressive assessment 100 marks

Logbook 100 marks

**Total 500 marks**

The pass mark in all subjects shall be 50%. Admission of a candidate into the examination shall be subject to obtaining a Certificate of Due Performance.