

Alphabetical List of Modules in the Faculty of Health Sciences

= Concurrent registration

() = Examination admission

dpw = discussions per week

GS = combined (final) mark (semester/year mark plus examination mark) of at least 40% - 49%

hpw = hours per week

LP = Lecturer's permission

lpw = lectures per week

ppw = practicals per week

spw = seminars per week

TDH = Permission by head of department

tpw = tutorials per week

AAP 310 General anatomical pathology 310

Academic organisation: Anatomical Pathology

Prerequisite: MTS 200,RFI 210,RFI 211,RBG 210,RAW 201,RAN 280,

Contact time: 1 spw 2 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 6

ACO 171 Academic competency in oral health 171

Academic organisation: Community Dentistry

Contact time: 5 lpw 5 ppw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

Module content:

This module will introduce the new oral hygiene student to the dental and university environment. It will also serve as the foundation for the total oral hygiene programme and will assist the student to feel more comfortable and settled in the new environment. This module entails the following:

- Professionalism and ethics
- Group work and communication
- Use of the library and correct referencing in assignments
- Academic skills such as academic writing and reading, effective studying and how to do assignments
- Dental terminology
- Dental specialities
- Dental instruments, equipment and materials
- Dental charting
- Infection control
- Occupational health and safety
- Brushing and flossing

AKU 100 Occupational science 100

Academic organisation: Occupational Therapy

Contact time: 2 lpw 8 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 25

Module content:

The science and application of food preparation, painting and printing, games and sport, predetermined time standards (MODAPTS), biomechanics, normal development and various elective activities to promote engagement in meaningful occupation. Includes the facilitation of occupational performance as used in development in occupational therapy.

AKU 200 Occupational science 200

Academic organisation: Occupational Therapy

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, AKU 100, ART 100, MTL 180, GNK 286

Contact time: 4 ppw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 10

Module content:

The science and application of functional mobility (Activities of Daily Living), woodwork, needlework, appropriate paper technology (APT), gardening, music and dance to promote engagement in meaningful occupation. Includes the design and manufacture of assistive devices and adaptive equipment.

AKU 303 Occupational science 303

Academic organisation: Occupational Therapy

Prerequisite: FSG 251, FSG 252, FSG 261, FSG 262, AKU 200, ART 282, ART 284, RPD 200, ART 281, ART 283, ART 284

Contact time: 1 ppw 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 25

Module content:

The study of normal development and the effect of ill health and disability in the areas of play, school/education and leisure. The science and application of occupational therapy principles to promote engagement in meaningful occupation taking into consideration personal and environmental contexts. Includes the pathology, causes, clinical picture and prognosis of selected conditions.

AKU 381 Occupational science 381

Academic organisation: Occupational Therapy

Prerequisite: FSG 251, FSG 252, FSG 261, FSG 262, AKU 200, ART 282, ART 284, RPD 200, ART 281, ART 283

Contact time: 2 spw 2 ppw 5 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 25

Module content:

The study of the effect of ill health and disability in the area of Activities of Daily Living (ADL). The science and application of occupational therapy principles to promote engagement in meaningful occupation, taking into consideration personal and environmental contexts. Includes the pathology, causes, clinical picture and prognosis of selected conditions.

AKU 382 Occupational science 382

Academic organisation: Occupational Therapy

Prerequisite: FSG 251, FSG 252, FSG 261, FSG 262, AKU 200, ART 282, ART 284, RPD 200, ART 281, ART 283, ART 284

Contact time: 2 ppw 4 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 25

Module content:

The study of the effect of ill health and disability in the area of work. The science and application of occupational therapy principles to promote engagement in meaningful occupation within the context of South African Disability Equity Legislation. Includes the pathology, causes, clinical picture and prognosis of selected conditions.

AKU 400 Occupational science 400

Academic organisation: Occupational Therapy

Prerequisite: ANP 210, RPD 380, AKU 381, AKU 382, ART 381, ART 382, ART 303, CIL 111, CIL 121, EOT 110, EOT 120 and [SEP 110 of ZUL 110]

Contact time: 2 other per week 1 spw 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 45

Module content:

Continued study in occupational science with emphasis on the areas of occupation. Integration and application of knowledge and skills in a community fieldwork setting, an elective vocational rehabilitation fieldwork setting and in an elective paediatric fieldwork setting.

ANA 111 Anatomy 111

Academic organisation: Anatomy

Contact time: 1 ppw 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

Anatomy for communication pathology

This module is on the theory and practical experience of the structure of the organs involved with speech production and hearing excluding neuro-anatomy. Anatomical terminology and elementary study of tissues; gross anatomy of structures involved with speech production and hearing: larynx, skeletal components and muscles involved with respiration, viscera of the respiratory system, bones and paranasal sinuses of the skull, synopsis of the cranial nerves, structure of the viscera of the vocal tract, structure of the ear; embryology of the face, palate, tongue, larynx and ear.

ANA 121 Introduction: Human anatomy and embryology 121

Academic organisation: Anatomy

Prerequisite: MLB111 and CMY117

Contact time: 1 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 4

Module content:

Terminology, musculo-skeletal system, nervous system, surface anatomy, cardiovascular system, respiratory system, urogenital system, gastro-intestinal system, endocrine system, introductory osteology and joints, introductory embryology.

ANA 122 Human osteology 122

Academic organisation: Anatomy

Contact time: 1 ppw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 4

Module content:

Introduction to osteology, bone function and classification, humerus, radius, ulna, femur, tibia, fibula, clavicle, scapula, ribs, sternum, vertebrae, pelvis, hand and foot bones, sesamoid bones, skull, mandible, joints.

ANA 125 Human biology 125

Academic organisation: Anatomy

Contact time: 1 ppw 1 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 3

Module content:

Introduction to human biology, human evolution, human beings, primates and mammals, introduction to human genetics, population genetics, population variation in qualitative and quantitative traits, the concept "race". Introduction to skeletal biology. Human growth, measuring growth, human adaptability, modernisation and human biological response.

ANA 126 Basic human histology 126

Academic organisation: Anatomy

Prerequisite: CMY117 and MLB111

Contact time: 1 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 4

Module content:

General introduction to cells and tissue, terminology, the cell and cytoplasm, organelles and inclusions, surface and glandular epithelium, general connective tissue, specialised connective tissue, namely cartilage, bone, blood and haemopoietic tissue, muscle and nervous tissue.

ANA 151 Introduction to anatomy 151

Academic organisation: Anatomy

Contact time: 3 lpw 1 dpw 1 ppw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 6

Module content:

A systematic approach to Anatomy, including general terminology, embryology and osteology, with the use of wet specimens. Introductory histology includes cytology, the nucleus and cell division, epithelial tissue, general connective tissue, cartilage and bone.

ANA 152 Anatomy of the limbs 152

Academic organisation: Anatomy

Contact time: 1 ppw 1 dpw 3 lpw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 6

Module content:

Anatomy of the appendicular skeleton

A systematic approach to the Anatomy of the muscles, blood vessels, nerve supply,

lymph drainage and joints of the upper and lower limbs, as well as surface anatomy, with the use of wet specimens. Introductory histology includes muscle tissue, nerve tissue, and blood and haemopoietic tissue.

ANA 161 Anatomy of the torso 161

Academic organisation: Anatomy

Contact time: 3 lpw 1 dpw 1 ppw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 6

Module content:

A systematic approach to the anatomy of the thorax and its contents, the abdomen and its contents and the pelvis and its contents (organs, vascular systems, nerve supply, lymph drainage, muscles and joints), as well as surface anatomy, with the use of wet specimens. Introductory histology includes the histology of the lungs, liver and kidneys.

ANA 162 Anatomy of the head and neck 162

Academic organisation: Anatomy

Contact time: 3 lpw 1 dpw 1 ppw

Period of presentation: Quarter 4

Language of tuition: English

Credits: 6

Module content:

Anatomy of the head and neck, and neuroanatomy

A systematic approach to the anatomy of the head and neck regions, the senses and the central and peripheral nervous system (cranial nerves, autonomic nervous system), as well as surface anatomy, with the use of wet specimens.

ANA 171 Anatomy 171

Academic organisation: Anatomy

Contact time: 3 lpw 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 8

Module content:

The emphasis of the study in anatomy is particularly focused on all aspects of the oral cavity, but certain aspects of the anatomy of the head and neck is also included. This involves aspects of the osteology of the skull and jaw bones, the anatomy of the temporomandibular joint, salivary glands, nose, paranasal sinuses, pharynx, larynx and specific muscle groups as well as the cranial nerves, vascular supply and lymphatic drainage of the head and neck, as well as the radiographic features of some of the above.

ANA 181 Anatomy 181

Academic organisation: Anatomy

Contact time: 14 lpw 14 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 4

Module content:

(Anatomy for BClinical Medical Practice)

Systemic clinical anatomy: cardiovascular and respiratory systems.

ANA 182 Anatomy 182

Academic organisation: Anatomy

Contact time: 14 ppw 14 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 4

Module content:

(Anatomy for BClinical Medical Practice)

Systemic clinical anatomy; digestive and urogenital systems.

ANA 185 Anatomy 185

Academic organisation: Anatomy

Contact time: 8 lpw 1 dpw 3 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 21

Module content:

Systemic clinical anatomy: cardiovascular, respiratory, digestive, urogenital, eye, ear nose and throat, nervous, musculoskeletal, skin and endocrine systems.

Surface and regional anatomy confined to specific diagnostic, therapeutic and emergency procedures.

ANA 214 Human cell and developmental biology 214

Academic organisation: Anatomy

Prerequisite: ANA121 and ANA126 and CMY127

Contact time: 2 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

Module content:

Functional review of the cell and cell content. Normal and abnormal cell function in relation to structure. Control of the human cell, heredity and the human genome. Cell communication, growth and development, adhesion and division. Aspects of cellular research. Techniques on how to study cells. Medical cell and molecular biology application.

NOTE: This module is not open to all students and may only be taken by BSc (Medical Sciences) students.

ANA 215 Paleoanthropology 215

Academic organisation: Anatomy

Contact time: 2 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

Module content:

Introduction to paleoanthropology, focusing on hominid fossil record, principles of evolution, principles of heredity, human variation, introduction to primatology, hominid taxonomy, time-frames and dating methods, fossilisation and taphonomy, trends in hominid evolution, hominid sites. Australopithecus, homo habilis, homo erectus, homo sapiens neanderthalensis, the origin of anatomically modern human beings, DNA studies, palaeo-environments, hominid diets, introduction to the development of culture, South African populations, human adaptation and modernisation.

ANA 217 Human anatomy 217

Academic organisation: Anatomy

Prerequisite: ANA121 and ANA122 and CMY127

Contact time: 2 lpw 2 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

Module content:

Regional approach to human anatomy.

Cadaver dissection of the upper and lower limbs, back, thorax, abdomen, pelvis, perineum and genital area. Anatomical techniques.

NOTE: This module is not open to all students and may only be taken by BSc (Medical Sciences) students.

ANA 225 Paleoanthropology 225

Academic organisation: Anatomy

Prerequisite: ANA 122, ANA 125,

Contact time: 2 lpw 2 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 6

ANA 226 Human histology 226

Academic organisation: Anatomy

Prerequisite: ANA 126#

Contact time: 1 ppw 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 10

Module content:

General introduction to organ structure.

Terminology. The eye, ear, skin, circulatory system, nervous system, lymphoid system, gastrointestinal tract, gastrointestinal tract glands, respiratory system, urinary system, male and female reproductive systems, endocrine system.

NOTE: This module is not open to all students and may only be taken by BSc (Medical Sciences) students.

ANA 227 Human anatomy 227

Academic organisation: Anatomy

Prerequisite: ANA 217GS#

Contact time: 2 ppw 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 16

Module content:

Regional approach to human anatomy.

Cadaver dissection of the head, neck as well as neuro-anatomy. Anatomical techniques.

NOTE: This module is not open to all students and may only be taken by BSc (Medical Sciences) students.

ANA 281 Anatomy 281

Academic organisation: Anatomy

Contact time: 14 lpw 14 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 4

Module content:

(Anatomy for BClinical Medical Practice)

Systemic clinical anatomy; eye, ear, nose and throat and nervous system.

ANA 282 Anatomy 282

Academic organisation: Anatomy

Contact time: 14 ppw 14 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 4

Module content:

(Anatomy for BClinical Medical Practice)

Systemic clinical anatomy; musculoskeletal system, skin and endocrine system.

ANA 314 Human cell and development biology 314

Academic organisation: Anatomy

Contact time: 2 lpw 4 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 8

ANA 315 Forensic anthropology 315

Academic organisation: Anatomy

Prerequisite: ANA 122, ANA 215

Contact time: 2 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

Module content:

Introduction to forensic anthropology, detection of graves, excavation of graves, human vs. animal bone, forensic entomology, osteometry, cranial and post-cranial measurements, non-metric features of the skeleton, age determination, sex determination, race determination, ante-mortem stature, dental analysis, osteopathology, factors of individualisation, measurements of the face, introduction to face mapping and skull-photo superimposition, legal aspects. NOTE: This module is not open to all students and may only be taken by BSc (Medical Sciences) students.

ANA 316 Histology techniques 316

Academic organisation: Anatomy

Prerequisite: ANA 226

Contact time: 1 ppw 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

Module content:

General introduction to light and electron microscopic techniques: fixation, processing, imbedding, staining. Principles of different staining techniques for LM and EM: routine stains, proteins, carbohydrates, amino acids, metachromasia, immunocytochemistry, lectin stains, specialised stains. Principles of the operation of LM and EM: general LM, fluorescent microscopy, differential contrast microscopy, dark field microscopy, phase contrast microscopy, transmission and scanning electron microscopy.

ANA 317 Comparative anatomy 317

Academic organisation: Anatomy

Contact time: 2 ppw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 4

ANA 324 Human cell and developmental biology 324

Academic organisation: Anatomy

Prerequisite: ANA 214, ANA 226

Contact time: 3 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 14

Module content:

Practical aspects of cell biology. Cell, tissue, organ, and organism culture. The biology of the culture environment. Cellular basis of morphogenesis, cleavage patterns and gastrulation. The early vertebrate development; neurulation, ecto-, meso- and endoderm derivatives. Cell destiny and embryonic axis including malformations. Development of the tetrapod limb and cell death. Cell interactions at a distance through hormones and metamorphosis.

NOTE: This module is not open to all students and may only be taken by BSc (Medical Sciences) students.

ANA 325 Forensic anthropology 325

Academic organisation: Anatomy

Contact time: 2 lpw 2 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 6

ANA 326 Histology techniques 326

Academic organisation: Anatomy

Contact time: 2 lpw 2 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 6

ANA 327 Comparative anatomy 327

Academic organisation: Anatomy

Prerequisite: ANA 121, ANA 122, ANA 217, ANA 227

Contact time: 1 ppw 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 14

Module content:

Introduction to comparative anatomy. Introduction to comparative osteology.

Comparative anatomy of the appendicular skeleton. Comparative anatomy of the axial skeleton.

NOTE: This module is not open to all students and may only be taken by BSc (Medical Sciences) students.

ANA 328 Applied research techniques 328

Academic organisation: Anatomy

Prerequisite: ANA 315#, ANA 316#

Contact time: 1 ppw 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 8

Module content:

Introduction to research. Development of research project. Research skills. Completion of literature review.

NOTE: This module is not open to all students and may only be taken by BSc (Medical Sciences) students.

ANA 381 Anatomy 381

Academic organisation: Anatomy

Contact time: 20 lpw 20 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 2

Module content:

(Anatomy for BClinical Medical Practice)

Surface and regional anatomy confined to specific diagnostic procedures.

ANA 382 Anatomy 382

Academic organisation: Anatomy

Contact time: 20 lpw 20 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 2

Module content:

(Anatomy for BClinical Medical Practice)

Surface and regional anatomy confined to specific therapeutic and emergency procedures.

ANP 210 Anatomical pathology 210

Academic organisation: Anatomical Pathology

Prerequisite: [PHY 131, CMY 151, FSG 161, FSG 162, FTP 100, ANA 152, ANA 162] or [FSG 251, FSG 252, FSG 261, FSG 262, AKU 200, ART 282, ART 284, RPD 200, ART 281, ART 283] or [RAN 280, RAW 281, RAW 282, RAW 283]

Contact time: 1 spw 2 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

Module content:

General principles of pathology, including necroses, reversible cell damage, reparation and abnormalities of growth, circulation disturbances, acute and chronic infections, classification of the spreading of tumours and carcinogenesis. Directed course in systematic pathology, with specific reference to cardiovascular system, respiratory system, locomotor system and neuropathology.

AOU 600 Anaesthesiology, orthopaedics and urology 600

Academic organisation: Orthopaedics

Contact time: 40 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 20

ART 100 Occupational therapy 100

Academic organisation: Occupational Therapy

Contact time: 1 other per week 2 dpw 2 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 16

Module content:

The study of occupational therapy roles, scope, domain, core knowledge and professional ethics. Includes the application of the process of occupational therapy intervention, tools of practice and theoretical frameworks.

ART 281 Occupational therapy 281

Academic organisation: Occupational Therapy

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, AKU 100, ART 100, MTL 180, GNK 286

Contact time: 2 spw 2 other per week 2 ppw 4 dpw

Period of presentation: Quarter 4

Language of tuition: Double medium

Credits: 12

Module content:

Neurology: The study of occupational therapy evaluation and intervention of neurological conditions in all age groups. Includes the pathology, causes, clinical picture and prognosis of selected conditions.

ART 282 Occupational therapy 282

Academic organisation: Occupational Therapy

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, AKU 100, ART 100, MTL 180, GNK 286

Contact time: 4 dpw 2 other per week 2 ppw 2 spw

Period of presentation: Quarter 3

Language of tuition: Double medium

Credits: 12

Module content:

Mental Health: The study of occupational therapy evaluation and intervention of psychosocial disorders in all age groups. Includes the pathology, causes, clinical picture and prognosis of selected disorders.

ART 283 Occupational therapy 283

Academic organisation: Occupational Therapy

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, AKU 100, ART 100, MTL 180, GNK 286

Contact time: 2 ppw 2 other per week 4 dpw 2 spw

Period of presentation: Quarter 1

Language of tuition: Double medium

Credits: 12

Module content:

Biomechanics: The study of occupational therapy evaluation and intervention of the conditions of the musculoskeletal system in all age groups. Includes the pathology, causes, clinical picture and prognosis of selected conditions.

ART 284 Occupational therapy 284

Academic organisation: Occupational Therapy

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, AKU 100, ART 100, MTL 180, GNK 286

Contact time: 2 other per week 2 spw 4 dpw 2 ppw

Period of presentation: Quarter 2

Language of tuition: Double medium

Credits: 14

Module content:

Sensory-motor and cognition: The study of occupational therapy evaluation and intervention of sensory-motor and cognitive disorders in all age groups. Includes the pathology, causes, clinical picture and prognosis of selected disorders.

ART 381 Occupational therapy 381

Academic organisation: Occupational Therapy

Prerequisite: FSG 251, FSG 252, FSG 261, FSG 262, AKU 200, ART 282, ART 284, RPD 200, ART 281, ART 283

Contact time: 5 dpw 2 spw 2 ppw 20 other per week

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 20

Module content:

Continued study of occupational therapy for patients/clients with physical and neurological conditions. Facilitation of occupational performance through the application of assistive technologies and adaptations. Includes therapeutic apparatus, control interfaces, prosthesis and the selection, design and manufacture of splints.

ART 382 Occupational therapy 382

Academic organisation: Occupational Therapy

Prerequisite: FSG 251, FSG 252, FSG 261, FSG 262, AKU 200, ART 282, ART 284, RPD 200, ART 281, ART 283

Contact time: 2 spw 5 dpw 4 other per week 2 ppw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 20

Module content:

The application of therapeutic group techniques, stress management and interpersonal techniques in counselling. Includes the study of occupational therapy evaluation and intervention of psychiatric disorders in childhood.

ART 401 Occupational therapy 401

Academic organisation: Occupational Therapy

Prerequisite: ANP 210, RPD 380, SEP 110/ZUL 110, AKU 303, AKU 381, AKU 382, ART 381, ART 382, EOT 110, EOT 120, CIL 111, CIL 121

Contact time: 2 spw 4 other per week 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 45

Module content:

Continued study of occupational therapy for patients/clients with physical and neurological conditions. Integration and application of knowledge and skills in a physical/neurological fieldwork setting.

ART 402 Occupational therapy 402

Academic organisation: Occupational Therapy

Prerequisite: ANP 210, RPD 380, SEP 110/ZUL 110, AKU 303, AKU 381, AKU 382, ART 381, ART 382, EOT 110, EOT 120, CIL 111, CIL 121

Contact time: 1 dpw 2 spw 4 other per week

Period of presentation: Year

Language of tuition: Double medium

Credits: 45

Module content:

Continued study of occupational therapy for mental healthcare users. Integration and application of knowledge and skills in a mental health fieldwork setting.

BOK 121 Molecule to organism 121

Academic organisation: Anatomy

Prerequisite: CMY 151,PHY 131,FIL 155,MLB 111,CIL 111,MGW 112,MTL 180,

Contact time: 7 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

Module content:

- (a) Molecule to cell (2 weeks)
The principles of physiology, chemistry and genetics applicable to man. Macro molecules, lipids, carbohydrates and protein. Introductory genetics: molecular evolution, gene structure and transmission, genetic control of the cell cycle and genetic defects. Impulse conduction and muscle contraction. Nerve potentials.
- (b) Cell to tissue (4 weeks)
Gamatogenesis, embryogenesis, embryopathy, histology and incidence of tissue types. The immune system and its components. Tissue specificity, genetic control of expression and factors influencing gene expressions.
- (c) Tissue to organism (2 weeks)
Anatomical terminology and introduction to the systemic and functional organisation of the human body. Arrangement of tissues in organs. Life stages of man.

BOK 280 Homeostasis 280

Academic organisation: Forensic Health Sciences

Prerequisite: CMY 151,GNK 120,GNK 127,MLB 111,PHY 131,GNK 128,BOK 121,MGW 112,FIL 155,MTL 180,SMO 121,CIL 111,CIL 121,EOT 110,EOT 120

Contact time: 18 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 42

Module content:

- (a) Intermediary metabolism (3 weeks)
Carbohydrate and lipid metabolism; protein and energy metabolism; vitamins and minerals. Integration of metabolism. Practical work: Protein electrophoresis.
- (b) Control (3 weeks)
Nerve control; endocrine control.
- (c) Internal milieu (3 weeks)
Water balance and blood physiology. Acid-base equilibrium, clinical haematology. Practical work: Haematology.

BOK 281 Pathological conditions and infectious diseases 281

Academic organisation: Anatomical Pathology

Prerequisite: CMY 151,GNK 120,GNK 127,MLB 111,PHY 131,GNK 128,BOK 121,MGW 112,FIL 155,MTL 180,SMO 121,CIL 111,CIL 121,EOT 110,EOT 120

Contact time: 12 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 45

Module content:

- a) General pathology and immunology (4 weeks)
Cell damage; growth and repair; infection; disturbances in circulation; HLA system; immune response; hypersensitivity; auto-immunity and transplant immunology. Anatomy of the lymphatic system.

- (b) Principles of malignancies (1 week)
Oncogenesis; terminology and biological behaviour of tumours; principles of therapy.
- (c) Principles of infectious diseases (3 weeks)
This module deals with the basic principles and systematic classification and clinical picture of bacteria, viral parasitic and fungal infections of importance to man. The pharmacological aspects of antibacterial and antiviral chemotherapy will also be dealt with. A short introduction to epidemiology will also be presented. The practical aspects of the microbiology which includes virology, will be demonstrated in the practical sessions.
- (d) Infectious diseases (2 weeks)
This comprehensive module covers all aspects of the most prominent infectious diseases in man, such as tuberculosis, immuno-deficiency syndrome, malaria, gastro-enteritis, haemorrhagic fever, typhoid, bilharzia and sexually transmitted diseases. The module is problem-orientated, multidisciplinary and presented in the form of case studies and group discussions. The module also deals with certain important topics such as surgical infections, nosocomial infections, opportunistic infections, trauma and associated infection. The microbiology of special environments will also be discussed.

BOK 283 People and their environment 283

Academic organisation: Psychiatry

Prerequisite: CMY 151,GNK 120,GNK 127,MLB 111,PHY 131,GNK 128,BOK 121,MGW 112,FIL 155,MTL 180,SMO 121,CIL 111,CIL 121,EOT 110,EOT 120

Contact time: 5 spw 5 ppw 8 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 31

Module content:

People and their environment (4 weeks)

Interpersonal skills; contextual and environmental aspects within which patients develop and live with their specific problems; medical ethics with regard to the community, patients and the medical profession; the role and duties of the medical practitioner within the South African legal system, especially with regard to interpersonal violence in society, injuries, the process of dying and death; genetic disability in the South African society; public health and health research in the community.

BOK 284 People and their environment 284

Academic organisation: Forensic Health Sciences

Prerequisite: CMY 151,GNK 120,GNK 127,MLB 111,PHY 131,GNK 128,BOK 121,MGW 112,FIL 155,MTL 180,SMO 121,CIL 111,CIL 121,EOT 110,EOT 120

Contact time: 12 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 31

Module content:

(a) People and their environment (4 weeks)

Interpersonal skills; contextual and environmental aspects within which patients develop and live with their specific problems; medical ethics with regard to the community, patients and the medical profession; the role and duties of the medical practitioner within the South African legal system, especially with regard to interpersonal violence in society, injuries, the process of dying and death; genetic disability in the South African society;

public health and health research. This section of the module can only be taken by medical students.

- (b) Forensic medicine (Pathology) (2 weeks)
Medicine and law: points of tangency; medical law; thanatology; forensic pathology and forensic medicine.

BOK 285 Pathological conditions 285

Academic organisation: Anatomical Pathology

Prerequisite: CMY 151, FIL 155, MGW 112, MLB 111, MTL 180, PHY 131, CIL 111, EOT 110, BOK 121, GNK 120, GNK 127, GNK 128, EOT 120, LCP 180, SMO 121, CIL 121

Contact time: 18 lpw 1 dpw 3 ppw 3 spw

Period of presentation: Semester 2

Language of tuition: English

Credits: 22

Module content:

Basic principles of pathology and immunology applicable to disease processes. The principles of tumour genetics, pathology and dissemination of tumours.

BOK 287 Infectious diseases 287

Academic organisation: Medical Microbiology

Prerequisite: CMY 151, FIL 155, MGW 112, MLB 111, MTL 180, PHY 131, CIL 111, EOT 110, BOK 121, GNK 120, GNK 127, GNK 128, EOT 120, LCP 180, SMO 121, CIL 121

Contact time: 15 lpw 8 ppw 8 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 23

Module content:

The study of micro organisms which cause disease in the human body. This module entails the study of the interaction of micro-organisms with the human host which results in disease.

BOK 380 Abdomen and mamma 380

Academic organisation: Surgery

Prerequisite: BOK 280,GNK 288,BOK 284,GPS 280,BOK 281,GNK 283,GNK 286,

Contact time: 12 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 50

Module content:

- (a) Abdomen and abdominal problems
- (b) Mamma

A study of the anatomy and functions, as well as the diseases of the different organs in the abdominal cavity including conditions of the abdominal wall.

Furthermore, lectures on the clinical conditions of the mamma will be presented.

BOK 382 Pregnancy and neonatology 382

Academic organisation: Obstetrics and Gynaecology

Prerequisite: BOK 280,GNK 288,BOK 284,GPS 280,BOK 281,GNK 283,GNK 286

Contact time: 12 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 55

Module content:

- (a) Pregnancy
- (b) Neonatology

The study of the natural physiological complexes and pathological conditions concerning pregnancy and birth. Different learning opportunities and situations are used, including prenatal clinics, labour wards and neonatal units. Emphasis is placed on acquiring scientifically-based information, as well as important practical and clinical skills. The behavioural sciences are also included in the block, as well as the social, family and community-related aspects.

- (c) Growth and development (2 weeks)

A study of the unique aspects of the physical growth and neuro-development of a normal child. Learning opportunities are presented to the student to identify problems concerning growth and development, as well evaluating and handling children with abnormal growth and development. Emphasis is placed on the prevention, evaluation and handling, as well as the effective treatment with a decided result. This block integrates with the previous block in order to enable the student to understand the continuum of growth and neuro-development from the prenatal to the post-natal milieu.

BOK 480 Genital and urinary tract diseases 480

Academic organisation: Obstetrics and Gynaecology

Prerequisite: GNK 381,GNK 383,BOK 380,GNK 386,GPS 380,BOK 382,SMO 380,SMO 311,SMO 382

Contact time: 12 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 62

Module content:

Module 1: Genital conditions

Module 2: Urinary tract disease

A study of the disorders of the urinary tract and genital systems in males and in females. Theoretical and practical instruction is used to integrate basic science and clinical medicine. Important clinical skills must be mastered.

BOK 482 Nervous system 482

Academic organisation: Neurology

Prerequisite: GNK 381,GNK 383,BOK 380,GNK 386,GPS 380,BOK 382,GNK 488#,SMO 311,SMO 380,SMO 382

Contact time: 5 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 28

Module content:

Discussion of the important diseases of the central, peripheral and autonomic nervous system with a view to obtaining a total overview of the specific diseases, which will include anatomy, physiology, pathology, pharmacology, clinical neurology, clinical Neurosurgery and neuropaediatrics.

CHP 300 Chemical pathology 300

Academic organisation: Chemical Pathology

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 3

CHP 301 Chemical pathology 301

Academic organisation: Chemical Pathology

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 3

CHP 400 Chemical pathology 400

Academic organisation: Chemical Pathology

Contact time: 17 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 6

CMP 181 Introduction to clinical medical practice 181

Academic organisation: Family Medicine

Contact time: 2 lpw 4 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 46

Module content:

Introduction to the Faculty of Health Sciences, curriculum and cultural differences. Basic theory and skills in respect of health assessment and physical examination, health promotion and disease prevention of the cardio/peripheral, reticulo-endothelial, respiratory and gastro-intestinal systems by means of lectures, seminars, self-tuition and practical sessions in the hospital and skills laboratory. A problem-oriented and interdisciplinary approach is emphasised.

CMP 182 Clinical medical practice 182

Academic organisation: Family Medicine

Contact time: 4 ppw 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 56

Module content:

Basic theory and skills in respect of health assessment and physical examination, health promotion and disease prevention of the genito-urinary, central nervous system, head, neck, eye, ear, nose, throat, musculo-skeletal, endocrine, dermatological systems by means of lectures, seminars, self-tuition and practical sessions in the hospital and skills laboratory. A problem-oriented and interdisciplinary approach is emphasised.

CMP 281 Clinical medical practice 281

Academic organisation: Family Medicine

Contact time: 2 lpw 4 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 48

Module content:

Basic theory and skills in respect of the health promotion, disease prevention, diagnosis and treatment of diseases of cardio/peripheral, vascular, reticulo-endothelial, respiratory and gastro-intestinal systems by means of lectures, seminars, self-tuition and practical sessions in the hospital and skills laboratory. A problem-oriented and interdisciplinary approach is emphasised. Emphasis is placed on the diagnosis and treatment of the most prominent conditions as well as the acquiring of practical and clinical skills.

CMP 282 Clinical medical practice 282

Academic organisation: Family Medicine

Contact time: 2 lpw 4 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 56

Module content:

Basic theory and skills in respect of the health promotion, disease prevention, diagnosis and treatment of diseases of genito-urinary, central nervous system, head, neck, eye, ear, nose, throat, skin, musculo-skeletal, endocrine systems by means of lectures, seminars, self-tuition and practical sessions in the hospital and skills laboratory. A problem-oriented and interdisciplinary approach is emphasised. Emphasis is placed on the diagnosis and treatment of the most prominent conditions as well as the acquiring of practical and clinical skills.

CMP 288 Special procedural skills 288

Academic organisation: Family Medicine

Contact time: 2 lpw 4 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

CMP 380 Healthcare systems 380

Academic organisation: Family Medicine

Contact time: 4 ppw 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 16

Module content:

Study of healthcare systems with emphasis on district health systems.

CMP 381 Women's health 381

Academic organisation: Family Medicine

Contact time: 3 lpw 5 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 16

Module content:

Theory and skills in respect of the health promotion, disease prevention, diagnosis and treatment of diseases affecting women by means of lectures, seminars, self-tuition and practical sessions in the hospital and skills laboratory. A problem-oriented and interdisciplinary approach is emphasised. Emphasis is placed on the diagnosis and treatment of the most prominent conditions as well as the acquiring of practical and clinical skills.

CMP 382 Child health 382

Academic organisation: Family Medicine

Contact time: 3 lpw 5 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

Module content:

Basic theory and skills in respect of the health promotion, disease prevention, diagnosis and treatment of diseases of children by means of lectures, seminars, self-tuition and practical sessions in the hospital and skills laboratory. A problem-oriented and

interdisciplinary approach is emphasised. Emphasis is placed on the diagnosis and treatment of the most prominent conditions as well as the acquiring of practical and clinical skills.

CMP 383 Emergency care 383

Academic organisation: Family Medicine

Contact time: 3 lpw 5 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

Module content:

Theory and skills training in basic emergency care.

CMP 384 Infectious diseases 384

Academic organisation: Family Medicine

Contact time: 3 lpw 5 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

Module content:

Theory and skills in respect of the disease prevention, diagnosis and treatment of infectious diseases by means of lectures, seminars, self-tuition and practical sessions in the hospital and skills laboratory. A problem-oriented and interdisciplinary approach is emphasised. Emphasis is placed on the diagnosis and treatment of the most prominent conditions as well as the acquiring of practical and clinical skills.

CMP 385 Anaesthetics 385

Academic organisation: Family Medicine

Contact time: 3 lpw 5 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

Module content:

An introduction to the underlying principles of the theory and practice of anaesthesiology applicable to the clinical associate practice.

CMP 386 Mental health 386

Academic organisation: Family Medicine

Contact time: 4.25 ppw 2.12 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 16

Module content:

Theory and skills in respect of the disease prevention, diagnosis and treatment of mental health problems by means of lectures, seminars, self-tuition and practical sessions in the hospital and skills laboratory. A problem-oriented and interdisciplinary approach is emphasised. Emphasis is placed on the diagnosis and treatment of the most prominent conditions as well as the acquiring of practical and clinical skills.

CMP 387 Orthopaedics 387

Academic organisation: Family Medicine

Contact time: 2.12 lpw 4.25 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 16

Module content:

Theory and skills in respect of the disease prevention, diagnosis and treatment of orthopaedic diseases and problems by means of lectures, seminars, self-tuition and practical sessions in the hospital and skills laboratory. A problem-oriented and interdisciplinary approach is emphasised. Emphasis is placed on the diagnosis and treatment of the most prominent conditions as well as the acquiring of practical and clinical skills.

CMP 388 Advanced special procedural skills 388

Academic organisation: Family Medicine

Contact time: 4 ppw 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

Module content:

An indepth study of procedural skills necessary for practice in a district hospital.

CMP 389 Advanced emergency care 389

Academic organisation: Family Medicine

Contact time: 4.25 ppw 2.12 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 16

Module content:

Theory and practical training in emergency care. A problem-oriented and interdisciplinary approach is emphasised. Emphasis is placed on the diagnosis and treatment of the most prominent conditions as well as the acquiring of practical and clinical skills.

CNT 411 Community nutrition 411

Academic organisation: Human Nutrition

Prerequisite: FLG 312,FLG 314,FAR 381,FAR 382,MRZ 310,NTA 313,RCH 310,DTT 310,VDS 320,VDB 320

Contact time: 4 lpw 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 25

Module content:

Community nutrition in the South African context, food security, nutrition needs assessments, analysis of cause, intervention with regard to programme planning for nutrition education, food supplementation, various micro-nutrient approaches, application to vulnerable groups.

CNT 480 Internship training in community nutrition 480

Academic organisation: Human Nutrition

Prerequisite: DTT 310,DTT 320,FAR 381,FAR 382,FLG 312,FLG 314,GSO 180,GSO 181,GSO 182,MNX 322

Contact time: 5 dpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 35

DNE 110 Didactics of nursing education 110

Academic organisation: Nursing Science

Contact time: 2 lpw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 6

Module content:

Learning strategies and educational media.

Developing teaching strategies and designing audiovisual aids and evaluation tools.

Theory of didactics.

Cognitive and intellectual functioning of adults. Educational relations.

DNE 120 Didactics of nursing education 120

Academic organisation: Nursing Science

Contact time: 2 lpw 1 other per week

Period of presentation: Semester 2

Language of tuition: English

Credits: 6

Module content:

Curriculum and programme development.

Application of the principles of curriculum building. Management of curricula, programmes and nursing schools.

Student guidance.

Learning problems and remedial practices. Student support systems. Learning theories.

DNE 160 Didactics of nursing education 160

Academic organisation: Nursing Science

Contact time: 1 ppw

Period of presentation: Year

Language of tuition: English

Credits: 3

Module content:

*Attendance modules only

Nursing education practical work.

Compulsory practical work, including the preparation and presentation of at least ten (10) lectures and five (5) clinical teaching sessions.

DNP 151 Dynamics of nursing practice 151

Academic organisation: Nursing Science

Contact time: 4 lpw 2 ppw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 13

Module content:

Intra and interpersonal dimensions of the nurse.

Self-discovery, self-disclosure and self-awareness, professional socialisation and self-development. Self-evaluation and own journal assessment. Compilation of a personal portfolio. Interpersonal communication and contact: from the self to relationships.

Therapeutic use of the self. The therapeutic milieu. Contemporary dilemmas of identity.

The multiple self and multiple realities. Communication skills: a communication model for nursing. Management of conflict. Day planning and time management. Development of a personal philosophy. Problem-solving and critical thinking skills.

NB: Only for selected BCur students.

DNP 152 Dynamics of nursing practice 152

Academic organisation: Nursing Science

Contact time: 2 ppw 4 lpw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 13

Module content:

Assessment skills (including the assessment interview, assessment of mental needs, basic examination skills and vital signs), compilation of a database and needs list and the prioritisation of needs. Application of the scientific approach to nursing.

NB: Only for selected BCur students.

DNP 153 Dynamics of nursing practice 153

Academic organisation: Nursing Science

Contact time: 3 lpw 2 ppw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 13

Module content:

Nursing management of emergency situations and disasters in the community. The need for emergency care. Provision of emergency medical services. The impact of emergency situations and disasters on the community. Unique needs in situations of exceptional distress. First aid and basic pre-hospital emergency care. Psychiatric emergencies: suicide risk, aggression, self-destructive behaviour and emotional trauma.

NB: Only for selected BCur students.

DNP 154 Dynamics of nursing practice 154

Academic organisation: Nursing Science

Contact time: 2 ppw 3 lpw

Period of presentation: Quarter 4

Language of tuition: English

Credits: 13

Module content:

Nursing facilitation of health promotion and illness prevention.

The Primary health care (PHC) approach and its underlying principles. Health promotion as part of the PHC approach. Models and approaches, planning and implementation of health promotion and illness prevention programmes. Health screening and its relevant assessment skills. Educational skills and the health service consumer in the teaching-learning situation. Disability and rehabilitation care as preventative and health promotive modality. The principles underlying rehabilitation care. Evaluation of health promotion and illness prevention programmes. Promotion of mental well-being: stress, conflict, substance abuse, violence and physical abuse.

NB: Only for selected BCur students.

DNP 251 Dynamics of nursing practice 251

Academic organisation: Nursing Science

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, FSG 162, NUR 151, NUR 152, NUR 153, NUR 154

Contact time: 2 ppw 3 lpw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 9

Module content:

Nurse-therapeutic contexts.

Ethical-legal aspects and health policy regarding mental illness. Organisation and institutions in psychiatric health care. Theoretical foundations of psychiatric nursing practice. The DSM classification system of mental disorders.

NB: Only for selected BCur students.

DNP 252 Dynamics of nursing practice 252

Academic organisation: Nursing Science

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, FSG 162, NUR 151, NUR 152, NUR 153, NUR 154

Contact time: 3 lpw 2 ppw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 9

Module content:

Acute and chronic mental disorders.

Nursing process applied in the psychiatric context. Psychopathology, abnormal and deviant behaviour. Common mental disorders: schizophrenia, affective, cognitive and anxiety disorders.

NB: Only for selected BCur students.

DNP 253 Dynamics of nursing practice 253

Academic organisation: Nursing Science

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, FSG 162, NUR 151, NUR 152, NUR 153, NUR 154

Contact time: 2 lpw 2 ppw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 9

Module content:

Nurse-therapeutic conversations, group therapy and comprehensive care.

Individual therapy: Facilitative communication and the one-to-one relationship.

Group: the group process, group dynamics, leadership and leadership functions and relevant assessment skills. Mental health education. Therapeutic milieu.

NB: Only for selected BCur students.

DNP 254 Dynamics of nursing practice 254

Academic organisation: Nursing Science

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, FSG 162, NUR 151, NUR 152, NUR 153, NUR 154

Contact time: 2 ppw 2 lpw

Period of presentation: Quarter 4

Language of tuition: English

Credits: 9

Module content:

Therapeutic skills, mentally challenged and cultural issues.

Crisis intervention. Loss and grieving process. Mentally challenged individuals. Cultural sensitivity in mental health nursing.

NB: Only for selected BCur students.

DNP 351 Dynamics of nursing practice 351

Academic organisation: Nursing Science

Prerequisite: NUR 251, NUR 252, NUR 253, NUR 254, DNP 251, DNP 252, DNP 253, DNP 254, NPE 261, NPE 262

Contact time: 4 lpw 1 ppw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 15

Module content:

Comprehensive family nursing.

Family life and family dynamics. Alternative families and lifestyles. Perspectives and approaches to comprehensive nursing care and support of families. Family violence and

pathology. Marriage counselling and family therapy. Families in the perinatal period: unique needs and support (including basic antenatal and postnatal care).

NB: Only for selected BCur students.

DNP 352 Dynamics of nursing practice 352

Academic organisation: Nursing Science

Prerequisite: NUR 251,NUR 252,NUR 253,NUR 254,DNP 251,DNP 252,DNP 253,DNP 254,NPE 261,NPE 262

Contact time: 4 lpw 1 ppw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 15

Module content:

Comprehensive community nursing.

Perspectives and approaches to comprehensive nursing care and support of communities. Relevant statutory control over primary health care (PHC) practices in South Africa. Relevant assessment skills. Sexually transmitted infections and communicable diseases. Therapeutic support of the community. Rehabilitative support of communities in need. Emphasis is placed on the facilitation and support of self-care related to physical, mental and environmental health and well-being.

NB: Only for selected BCur students.

DNP 353 Dynamics of nursing practice 353

Academic organisation: Nursing Science

Prerequisite: NUR 251,NUR 252,NUR 253,NUR 254,DNP 251,DNP 252,DNP 253,DNP 254,NPE 261,NPE 262

Contact time: 3 lpw 1 ppw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 15

Module content:

NOTE: DNP 353 must be completed after DNP 354.

Principles of patient care management.

Planning, organising, leading and control in areas of direct patient care. Management in the rendering of patient care. Co-ordination of the multi- and transdisciplinary programme of treatment and rehabilitation. Aspects of professional practice. Introduction to labour law. Inspections of nursing and patient care units. The clinical practice setting as a teaching-learning situation and the principles of adult learning.

NB: Only for selected BCur students.

DNP 354 Dynamics of nursing practice 354

Academic organisation: Nursing Science

Prerequisite: NUR 251,NUR 252,NUR 253,NUR 254,DNP 251,DNP 252,DNP 253,DNP 254,NPE 261,NPE 262

Contact time: 3 lpw 1 ppw

Period of presentation: Quarter 4

Language of tuition: English

Credits: 15

Module content:

Note: DNP 354 must be completed prior to DNP 353.

Primary curative nursing for common and uncomplicated disease conditions.

Common and uncomplicated health problems related to the cardiovascular, respiratory, digestive, neurological, musculo-skeletal and genito-urinary system and infectious diseases of infancy and childhood, adulthood and the elderly. Complaints of the eyes.

Musculoskeletal pain/dysfunction and non-traumatic bone/joint pain. Relevant assessment skills. Applied human nutrition.

NB: Only for selected BCur students.

DNP 451 Dynamics of nursing practice 451

Academic organisation: Nursing Science

Prerequisite: NUR 351,NUR 352,NUR 353,NUR 354,DNP 351,DNP 352,DNP 353,DNP 354,NPE 361,NPE 362

Contact time: 2 ppw 3 lpw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 10

Module content:

Principles of nursing management and professional leadership in clinical nursing practice.

Applied principles of general management, human resources management, marketing and public relations and financial management. Leadership and leadership development: perspectives, trends and contemporary practice issues. Principles of management in selected emergency situations. Labour law and labour relations.

NB: Only for selected BCur students.

DNP 452 Dynamics of nursing practice 452

Academic organisation: Nursing Science

Prerequisite: NUR 351,NUR 352,NUR 353,NUR 354,DNP 351,DNP 352,DNP 353,DNP 354,NPE 361,NPE 362

Contact time: 2 ppw 3 lpw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 10

Module content:

Principles of professional practice, nursing staff development and teaching in clinical nursing practice.

Nursing science, ethics and the law. Contemporary practice issues derived from the ethos and professional practice of nursing. Professional self-regulation and the organised nursing profession. Private nursing practice. Planning, implementation and evaluation of clinical teaching and in-service training programmes, continuing professional development and life-long learning.

NB: Only for selected BCur students.

DSB 280 Dosage planning 280

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182

Contact time: 1 lpw 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 7

DSB 380 Dosage planning 380

Academic organisation: Radiographic Sciences

Prerequisite: RFI 210,RFI 211,FSG 251,FSG 252,RGB 281,GNK 286,RGB 282,RSZ 280,KOZ 280

Contact time: 2 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 7

DTT 120 Dietetic profession 120

Academic organisation: Human Nutrition

Contact time: 2 lpw 1 dpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 16

Module content:

Philosophy, development and challenges.

DTT 222 Dietetic application of communication principles 222

Academic organisation: Human Nutrition

Prerequisite: 2nd-year status

Contact time: 2 lpw 1 dpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 18

Module content:

The application of communication principles in nutrition instruction.

Theoretical frameworks, knowledge and skills, planning and evaluation of content; teaching aids.

DTT 310 Dietetic counselling 310

Academic organisation: Human Nutrition

Prerequisite: FLG 221,FLG 222,BCM 261,BCM 262,VDS 221,HNT 220,AGV 413,BCM 251,BCM 252,GMB 252

Contact time: 2 lpw 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 20

Module content:

Theory of counselling. Interviewing: Interview; the consultation process; verbal, written and non-verbal communication to clients, patients, employees as individuals or groups in different stages of the life cycle in health and disease in homogenic and trans/multi-cultural situations by means of applicable theoretical frameworks.

DTT 320 Clinic and discussion class 320

Academic organisation: Human Nutrition

Prerequisite: AGV 413,BCM 251,BCM 252,BCM 261,BCM 262,DTT 222,FLG 211,FLG 221,FLG 222,GMB 252

Contact time: 1 dpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 6

Module content:

Practice training: Management of a dietetics clinic. Practising the consultation process and practice management in a dietetics clinic.

DTT 411 Dietetics profession 411

Academic organisation: Human Nutrition

Prerequisite: FLG 312,FLG 314,FAR 381,FAR 382,MRZ 310,NTA 313,RCH 310,DTT 310,VDS 320,VDB 320

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 5

Module content:

Dietetics profession.

DTT 480 Integration in dietetics 480

Academic organisation: Human Nutrition

Prerequisite: FLG 312,FLG 314,FAR 381,FAR 382,MRZ 310,NTA 313,RCH 310,DTT 310,VDS 320,VDB 320

Contact time: 1 spw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 4

Module content:

*Attendance module only

EXE 252 Applied nutrition 252

Academic organisation: Human Nutrition

Prerequisite: EXE 152

Contact time: 3 lpw

Period of presentation: Quarter 2

Language of tuition: Double medium

Credits: 8

Module content:

*Service module offered by the Department of Human Nutrition for Biokinetics, Sport and Leisure Sciences.

*Closed – requires departmental selection.

Food environment, nutrition during growth, nutrition and physical fitness, nutrition and stress management.

FAR 171 Pharmacology 171

Academic organisation: Pharmacology

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 5

Module content:

The module will provide the oral hygiene student with appropriate pharmacological knowledge and understanding of drugs that necessitate treatment modification to the patient's treatment plan. The oral hygiene student will be equipped with a practical understanding of pharmaco-therapeutic concepts which are essential for prescribing medicaments used for oral hygiene, and to make an informed choice of a safe suitable local anaesthetic drug for the administering thereof to a patient. He/she must be able to apply knowledge of pharmacology in the clinical setting and in performing procedures pertaining to the scope of oral hygiene.

FAR 180 Pharmacology 180

Academic organisation: Pharmacology

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 2

Module content:

Introductory principles to clinical pharmacotherapy. Core pharmacotherapy and applicable clinical aspects of the most general and prominent diseases and conditions.

FAR 280 Pharmacology 280

Academic organisation: Pharmacology

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 2

Module content:

Introductory principles to clinical pharmacotherapy. Core pharmacotherapy and applicable clinical aspects of the most general and prominent diseases and conditions.

FAR 300 Pharmacology 300

Academic organisation: Pharmacology

Contact time: 4 lpw 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 16

FAR 307 Pharmacology 307

Academic organisation: Pharmacology

Contact time: 1 dpw 2 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 9

FAR 370 Clinical pharmacotherapy 370

Academic organisation: Pharmacology

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 2 lpw 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 8

Module content:

Introductory principles of clinical pharmacotherapy in view of applicable patient problems, receptors for medicines, principles of structure activity relationships, dynamic and kinetic principles to bring pharmacological principles and clinical therapy together in a problem-based curriculum.

FAR 380 Dispensing 380

Academic organisation: Pharmacology

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 4

Module content:

To attain the necessary knowledge and skills needed to successfully apply for a license to dispense, the module focuses on the minimum criteria set by the South African Pharmacy Council. Particular focus is placed on practical dispensing skills, integration of knowledge and skills, appropriate prescribing, legally sound prescription methods and proper communication.

FAR 381 Pharmacology 381

Academic organisation: Pharmacology

Prerequisite: FLG 211, FLG 212, FLG 221, FLG 222

Contact time: 2 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 20

Module content:

Introduction, receptors, antagonism, kinetic principles, drugs that impact upon the autonomic and central nervous system, pharmacotherapy of hypertension, angina pectoris, myocardial infarction, heart failure, arrhythmias, and epilepsy. Diuretics, glucocorticosteroids, local anaesthetics, anaesthetic drugs, analgesics, iron and vitamins, oncostatics and immuno suppressants.

FAR 382 Pharmacology 382

Academic organisation: Pharmacology

Prerequisite: FAR 381, FLG 211, FLG 212, FLG 221, FLG 222

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 15

Module content:

Hormones, drugs that act on the histaminergic, serotonergic, and dopaminergic receptors. Pharmacotherapy of diabetes mellitus, schizophrenia, depression, obesity, anxiety, insomnia, gastro-intestinal diseases. Anticoagulants, antimicrobial drugs.

FAR 383 Pharmacology 383

Academic organisation: Pharmacology

Contact time: 2 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 5

FAR 384 Pharmacology 384

Academic organisation: Pharmacology

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 4

FLG 170 Physiology 170

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 3

Module content:

Physiology is the study of organisms at a cellular and system level. Physiology will provide the student with the necessary knowledge to understand functioning and abnormalities of the human body, the vital organs necessary for normal functioning and the systems that provide essential communication for the control of the body functions and homeostasis.

FLG 171 Physiology 171

Academic organisation: Physiology

Contact time: 1 ppw 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 8

Module content:

Physiology is the study of organisms at a cellular and system level. Physiology will provide the oral hygiene student with the necessary knowledge to understand functioning and abnormalities of the human body, the vital organs necessary for normal

functioning and the systems that provide essential communication for the control of the body functions and homeostasis. The module content will serve as preknowledge for clinical subjects.

FLG 211 Introductory and neurophysiology 211

Academic organisation: Physiology

Prerequisite: CMY 117, CMY 127, MLB 111, PHY 131 or PHY 171

Contact time: 2 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

Module content:

Orientation in physiology, homeostasis, cells and tissue, muscle and neurophysiology, cerebrospinal fluid and the special senses.

Practical work: Experimental physiology to complement the theory.

FLG 212 Circulatory physiology 212

Academic organisation: Physiology

Prerequisite: CMY 117, CMY 127, MLB 111, PHY 131 or PHY 171

Contact time: 2 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 16

Module content:

Body fluids; haematology; cardiovascular physiology and the lymphatic system. Practical work: Practical exercises and experimental physiology.

FLG 221 Lung and renal physiology, acid-base balance and temperature 221

Academic organisation: Physiology

Prerequisite: FLG 211, FLG 212

Contact time: 2 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 16

Module content:

Structure, gas exchange and secretory functions of the lungs; build, excretory and non-urinary functions of the kidneys, acid-base balance, as well as the skin and body temperature control.

Practical work: Practical exercises and experimental physiology.

FLG 222 Digestion, endocrinology and reproductive system 222

Academic organisation: Physiology

Prerequisite: FLG 211, FLG 212

Contact time: 1 ppw 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 16

Module content:

Nutrition, digestion and metabolism; hormonal control of the body functions and the reproductive systems.

Practical work: Experimental physiology.

FLG 311 Applied cellular physiology 311

Academic organisation: Physiology

Prerequisite: BCM 253 GS, BCM 254 GS, BCM 255 GS, BCM 256 GS, BCM 263 GS, BCM 264 GS, BCM 265 GS, BCM 266 GS, FLG 221 and FLG 222

Contact time: 1 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 14

Module content:

This module comprises studies of the cell cycle, signal transduction pathways involved, cell cycle defects and mutations, cellular radiosensitivity and the physiological role, morphological properties and biochemical mechanisms of apoptosis and autophagy.

Practical work: Exposure to applied cellular and in vitro cell culture techniques.

FLG 312 Developmental physiology 312

Academic organisation: Physiology

Prerequisite: Natural and Agricultural Sciences: GS for all of BCM 253, BCM 254, BCM 255, BCM 256, BCM 263, BCM 264, BCM 265, BCM 266, FLG 221 and FLG 222;

Health Sciences: BCM 253, BCM 254, BCM 255, BCM 256, BCM 263, BCM 264, BCM 265, BCM 266, FLG 221 and FLG 222

Contact time: 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 9

Module content:

Study of the physiological development and adaptations from the foetus through to the aged.

FLG 313 Research methodology and literature studies 313

Academic organisation: Physiology

Prerequisite: BCM 253 GS, BCM 254 GS, BCM 255 GS, BCM 256 GS, BCM 263 GS, BCM 264 GS, BCM 265 GS, BCM 266 GS, FLG 221 and FLG 222

Contact time: 1 dpw 1 ppw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 14

Module content:

Research methodology, career planning, subject orientated literature studies and seminars.

Practical work: Preparation of research protocol, gathering of information (literature), writing of seminar.

FLG 314 Immunology 314

Academic organisation: Physiology

Prerequisite: Natural and Agricultural Sciences: GS for all of BCM 253, BCM 254, BCM 255, BCM 256, BCM 263, BCM 264, BCM 265, BCM 266, FLG 221 and FLG 222

Health Sciences: BCM 253, BCM 254, BCM 255, BCM 256, BCM 263, BCM 264, BCM 265, BCM 266, FLG 221 and FLG 222

Contact time: 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 9

Module content:

Introduction to basic, applied and integrated immunological mechanisms.

FLG 321 Immunology 321

Academic organisation: Physiology

Prerequisite: FLG 221, FLG 222, BCM 216, BCM 226, BCM 227, BCM 217

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 2

Module content:

Introduction to basic, applied and integrated immunological mechanisms.

FLG 322 Industrial physiology 322

Academic organisation: Physiology

Prerequisite: BCM 253 GS, BCM 254 GS, BCM 255 GS, BCM 256 GS, BCM 263 GS, BCM 264 GS, BCM 265 GS, BCM 266 GS, FLG 221 and FLG 222

Contact time: 1 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 14

Module content:

Problem-orientated module, with the emphasis on occupational health and safety in the industrial environment. Integration of different physiological systems is required.

Practical work: Exposure to occupational hygiene measurement techniques.

FLG 324 Exercise physiology 324

Academic organisation: Physiology

Prerequisite: BCM 253 GS, BCM 254 GS, BCM 255 GS, BCM 256 GS, BCM 263 GS, BCM 264 GS, BCM 265 GS, BCM 266 GS, FLG 221 and FLG 222

Contact time: 1 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 14

Module content:

Mechanisms of muscle contraction and energy sources. Cardio-respiratory changes, thermo-regulation and other adjustments during exercise. Use and misuse of substances to improve performance.

Practical work: Applied practical work.

FLG 325 Nutrition physiology 325

Academic organisation: Physiology

Prerequisite: BCM 253 GS, BCM 254 GS, BCM 255 GS, BCM 256 GS, BCM 263 GS, BCM 264 GS, BCM 265 GS, BCM 266 GS, FLG 221 and FLG 222

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 9

Module content:

The importance of nutrients and micro nutrients in the composition of a normal diet; the neuro-endocrine control of food intake and special aspects of function control of the digestive tract.

FLG 327 Higher neurological functions 327

Academic organisation: Physiology

Prerequisite: BCM 253 GS, BCM 254 GS, BCM 255 GS, BCM 256 GS, BCM 263 GS, BCM 264 GS, BCM 265 GS, BCM 266 GS, FLG 221 and FLG 222

Contact time: 2 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 20

Module content:

A module that focuses on the physiology of higher brain functions. Discussions are held on the interactions between the brain, immune and endocrine systems.

NB: Limited choice between this module and others. Consult with the head of department.

FLG 328 Pathophysiology 328

Academic organisation: Physiology

Prerequisite: BCM 253 GS, BCM 254 GS, BCM 255 GS, BCM 256 GS, BCM 263 GS, BCM 264 GS, BCM 265 GS, BCM 266 GS, and FLG 221 and FLG 222

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 9

Module content:

Human patho and applied physiology.

FLG 329 Integrated human physiology 329

Academic organisation: Physiology

Prerequisite: BCM 253 GS, BCM 254 GS, BCM 255 GS, BCM 256 GS, BCM 263 GS, BCM 264 GS, BCM 265 GS, BCM 266 GS, FLG 221 and FLG 222

Contact time: 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 9

Module content:

Integration of all the human physiological systems.

FSG 100 Physiology 100

Academic organisation: Physiology

Prerequisite: PHY 112, CMY 112, FTP 100, 120, FIL 100, ANA 101

Contact time: 4 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 19

FSG 102 Physiology 102

Academic organisation: Physiology

Contact time: 4 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 17

FSG 110 Physiology 110

Academic organisation: Physiology

Contact time: 3 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 6

Module content:

Introduction (terminology and anatomical orientation); chemical principles; cytology and histology; neuro-physiology and the senses; haematology and body fluids; cardiovascular system.

FSG 120 Physiology 120

Academic organisation: Physiology

Prerequisite: FSG 110

Contact time: 3 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 6

Module content:

Respiratory system; nutrition; digestion and metabolism; kidneys and acid-base equilibrium; endocrinology; reproduction physiology and reproduction; skin and body temperatures.

FSG 161 Physiology 161

Academic organisation: Physiology

Contact time: 4 lpw 1 ppw

Period of presentation: Quarter 3

Language of tuition: Double medium

Credits: 12

Module content:

Introduction and neurophysiology: homeostasis, cytology and histology, muscles and neurophysiology, cerebrospinal fluid, the special senses.

FSG 162 Physiology 162

Academic organisation: Physiology

Contact time: 4 lpw 1 ppw

Period of presentation: Quarter 4

Language of tuition: Double medium

Credits: 12

Module content:

Circulatory physiology: Body fluids, haematology, body defence mechanisms, cardiovascular physiology, lymphatic system.

FSG 181 Physiology 181

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 2

Module content:

Basic clinical physiology: Homeostasis, cellular metabolism, membrane potential, cardio-peripheral, reticulo-endothelial, respiratory and gastro-intestinal systems.

FSG 182 Physiology 182

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 2

Module content:

Basic clinical physiology: Genito-urinary, nervous system and special senses, musculoskeletal, endocrine systems.

FSG 185 Physiology 185

Academic organisation: Physiology

Contact time: 8 lpw 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

Module content:

Introduction to Physiology, homeostasis and body fluids, cell physiology, haematology and immunology, cardiovascular system, respiration, neurophysiology and senses, gastrointestinal physiology and nutrition, kidneys, endocrinology, reproduction, skin and body temperature.

FSG 200 Physiology 200

Academic organisation: Physiology

Prerequisite: MLB 111, MBL 120, CMY 112, CMY 122, PHY 112, PHY 122, FIL 100

Contact time: 1 ppw 8 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

FSG 220 Physiology 220

Academic organisation: Physiology

Prerequisite: BLG 150, BLG 160

Contact time: 3 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 7

FSG 251 Physiology 251

Academic organisation: Physiology

Prerequisite: RAN 100, RFI 110, FSG 161, FSG 162, MTL 180, RAW 180, RAW 182

Contact time: 1 dpw 1 ppw 4 lpw

Period of presentation: Quarter 1

Language of tuition: Double medium

Credits: 6

Module content:

Structure, gas exchange and secretory functions of the lungs; build, excretory and non-urinary functions of the kidneys, acid-base balance, as well as the skin and body temperature control.

Practical work: lung functions/spirometry, kidney function tests – side-room urine examinations. Digestion. Metabolism. Pathophysiology.

FSG 252 Physiology 252

Academic organisation: Physiology

Prerequisite: RAN 100, RFI 110, FSG 161, FSG 162, RAW 180, RAW 182, MTL 180

Contact time: 1 dpw 4 lpw

Period of presentation: Quarter 2

Language of tuition: Double medium

Credits: 6

Module content:

Nutrition, digestion and metabolism, hormonal control of body functions and the reproductive systems.

Practical work: endocrine system, reproductive system, pregnancy test.

FSG 261 Physiology 261

Academic organisation: Physiology

Prerequisite: PHY 131, CMY 151, ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, FSG 162, FTP 100

Contact time: 2 lpw

Period of presentation: Quarter 3

Language of tuition: Double medium

Credits: 6

Module content:

Special neuro and muscle physiology.

FSG 262 Physiology 262

Academic organisation: Physiology

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182,MTL 180

Contact time: 3 lpw

Period of presentation: Quarter 4

Language of tuition: Double medium

Credits: 6

Module content:

Applied pathophysiology.

FSG 281 Physiology 281

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 2

Module content:

Intermediate clinical physiology: Cardio-peripheral, reticulo-endothelial, respiratory and gastro-intestinal systems.

FSG 282 Physiology 282

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 2

Module content:

Intermediate clinical physiology: Genito-urinary, nervous systems and special senses, musculoskeletal, endocrine systems.

FSG 300 Physiology 300

Academic organisation: Physiology

Contact time: 8 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 32

FSG 370 Applied physiology 370

Academic organisation: Physiology

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 1 dpw 4 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

Module content:

Consult the Department of Physiology.

FSG 381 Physiology 381

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 2

Module content:

Advanced clinical physiology with emphasis on the child and application to anaesthetics and emergency care.

FSG 382 Physiology 382

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 2

Module content:

Advanced clinical physiology with emphasis on the central nervous system, orthopaedics and emergency care.

FSS 480 Internship training in food service system management 480

Academic organisation: Human Nutrition

Contact time: 5 dpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 35

FTP 100 Physiotherapy 100

Academic organisation: Physiotherapy

Contact time: 4 ppw 1 web-based period per week 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 15

Module content:

General introduction and orientation to physiotherapy, PBL skills and evidence-based approach to physiotherapy. Introduction to biomechanics, terminology, passive movements, measurement of the range of movement, clinical visits and patient-handling.

Kinetics: axis, planes, levers, effect of gravity on the human body.

Applied electrobiomechanics: introduction to radiation, high-frequency, ultrasound, shortwave diathermy, laser, ultraviolet, infrared radiation.

Introduction to manual therapy: general introduction to massaging, evaluation of soft tissue, types applications and effects of massage techniques on various types of tissue, modalities application to the human body.

Human movement science: introduction to biomechanics, study of human movement, functional evaluation, muscle-testing, types of muscular activity, kinematics: analysis of movement, motor control and posture, characteristics of normal movement. Applied electrobiomechanics, introduction to medium frequency currents, Russian currents.

Pulmonology.

Note: Physiotherapy is presented in a problem-based and integrated manner.

FTP 203 Physiotherapy 203

Academic organisation: Physiotherapy

Contact time: 1 web-based period per week 4 ppw 8 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 52

Module content:

The problem-based learning approach to the principles of human movement science manual therapy for soft tissue and electro-biomechanics. This approach is applied by using selected clinical conditions of the thorax, pelvis and hip-joint over the total life spectrum.

The problem-based approach to the treatment of selected clinical conditions of the knee, ankle and foot complex, the pectoral girdle and gleno-humeral joint, the elbow, forearm and wrist and hand complex over the total life-cycle, through the application of the principles of human movement science manual therapy for soft tissue and electro-biomechanic.

FTP 220 Physiotherapy clinical practice 220

Academic organisation: Physiotherapy

Prerequisite: PHY 131,CMY 151,FSG 161,FSG 162,ANA 151,FTP 100,ANA 152,SLK 110,ANA 161,ANA 162

Contact time: 1 lpw 1 other per week

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Study of the epidemiology, prevalence and incidence of selected clinical conditions.

Students acquire clinical experience through the treatment of selected clinical conditions in various health care institutions, practices and clinics.

A theoretical and clinical examination will take place after conclusion of the module.

FTP 300 Physiotherapy 300

Academic organisation: Physiotherapy

Prerequisite: FSG 251,FSG 252,FSG 261,FSG 262,ANP 210,GMB 252,GMB 253,FTP 241,POL 251,FTP 231

Contact time: 2 lpw 3 web-based periods per week 2 other per week 3 ppw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 40

Module content:

Theory of comprehensive physiotherapeutic management (prevention, promotion, restoration, and rehabilitation) of notifiable, non-notifiable and infectious conditions.

Diseases of lifestyle, chronic disease, the impact of HIV on disability and on patients with trauma, mental health. Impact of physical/economic/political/psychosocial environment on health and well-being, health promotion and development and sports science.

Comprehensive physiotherapy management is applied to infant health, during childhood, adolescent health, women's and men's health, health and disease in middle age and geriatrics.

FTP 301 Physiotherapy clinical practice 301

Academic organisation: Physiotherapy

Prerequisite: FSG 251,FSG 252,FSG 261,FSG 262,ANP 210,GMB 252,GMB 253,FTP 231,FTP 241,POL 251

Contact time: 2 web-based periods per week 2 ppw 1 dpw 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 60

Module content:

Comprehensive clinical management of patients with communicable and non-communicable diseases and conditions, patients with an impairment or disability as a result of the impact of physical/economic/political and psychosocial environment on health and well-being, health promotion, and development and sports science.

Comprehensive clinical management is applied where relevant on infant health, during

childhood, adolescence, in women's and men's health, and health and disease in middle age and geriatrics, diseases of lifestyle, chronic disease, impact of HIV on disability, victims of trauma, and/or a mental health condition.

FTP 400 Physiotherapy 400

Academic organisation: Physiotherapy

Prerequisite: MRZ 310,RHC 451,RHC 452,FAR 381,FAR 382,FTP 300,FTP 301,POL 300

Contact time: 1 web-based period per week 2 ppw 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 30

Module content:

Advanced comprehensive physiotherapeutic management of communicable and non-communicable diseases and conditions. This includes diseases of lifestyle, chronic disease, impact of HIV on disability, victims of trauma, and mental health. Impact of physical/economic/political/psychosocial environment of health and well-being, health promotion and development, and sport science. The comprehensive physiotherapeutic management is applied to patients of all ages where relevant: in infant health, childhood, adolescent health, women's and men's health, health and disease in middle age and geriatrics and is based on the epidemiology of disease.

Examination period: October/November.

FTP 401 Physiotherapy research 401

Academic organisation: Physiotherapy

Prerequisite: MRZ 310,RHC 451,RHC 452,FAR 382,FAR 381,FTP 300,FTP 301,POL 300

Contact time: 1 web-based period per week 3 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

The theoretical and practical application of research principles in physiotherapy and submission of an article based on research.

Examination period: October/November.

FTP 402 Physiotherapy clinical practice 402

Academic organisation: Physiotherapy

Prerequisite: MRZ 310,RHC 451,RHC 452,FAR 381,FAR 382,FTP 300,FTP 301,POL 300

Contact time: 1 web-based period per week 2 dpw 1 other per week

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 88

Module content:

Comprehensive clinical management of patients with communicable, non-communicable diseases and conditions, patients who have an impairment or disability due to the impact of physical/economic/political/psychosocial environment on health and well-being. Health promotion, and development and sport science. Comprehensive clinical management is applied where relevant to infant health, during childhood, adolescence, in women's health and men's health, and health and disease in middle age and geriatrics, diseases of lifestyle, chronic disease, impact of HIV on disability, victims of trauma, and/or a mental health condition, addressing the determinants of health over the

total life span. The module includes 800 hours clinical experience in a variety of health care scenarios.

Examination period: October/November.

GAP 170 Community as patient 170

Academic organisation: Community Dentistry

Contact time: 1 dpw 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: English

Credits: 7

Module content:

This module will enable the recently qualified oral hygienist to diagnose the oral health problems of any given community. Application of the knowledge gained from the module will enable him/her to participate in appropriate primary and secondary preventive programmes to improve the oral health of that community in accordance with the public oral health policy of South Africa.

GAP 270 Community as patient 270

Academic organisation: Community Dentistry

Prerequisite: FLG 170,GMB 170,MDB 170,TBW 170,ODO 170,PDL 170,DFA 170,VKM 170,GAP 170,RAD 170

Contact time: 1 ppw 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 11

Module content:

The module will enable the recently qualified oral hygienist to diagnose the oral health problems of any given community. Application of the knowledge gained from the module will enable him/her to participate in relevant primary and secondary preventive programmes to improve the oral health of that community in accordance with the Public Oral Health Policy of South Africa.

GAP 470 Community as patient 470

Academic organisation: Community Dentistry

Prerequisite: GNK 388,MDB 370,TGG 370,FSG 370,FAR 370,RAD 370,TBW 370,ODO 370,PDL 370,DFA 370

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 4

Module content:

The modules in this subject consist of theoretical and practical training in oral epidemiology, community based primary and secondary prevention and the application of the principles of public oral health in his/her working environment.

GAP 570 Community as patient 570

Academic organisation: Community Dentistry

Prerequisite: TBW 470,ODO 470,MFP 470,PDL 470,DFA 470,OFC 470,PTK 470,GAP 470,TMZ 470,

Contact time: 3 other per week 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 6

Module content:

The modules in this subject consist of theoretical and practical training in oral epidemiology, community based primary and secondary prevention and the application of the principles of public oral health in his/her working environment.

GGG 400 Community Health 400

Academic organisation: Community Health

Contact time: 2 dpw 2 ppw 2 lpw

Period of presentation: Year

Language of tuition: English

Credits: 12

GMB 170 Microbiology and immunology 170

Academic organisation: Medical Microbiology

Contact time: 2 other per week 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 8

Module content:

This module will provide the oral hygiene student with a thorough basic knowledge of:

- Basic microbiology
- Applied oral microbiology
- Basic immunological principles
- Applied immunology
- Principles of hypersensitivity, auto-immune disease and immunisation.

GMB 171 Microbiology and immunology 171

Academic organisation: Medical Microbiology

Period of presentation: Semester 1

Language of tuition: English

Credits: 8

Module content:

This module will provide the oral hygiene student with a thorough basic knowledge of:

- Basic microbiology
- Applied oral microbiology
- Basic immunological principles
- Applied immunology
- Principles of hypersensitivity, auto-immune disease and immunisation

The module content will serve as preknowledge for clinical subjects.

GMB 252 Medical microbiology 252

Academic organisation: Medical Microbiology

Prerequisite: PHY 131, CMY 151, FSG 161, FSG 162, SLK 151, FTP 100, ANA 152, SLK 253, SLK 154, ANA 162

Contact time: 2 lpw

Period of presentation: Quarter 2

Language of tuition: Both Afr and Eng

Credits: 2

Module content:

Infection, immunity and basic bacteriology.

Introduction and basic principles of infection, sterilisation and the immune system.

Bacterial cells and the classification of disease-causing bacteria.

GMB 253 Medical microbiology 253

Academic organisation: Medical Microbiology

Prerequisite: PHY 131, CMY 151, FSG 161, FSG 162, SLK 151, FTP 100, ANA 152, SLK 253, SLK 154, ANA 162

Contact time: 2 lpw

Period of presentation: Quarter 3

Language of tuition: Both Afr and Eng

Credits: 2

Module content:

Systemic bacteriology.

Commonly occurring bacterial infections and the bacteria that cause them.

GMB 254 Medical microbiology 254

Academic organisation: Medical Microbiology

Prerequisite: PHY 131, CMY 151, FSG 161, FSG 162, SLK 151, FTP 100, ANA 152, SLK 253, SLK 154, ANA 162

Contact time: 2 lpw

Period of presentation: Quarter 4

Language of tuition: Both Afr and Eng

Credits: 2

Module content:

Fungi, parasitology and virology.

Commonly occurring fungal, viral and parasite infections and infestations, and the organisms that cause them.

GMB 300 Medical microbiology 300

Academic organisation: Medical Microbiology

Contact time: 1 ppw 4 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 18

GNK 120 Orientation 120

Academic organisation: Health Sciences Dean's Office

Prerequisite: CMY 151, PHY 131, FIL 155, MLB 111, MTL 180, CIL 111 and MGW 112

Contact time: 4 spw 5 ppw 17 lpw 4 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 5

Module content:

Introduction to the Study of Medicine/Dentistry.

Introduction to the Faculty of Health Sciences and students' interaction with the faculty description of the curriculum and the demands made on students at different stages.

Introduction to the principles contained within the "golden threads". Introduction to the cultural differences and taboos important to the health care worker. First stages of learning a new language – Setswana and Afrikaans.

GNK 122 Computer orientation 122

Academic organisation: Obstetrics and Gynaecology

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 4

GNK 127 People and their environment 127

Academic organisation: Health Sciences Dean's Office

Prerequisite: CMY 151,PHY 131,MGW 112,FIL 155,MLB 111,MTL 180,CIL 111

Contact time: 2 dpw 5 spw 6 lpw 15 ppw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

The biopsychosocial approach to health care; patients in their family and community environment; the role of psychology in the work of a generalist; how patients adapt to sickness and cope with stress; the health care system in rural South Africa; health promotion and health education; the use of electronic databases.

GNK 128 Introduction to clinical pharmacotherapy 128

Academic organisation: Pharmacology

Prerequisite: CMY 151,PHY 131,FIL 155,MLB 111,MTL 180,CIL 111,MGW 112

Contact time: 5 dpw 5 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 10

Module content:

Introductory principles to clinical pharmacotherapy on the grounds of applicable patient problems/disease processes; receptors for medicines; principles of structure activity relationships; dynamic and kinetic principles to bring pharmacological principles and clinical therapy together in a problem-based curriculum.

GNK 283 Introduction to clinical medicine 283

Academic organisation: Obstetrics and Gynaecology

Prerequisite: CMY 151,FIL 155,MGW 112,MLB 111,PHY 131,MTL 180,GNK 120,BOK 121,GNK 127,GNK 128

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

The biopsychosocio model of illness; the SIAMS framework for the consultation; surface anatomy: the integrated management of childhood illness (IMCI); general physical examination skills and introduction to clinical departments.

GNK 285 Blood 285

Academic organisation: Family Medicine

Prerequisite: CMY 151,GNK 121,GNK 122,MLB 111,PHY 131,GNK 126,BOK 120,MTL 180,MGW 111,FIL 182

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 4

GNK 286 Basic emergency care 286

Academic organisation: Health Sciences Dean's Office

Prerequisite: CMY 151,FIL 155,MGW 112,MLB 111,PHY 131,MTL 180,GNK 120,BOK 121,GNK 127,GNK 128

Contact time: 1 other per week 8 ppw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 5

Module content:

Theory and practical training in basic emergency care.

GNK 288 Anatomy (Dissection) 288

Academic organisation: Anatomy

Prerequisite: CMY 151,GNK 120,GNK 127,MLB 111,PHY 131,GNK 128,BOK 121,MGW 112,FIL 155,MTL 180

Contact time: 14 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 37

Module content:

Clinically applied regional dissection of the upper limb, neck and back, head, brain, thorax, abdomen, pelvis and lower limb.

GNK 381 Heart and blood vessels 381

Academic organisation: Family Medicine

Prerequisite: BOK 280,GNK 288,BOK 284,GPS 280,BOK 281,GNK 283,GNK 286

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 25

Module content:

Discussion of the important diseases in order to obtain a complete overview of the disease, which will include anatomy, physiology, pathology, pharmacology and clinical medicine.

GNK 383 Respiratory system 383

Academic organisation: Family Medicine

Prerequisite: BOK 280,GNK 288,BOK 284,GPS 280,BOK 281,GNK 283,GNK 286,

Contact time: 12 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Lungs and chest.

Discussion of the significant diseases in order to obtain a complete overview of the disease, which will include anatomy, physiology, pathology, pharmacology and clinical medicine.

GNK 385 Preceptorship 385

Academic organisation: Family Medicine

Prerequisite: BOK 280,GNK 288,BOK 284,GPS 280,BOK 281,GNK 283,GNK 286

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 4

Module content:

A learning opportunity for the undergraduate student to:

- (i) experience in practice, the general practitioner or family physician,
- (ii) meet the unselected patient and
- (iii) observe first-hand, the problems which have to be contended within primary care. The problems comprise biomedical, psycho-social and managerial challenges.

GNK 386 Haematological malignancies 386

Academic organisation: Paediatrics

Prerequisite: BOK 280,GNK 288,BOK 284,GPS 280,BOK 281,GNK 283,GNK 286

Contact time: 1 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 5

Module content:

Haematological malignant neoplasia: Basic and clinical information with regard to this group of diseases, including healing ability with regard to lymphoma, leukaemia, myeloproliferative diseases; and immunoproliferative diseases.

GNK 388 Head and neck anatomy 388

Academic organisation: Anatomy

Prerequisite: GNK 288,BOK 283,BOK 281,GNK 286,GPS 280,IKT 200,BOK 280,SMO 211,SMO 281

Contact time: 12 ppw 16 dpw 4 lpw 8 spw

Period of presentation: Semester 1

Language of tuition: English

Credits: 4

Module content:

A relevant head-and-neck anatomy module for dental students, detailing essential information applicable to the practice of clinical dentistry.

GNK 481 Disorders of childhood 481

Academic organisation: Paediatrics

Prerequisite: GNK 381,GNK 383,BOK 380,GNK 386,GPS 380,BOK 382,GNK 488,SMO 311,SMO 380,SMO 382

Contact time: 6 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 31

Module content:

The module is designed to help students gain knowledge, skills and attitudes in order to understand and respond to the special needs and vulnerability of children in relation to development, nutrition, environment and adaptation; recognise by means of history and examination, common and important abnormalities of development, nutrition, environment and adaptation and be able to deal with them effectively; recognise by means of history and examination, common and important health problems of infancy and childhood and be able to deal with them effectively.

The mornings are devoted to direct contact with paediatric patients and their problems by means of small-group activities at a variety of experimental learning sites.

The afternoon periods are used for representative case studies with regard to a series of general or important themes, illustrated by multidisciplinary symposia, lectures, problem-solving exercises and self-tuition.

GNK 483 Musculoskeletal conditions 483

Academic organisation: Orthopaedics

Prerequisite: GNK 381,GNK 383,BOK 380,GNK 386,GPS 380,BOK 382,SMO 380,SMO 311,SMO 382

Contact time: 7 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 28

Module content:

A study of the build and functions as well as the diseases of the musculo-skeletal movement apparatus in adults and children. Emphasis is placed on the diagnosis and treatment of the most prominent conditions as well as the acquiring of practical and clinical skills.

GNK 484 Endocrinology 484

Academic organisation: Health Sciences Dean's Office

Prerequisite: GNK 381,GNK 383,BOK 380,GNK 386,GPS 380,BOK 382,SMO 380,SMO 311,SMO 382

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 6

Module content:

An opportunity for the student to become familiarised with the most common endocrinology problems in practice, including diabetes and obesity. The focus is on the recognition of these conditions and their practical handling.

GNK 485 Head and neck 485

Academic organisation: Otorhinolaryngology

Prerequisite: GNK 381,GNK 383,BOK 380,GNK 386,GPS 380,BOK 382,SMO 311,SMO 380,SMO 382

Contact time: 5 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 33

Module content:

An opportunity for the undergraduate student to acquire knowledge and skills in respect of the prevention, diagnosis and treatment of diseases of the head and neck region by means of lectures, seminars, self-tuition and practical sessions in the clinic, ward, theatre as well as the skills laboratory. A problem-based and inter-disciplinary approach is emphasised.

GNK 486 Ageing 486

Academic organisation: Psychiatry

Prerequisite: GNK 381,GNK 383,BOK 380,GNK 386,GPS 380,BOK 382,SMO 311,SMO 380,SMO 382

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 8

Module content:

Discussion of the physiology and psychology of ageing and an overview of diseases commonly found in the elderly, with a biomedical psycho-social approach.

GNK 487 Skin 487

Academic organisation: Family Medicine

Prerequisite: GNK 381,GNK 383,BOK 380,GNK 386,GPS 380,BOK 382,SMO 311,SMO 380,SMO 382

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

Clinical manifestations and management.

GNK 488 Elective 488

Academic organisation: Health Sciences Dean's Office

Prerequisite: BOK 280,BOK 284,GNK 286,GPS 280,SMO 281,BOK 281,GNK 283,GNK 288,SMO 211

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 23

Module content:

An opportunity for the undergraduate student to acquire knowledge, skills and experience in the medical practice environment.

GNK 581 Psychiatry and social dysfunction 581

Academic organisation: Psychiatry

Prerequisite: GNK 481,BOK 480,BOK 482,GNK 485,GNK 483,GNK 487,GNK 486,GNK 484,GNK 385,SMO 411

Contact time: 18 lpw 5 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 34

Module content:

The module will help students to acquire knowledge, skills and attitudes that will enable them to diagnose and manage certain psychiatric conditions. Preventive and promotive aspects of management are also emphasised. These psychiatric conditions include the following: mood disorders, anxiety disorders, alcohol and substance-related disorders, sexual disorders, schizophrenia and other psychotic disorders, mental disorders due to general medical conditions, personality disorders, eating disorders and sleep disorders. These topics will be handled as applicable to children, adolescents and adults.

Additional topics include: legal aspects, aggression, child abuse, child development, mental retardation and interpersonal skills.

During morning lectures, students are directly exposed to psychiatric patients and their problems by means of small-group activities.

The afternoon lectures are used for the solution of problem-orientated case studies and accompanied exploration of the themes mentioned above. The module is student-oriented, with the emphasis on self-tuition.

GNK 582 Health and healthcare 582

Academic organisation: Family Medicine

Prerequisite: BOK 480,BOK 482,GNK 481,GNK 483,GNK 484,GNK 485,GNK 486,GNK 487,GNK 385,SMO 411

Contact time: 2 dpw 15 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 31

Module content:

This module aims to integrate the concepts of Family Medicine and Community Medicine for the delivery of health care in South Africa. The module content covers medico-legal aspects of practice, ethical issues, as well as approaches to common problems in practice, with emphasis on the application of the biopsychosocial model of care in the South African district health system.

GNK 583 Traumatology 583

Academic organisation: Surgery

Prerequisite: BOK 480,BOK 482,GNK 481,GNK 483,GNK 484,GNK 485,GNK 486,GNK 487,GNK 385,SMO 411

Contact time: 3 dpw 1 ppw 1 other per week 10 lpw 1.5 spw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 25

Module content:

The block consists of two modules, one practical and the other theoretical. The objective of the trauma practicals is to introduce students to clinical recognition of trauma emergencies, institution of emergency resuscitation, application of life saving and life support manoeuvres and emergency treatment of the trauma victim. Using actors/models, students are taught the application of the Advanced trauma life support (ATLS) (ABCDE) type approach to trauma.

The trauma theory comprises the introduction to the full spectrum of trauma as a disease. Epidemiology of trauma, mechanisms of wounding, including ballistics, the biological response to trauma, wound healing and complications of trauma will be taught. Emergency treatment, resuscitation and intensive care treatment of the trauma victim will be covered.

A systematic course on a thematic basis will be given to cover the major organ systems prioritised according to the ATLS type approach of life threatening, limb threatening or disfiguring injuries.

Thus, thoracic, cardiovascular, abdominal, head and neck trauma will be dealt with as potential life threatening injuries, orthopaedic as limb threatening trauma and skin injuries are mainly disfiguring. Thermal, electrical and chemical burns and hypothermia will be covered. Introduction to physical and psychological rehabilitation and nutrition of the trauma victim will be taught.

GNK 585 Pharmacotherapy 585

Academic organisation: Pharmacology

Prerequisite: BOK 480,BOK 482,GNK 481,GNK 483,GNK 484,GNK 485,GNK 486,GNK 487,GNK 385,SMO 411

Contact time: 1 dpw 8 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 7

Module content:

Core pharmacotherapy and applicable clinical aspects of the most general and prominent diseases and conditions, principles of toxicology and medical-forensic aspects of substance abuse, court proceedings and iatrogenic deaths.

GNK 586 Anaesthesiology 586

Academic organisation: Anaesthesiology

Prerequisite: BOK 480,BOK 482,GNK 481,GNK 483,GNK 484,GNK 485,GNK 486,GNK 487,GNK 385,SMO 411

Contact time: 8 lpw 1 dpw 1 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 13

Module content:

A basic introduction to the underlying principles of the theory and practice of anaesthesiology applicable to the generalist. Learning experiences comprise practical residency (prior to Block 18), formal interactive lectures, workshops and case studies (during Block 18).

GNK 680 Surgery 680

Academic organisation: Surgery

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586,SMO 511,SMO 512

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 52

Module content:

Surgery (7 weeks) in the Student Intern Complex: General surgery, vascular surgery, plastic surgery, paediatric surgery, cardiothoracic surgery.

GNK 681 Orthopaedics 681

Academic organisation: Surgery

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586,SMO 511,SMO 512

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 17

Module content:

Orthopaedics (three weeks) in the Student Intern Complex.

GNK 682 Anaesthesiology 682

Academic organisation: Anaesthesiology

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586,SMO 511,SMO 512

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Anaesthesiology (3½ weeks) in the Student Intern Complex.

GNK 683 Internal medicine 683

Academic organisation: Internal Medicine

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586,SMO 511,SMO 512

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 45

Module content:

Internal medicine (7 weeks) in the Student Intern Complex.

GNK 684 Internal medicine sub-disciplines 684

Academic organisation: Internal Medicine

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586,SMO 511,SMO 512

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

GNK 685 Psychiatry 685

Academic organisation: Psychiatry

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586,SMO 511,SMO 512

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

Module content:

Psychiatry (7 weeks) in the Student Intern Complex.

GNK 686 Obstetrics and gynaecology 686

Academic organisation: Obstetrics and Gynaecology

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586,SMO 511,SMO 512

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 40

Module content:

Obstetrics and gynaecology (7 weeks) in the Student Intern Complex.

GNK 687 Paediatrics 687

Academic organisation: Paediatrics

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586,SMO 511,SMO 512

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 40

Module content:

Paediatrics (7 weeks) in the Student Intern Complex.

GNK 688 Community-based education 688

Academic organisation: Obstetrics and Gynaecology

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586,SMO 511,SMO 512

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Community-based education (3½ weeks) in the Student Intern Complex.

GNK 689 Diagnostic laboratory; image forming; evidence based medicine and bio-ethics 689

Academic organisation: Health Sciences Dean's Office

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 11

Module content:

Diagnostic laboratory medicine (2 weeks); image-forming medicine; evidence-based medicine and bio-ethics (two days) in the Student Intern Complex.

GNK 690 Urology 690

Academic organisation: Urology

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 11

Module content:

Urology (2 weeks) in the Student Intern Complex.

GNK 691 Family medicine 691

Academic organisation: Family Medicine

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Family medicine (3½ weeks) in the Student intern complex.

GNK 692 Community obstetrics 692

Academic organisation: Obstetrics and Gynaecology

Prerequisite: GNK 581,GNK 582,GNK 583,GNK 585,GNK 586

Contact time: 40 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Community obstetrics (3½ weeks) in the Student Intern Complex.

GPS 280 Generic procedural skills 280

Academic organisation: Health Sciences Dean's Office

Prerequisite: CMY 151,GNK 127,GNK 128,MLB 111,PHY 131,GNK 120,BOK 121,MGW 112,FIL 155,MTL 180

Contact time: 3 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 2

GPS 370 Generic procedural skills 370

Academic organisation: School of Dentistry

Contact time: 1 ppw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 5

Module content:

Procedures: skin, scrubbing and dressing for theatre.

Physical examinations: cardiovascular examination, respiratory examination.

GPS 380 Generic procedural skills 380

Academic organisation: Health Sciences Dean's Office

Prerequisite: BOK 280,GNK 283,GNK 288,GPS 280,BOK 281,SMO 211,GNK 286,BOK 284,SMO 281

Contact time: 1 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 5

GTH 201 Community dentistry 201

Academic organisation: Community Dentistry

Prerequisite: MHI 100,ANH 100,FSG 101,MBG 106,THM 100,TPG 100,NHS 100,RON 100

Contact time: 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 6

GTH 500 Community dentistry 500

Academic organisation: Community Dentistry

Prerequisite: CHP 401, ANE 400, CHR 401, IGK 401, KGM 400, HTH 400, MPG 400, MDB 410, ORD 400, RON 400

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 2

GTH 702 Community dentistry 702

Academic organisation: Community Dentistry

Contact time: 4 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

GVP 110 Community nursing science 110

Academic organisation: Nursing Science

Contact time: 2 lpw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 6

Module content:

The community nursing context.

Community health, community-based nursing care and primary health care (PHC).

Processes in community nursing.

Assessment, diagnosis, intervention and evaluation. Health education and home healthcare nursing.

GVP 120 Community nursing science 120

Academic organisation: Nursing Science

Prerequisite: GVP 110

Contact time: 1 other per week 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 6

Module content:

Care of individuals, families and communities in the community nursing context.

Comprehensive approach to the care of infants, children, women, men and those within unique settings or circumstances (e. g. the elderly, the homeless, marginalised communities, emergency situations and reproductive health). Common community health problems.

Communicable diseases and immunisation, HIV/Aids. Chronic physical and mental health problems. Social pathology in the community.

GVP 160 Community nursing science 160

Academic organisation: Nursing Science

Contact time: 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 4

Module content:

*Attendance module only

Community nursing science practical work.

Compulsory practical work, which includes mother and child health, school health, occupational health and safety, geriatric care, the prevention and control of

communicable diseases, rehabilitation services and community resources, environmental safety, physical and nursing assessment of patients, diagnosis and care and health education.

Family study and community profile.

GVP 250 Community nursing science 250

Academic organisation: Nursing Science

Prerequisite: GVP 110,GVP 120

Contact time: 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

The community nursing process.

Assessment, planning, implementation and evaluation within the community health nursing context. Epidemiology and demography in community health nursing.

GVP 260 Community nursing science 260

Academic organisation: Nursing Science

Prerequisite: GVP 250

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

Community involvement.

Community empowerment, development and participation. Quality assurance and change in the community context.

GVP 300 Community nursing science 300

Academic organisation: Nursing Science

Prerequisite: GVP 250,GVP 260

Contact time: 2 dpw 2 lpw

Period of presentation: Year

Language of tuition: English

Credits: 5

Module content:

Application of relevant nursing theories.

Quality assurance. Nursing care planning and applicable nursing interventions in individual group, family and community contexts. Family care.

HMI 251 Human illness 251

Academic organisation: Nursing Science

Prerequisite: ANA 151,ANA 152,ANA 161,ANA 162,FSG 161,FSG 162,NUR 151,NUR 152,NUR 153,NUR 154,

Contact time: 3 lpw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 4

HMI 253 Human illness 253

Academic organisation: Nursing Science

Prerequisite: NUR 151,NUR 152,NUR 153,NUR 154,NPE 161,NPE 162,FSG 161,FSG 162,ANA 151,ANA 152

Contact time: 3 lpw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 4

HNT 210 Human nutrition 210

Academic organisation: Human Nutrition

Prerequisite: VDG 250

Contact time: 1 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

Module content:

Application of scientific principles in human nutrition.
Standards, guidelines and food composition tables.

HNT 220 Human nutrition 220

Academic organisation: Human Nutrition

Prerequisite: ANA 161,CIL 111,CIL 121,EOT 110,EOT 120,CMY 117,CMY 127,DTT 120,KEP 261,MGW 112

Contact time: 1 dpw 3 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 24

Module content:

Human nutrition in the life cycle. Menus (diet plan – meal plan – menus).

HNT 411 Advanced human nutrition 411

Academic organisation: Human Nutrition

Prerequisite: FLG 312,FLG 314,FAR 381,FAR 382,MRZ 310,NTA 313,RCH 310,DTT 310,VDS 320,VDB 320

Contact time: 1 dpw 3 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 18

Module content:

Seminars and case studies (theory and practical application): Eating behaviour, eating disorders, nutrient/nutrition supplementation, sports nutrition, vegetarianism, food safety, nutrition of the disabled, prevention of non-communicable disease of lifestyle; nutrition and immunity; nutrition and genetics.

HTH 500 Restorative dentistry 500

Academic organisation: Odontology

Prerequisite: CHP 401,ANE 400,CHR 401,IGK 401,KGM 400,HTH 400,MPG 400,MDB 410,ORD 400,RON 400

Contact time: 2 lpw 5 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

IKT 200 Introduction to clinical dentistry 200

Academic organisation: Dental Management Sciences

Prerequisite: BOK 121,CMY 151,FIL 155,GNK 120,GNK 127,GNK 128,MGW 112,MLB 111,MTL 180,PHY 131

Contact time: 15 other per week 5 lpw

Period of presentation: Quarter 3

Language of tuition: Double medium

Credits: 10

INX 280 Instrumentation 280

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 4

KDE 280 Nuclear medicine 280

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 5

KDE 381 Nuclear medicine 381

Academic organisation: Radiographic Sciences

Prerequisite: RFI 210,RFI 211,FSG 252,FSG 251,FSG 262,RGB 281,GNK 286,RDF 281,RDF 282,INX 280

Contact time: 2 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 5

KDE 382 Nuclear medicine 382

Academic organisation: Radiographic Sciences

Prerequisite: RFI 210,RFI 211,FSG 251,FSG 252,FSG 262,RGB 281,GNK 286,RDF 281,RDF 282,INX 280

Contact time: 2 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 5

KGM 500 Maxillo-facial and oral surgery 500

Academic organisation: Maxillo-Facial and Oral Surgery

Prerequisite: CHP 401,ANE 400,CHR 401,IGK 401,KGM 400,HTH 400,MPG 400,MDB 410,ORD 400,RON 400

Contact time: 2 dpw 2 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 20

KGM 701 Maxillo-facial and oral surgery 701

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

KGN 300 Clinical medicine 300

Academic organisation: Internal Medicine

Contact time: 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 8

KGN 301 Clinical medicine 301

Academic organisation: Internal Medicine

Contact time: 4 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 17

KLN 300 Clinical neurology 300

Academic organisation: NeUrology

Contact time: 1 lpw 1 other per week

Period of presentation: Year

Language of tuition: English

Credits: 3

KMH 220 Clinical oral medicine 220

Academic organisation: Community Dentistry

Prerequisite: CMY 151,MLB 111,FIL 155,PHY 131,GNK 121,GNK 126,MGW 111,GNK 122,BOK 120,MTL 180

Contact time: 12 lpw 14 ppw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 8

KMH 300 Clinical oral medicine 300

Academic organisation: Community Dentistry

Prerequisite: ANA 200,FSG 200,NMA 221

Contact time: 14 ppw 12 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 8

KOZ 280 Clinical oncology 280

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182

Contact time: 1 lpw 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 4

KOZ 380 Clinical oncology 380

Academic organisation: Radiographic Sciences

Prerequisite: RFI 210,RFI 211,FSG 251,FSG 252,FSG 262,RGB 281,GNK 286,RGB 282,RSZ 280,KOZ 280

Contact time: 2 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 7

KVG 110 Clinical nursing science 110

Academic organisation: Nursing Science

Contact time: 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

Statutory framework and scientific basis for clinical nursing practice.

Clinical nursing practice: legal aspects, statutory and professional control. Homeostasis, basic sciences and critical thinking exercises in clinical nursing. Problem-driven clinical nursing practice.

Problem-solving: characteristics, advantages and the problem-solving process.

Problem-solving and the nursing process. Aspects of systems-oriented nursing care: assessment, diagnosis, planning, implementing and evaluation.

KVG 120 Clinical nursing science 120

Academic organisation: Nursing Science

Prerequisite: KVG 110

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

Clinical reasoning in nursing practice.

Clinical judgement and clinical decision-making. Contextual and task features of clinical decision-making. Strategies to improve clinical reasoning. Clinical reasoning in the assessment of disease processes and in the evaluation of treatment modalities for disease processes in nursing practice.

Reflective clinical nursing practice.

Reflective nursing practice: principles and application. Delivery of problem-driven, problem-based and holistic nursing care within acute care settings.

KVG 250 Clinical nursing science 250

Academic organisation: Nursing Science

Prerequisite: KVG 110, KVG 120

Contact time: 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

Theory of specialised nursing practice.

In one of the following clinical nursing speciality areas: critical care, emergency nursing, advanced midwifery, neonatal nursing science, child nursing science or operating theatre nursing science. Contemporary problems and practice issues.

KVG 260 Clinical nursing science 260

Academic organisation: Nursing Science

Prerequisite: KVG 250

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

Theory of specialised nursing practice.

In one of the following clinical nursing speciality areas: critical care, emergency nursing, advanced midwifery, neonatal nursing science, child nursing science or operating theatre nursing science. Contemporary problems and practice issues.

KVG 300 Clinical nursing science 300

Academic organisation: Nursing Science

Prerequisite: KVG 250, KVG 260

Contact time: 2 lpw 2 dpw

Period of presentation: Year

Language of tuition: English

Credits: 5

Module content:

Role and functions of clinical nursing specialists in their area of specialisation.
Contemporary trends, issues and dilemmas in clinical nursing practice.

LCP 280 Longitudinal clinic attachment programme 280

Academic organisation: Health Sciences Dean's Office

Contact time: 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 5

Module content:

The longitudinal clinic attachment programme will link students to one of about 40 clinics in Pretoria and its surrounds. Each student is allocated to a specific clinic in Tshwane, Hammanskraal or Metsweding for a four-year period - medical students from the middle of the first year to the middle of the fifth year, and dentistry students from the middle of the first year to the end of the second year. Students will visit these clinics during the course of each block and special activity as negotiated with each block and rotation chair. The activities they do at the clinic will be the practical application of the theory they acquired in class with the added benefit of the experience of the context of the patient and the healthcare system.

LCP 380 Longitudinal clinic attachment programme 380

Academic organisation: Health Sciences Dean's Office

Contact time: 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 5

Module content:

The longitudinal clinic attachment programme will link students to one of about 40 clinics in Pretoria and its surrounds. Each student is allocated to a specific clinic in Tshwane, Hammanskraal or Metsweding for a four-year period - medical students from the middle of the first year to the middle of the fifth year, and dentistry students from the middle of the first year to the end of the second year. Students will visit these clinics during the course of each block and special activity as negotiated with each block and rotation chair. The activities they do at the clinic will be the practical application of the theory they acquired in class with the added benefit of the experience of the context of the patient and the healthcare system.

LCP 480 Longitudinal clinic attachment programme 480

Academic organisation: Health Sciences Dean's Office

Contact time: 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 5

Module content:

The longitudinal clinic attachment programme will link students to one of about 40 clinics in Pretoria and its surrounds. Each student is allocated to a specific clinic in Tshwane, Hammanskraal or Metsweding for a four-year period - medical students from the middle of the first year to the middle of the fifth year, and dentistry students from the middle of

the first year to the end of the second year. Students will visit these clinics during the course of each block and special activity as negotiated with each block and rotation chair. The activities they do at the clinic will be the practical application of the theory they acquired in class with the added benefit of the experience of the context of the patient and the healthcare system.

LCP 580 Longitudinal clinic attachment programme 580

Academic organisation: Health Sciences Dean's Office

Contact time: 4 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 5

Module content:

The longitudinal clinic attachment programme will link students to one of about 40 clinics in Pretoria and its surrounds. Each student is allocated to a specific clinic in Tshwane, Hammanskraal or Metsweding for a four-year period - medical students from the middle of the first year to the middle of the fifth year, and dentistry students from the middle of the first year to the end of the second year. Students will visit these clinics during the course of each block and special activity as negotiated with each block and rotation chair. The activities they do at the clinic will be the practical application of the theory they acquired in class with the added benefit of the experience of the context of the patient and the healthcare system.

MBE 170 Human biology 170

Academic organisation: Oral Pathology and Oral Biology

Contact time: 4 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

MBG 200 Microbiology 200

Academic organisation: Medical Microbiology

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 8

MBG 705 Microbiology 705

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MBL 120 Human biology 120

Academic organisation: Physiology

Prerequisite: MLB 111

Contact time: 4 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 9

MDB 170 Oral biology 170

Academic organisation: Oral Pathology and Oral Biology

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: English

Credits: 7

Module content:

This module will provide the oral hygiene student with knowledge of the development and normal macroscopic and microscopic features and functions of the teeth, mouth and related structures.

MDB 171 Oral biology 171

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 lpw 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 8

Module content:

This module will provide the oral hygiene student with a broad basic knowledge on the development, normal macroscopic and microscopic structure and functions of the oral cavity, teeth and related structures. The module content will serve as preknowledge for clinical subjects and oral pathology in the oral hygiene programme.

MDB 370 Oral biology 370

Academic organisation: Oral Pathology and Oral Biology

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 2 lpw 2 dpw

Period of presentation: Year

Language of tuition: English

Credits: 11

Module content:

This module is the study of the development, macroscopic and microscopic structure and function of tissue of the mouth and related structures with emphasis on the application in clinical dentistry. This module also includes the study of relevant molecular biology.

MFP 270 Maxillo-facial pathology 270

Academic organisation: Oral Pathology and Oral Biology

Prerequisite: FLG 170,GMB 170,MDB 170,TBW 170,ODO 170,PDL 170,DFA 170,VKM 170,GAP 170,RAD 170

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 4

Module content:

The module Maxillo-facial pathology, will empower the qualified oral hygienist to: acquire a basic knowledge of the embryology, topographical and functional anatomy of the head and neck region and to integrate this with the radiological and clinical findings; acquire knowledge with regard to the aetiology and pathogenesis of diseases of the head and neck region and to recognise the clinicopathological signs thereof; and appropriately manage such diseases and to evaluate the effectiveness thereof.

MFP 470 Maxillo-facial pathology 470

Academic organisation: Oral Pathology and Oral Biology

Prerequisite: GNK 388,MDB 370,TGG 370,FSG 370,FAR 370,RAD 370,TBW 370,ODO 370,PDL 370,DFA 370

Contact time: 1 lpw 1 ppw 1 dpw 1 other per week

Period of presentation: Year

Language of tuition: English

Credits: 11

Module content:

The modules in this subject will empower the student with knowledge of the embryology, anatomy, physiology and pathology of the oral mucosa, the salivary glands, intra- and extraoral soft tissue and bone in order to diagnose and manage lesions, diseases and conditions of the oral mucosa, salivary glands, intra and extraoral soft tissue and bone.

MFP 570 Maxillo-facial pathology 570

Academic organisation: Oral Pathology and Oral Biology

Prerequisite: TBW 470,ODO 470,MFP 470,PDL 470,DFA 470,OFC 470,PTK 470,GAP 470,TMZ 470

Contact time: 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

Module content:

The modules in this subject will empower the student with knowledge of the embryology, anatomy, physiology and pathology of the oral mucosa, the salivary glands, intra- and extraoral soft tissue and bone in order to diagnose and manage lesions, diseases and conditions of the oral mucosa, salivary glands, intra and extraoral soft tissue and bone.

MGK 571 Oral medicine 571

Academic organisation: Periodontics and Oral Medicine

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 2

MGW 112 People and their environment 112

Academic organisation: Sociology

Contact time: 4 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 6

Module content:

This module comprises basic psychology and sociology concepts relevant to Medicine, and to Dentistry, in the case of BChD students. Basic psychiatric concepts are also taught.

MHI 200 Oral hygiene 200

Academic organisation: Community Dentistry

Prerequisite: MHI 100,ANH 100,FSG 101,MBG 106,THM 100,TPG 100,NHS 100,RON 100

Contact time: 1 lpw 7 ppw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 38

MNX 322 Medical nutrition therapy 322

Academic organisation: Human Nutrition

Prerequisite: FLG 221,FLG 222,BCM 261,BCM 262,VDS 221,HNT 220,AGV 413,BCM 251,BCM 252,DTT 222

Contact time: 3 dpw 4 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 50

Module content:

Nutrition care process. Role of diet and nutrition in the etiology and treatment of undernourishment, obesity, diabetes mellitus, hypoglycaemia, hypertension, hyperlipoproteinaemia and coronary heart disease. Disorders of the renal system. Nutrient-drug interactions. Basic principles of special nutritional care, special feeding methods and products. Appropriate practical assignments and case studies in order to practise the nutrition care process.

MNX 411 Medical nutrition therapy 411

Academic organisation: Human Nutrition

Prerequisite: FLG 312,FLG 314,FAR 381,FAR 382,MRZ 310,NTA 313,RCH 310,DTT 310,VDS 320,VDB 320

Contact time: 3 dpw 6 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 35

Module content:

The role of diet and nutrition in the aetiology and treatment of diseases of the gastrointestinal tract and related organs, metabolic disorders and gout, diseases of neurological origin, prematurity and paediatric disease conditions. Nutritional care of physiological trauma and cancer. Nutrient-drug interactions. Appropriate practical assignments and case studies (practising the nutrition care process).

MNX 480 Internship training in medical nutrition therapy 480

Academic organisation: Human Nutrition

Prerequisite: DTT 310,DTT 320,FAR 381,FAR 382,FLG 312,FLG 314,MNX 322,MRZ 310,NTA 313,RCH 310

Contact time: 5 dpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 50

MPG 200 Oral pathology 200

Academic organisation: Oral Pathology and Oral Biology

Prerequisite: MHI 100,ANH 100,FSG 101,MBG 106,THM 100,TPG 100,NHS 100,RON 100

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 4

MPG 500 Oral pathology 500

Academic organisation: Oral Pathology and Oral Biology

Prerequisite: CHP 401,ANE 400,CHR 401,IGK 401,KGM 400,HTH 400,MPG 400,MDB 410,ORD 400,RON 400

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 8

MPG 702 Oral pathology 702

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

MRZ 310 Ethics and law in health care 310

Academic organisation: Physiotherapy

Prerequisite: FSG 251,FSG 252,FSG 261,FSG 262,ANP 210,GMB 252,GMB 253,FTP 231,FTP 241,POL 251

Contact time: 1 web-based period per week 1 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 6

Module content:

Consult the head: Human nutrition division for the syllabus.

MTS 200 Medical applied psychology 200

Academic organisation: Psychiatry

Prerequisite: RFI 110,RAW 100,RAN 100,FSG 102

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: English

Credits: 9

NAN 211 Neuro-anatomy for communication pathology 211

Academic organisation: Anatomy

Contact time: 1 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 3

Module content:

This module focuses on the theory and practical experience of the structure of the central nervous system, course and distribution of the cranial nerves and embryology of the central nervous system. Division; embryology of the central nervous system; histology of the nervous system; gross anatomy: spinal cord, brain stem, cerebral hemispheres, ventricles, meninges and circulation of cerebro-spinal fluid, blood circulation, cranial nerves, autonomic nervous system and tracts of the CNS.

NFG 221 Neuro-physiology 221

Academic organisation: Physiology

Prerequisite: FSG 110,FSG 120

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 4

Module content:

* Requires FSG 110 and FSG 120

In this module neurophysiology is studied. Sections included are neuronal physiology, the central nervous system, the peripheral nervous system, which includes the afferent as well as the efferent parts.

NHS 100 First aid certificate 100

Academic organisation: Community Dentistry

Contact time: 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 2

NHS 170 First aid 170

Academic organisation: Community Dentistry

Contact time: 4 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 3

NHS 171 First aid 171

Academic organisation: Community Dentistry

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 5

Module content:

The practical-orientated first-aid training will empower the oral hygiene student with a working knowledge of day-to-day emergencies, both in the workplace and at home. At this entry-level training the student will partake in the practical aspects of bleeding and wound management, cardio pulmonary resuscitation, care for unconscious patients and choking to name a few. The module content will assist the oral hygiene student in managing medical emergencies in the dental surgery.

NPE 161 Nursing practice education 161

Academic organisation: Nursing Science

Contact time: 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 24

Module content:

Clinical learning experiences and laboratory work: these modules comprise 240 hours of compulsory clinical practical and laboratory work each (per semester). Students will complete these modules in specified healthcare units.

NB: Only selected BCur students may register for this module.

NPE 162 Nursing practice education 162

Academic organisation: Nursing Science

Contact time: 1 other per week

Period of presentation: Semester 2

Language of tuition: English

Credits: 24

Module content:

Clinical learning experiences and laboratory work: these modules comprise 240 hours of compulsory clinical practical and laboratory work each (per semester). Students will complete these modules in specified healthcare units.

NB: Only selected BCur students may register for this module.

NPE 261 Nursing practice education 261

Academic organisation: Nursing Science

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, FSG 162, NUR 151, NUR 152, NUR 153, NUR 154

Contact time: 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 24

Module content:

Clinical learning experiences and laboratory work: these modules comprise 240 hours of compulsory clinical practical and laboratory work each (per semester). Students will complete these modules in specified healthcare units.

NB: Only selected BCur students may register for this module.

NPE 262 Nursing practice education 262

Academic organisation: Nursing Science

Prerequisite: ANA 151,ANA 152,ANA 161,ANA 162,FSG 161,FSG 162,NUR 151,NUR 152,NUR 153,NUR 154

Contact time: 1 other per week

Period of presentation: Semester 2

Language of tuition: English

Credits: 24

Module content:

Clinical learning experiences and laboratory work: these modules comprise 240 hours of compulsory clinical practical and laboratory work each (per semester). Students will complete these modules in specified healthcare units.

NB: Only selected BCur students may register for this module.

NPE 361 Nursing practice education 361

Academic organisation: Nursing Science

Prerequisite: NUR 251,NUR 252,NUR 253,NUR 254,DNP 251,DNP 252,DNP 253,DNP 254,NPE 261,NPE 262

Contact time: 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 30

Module content:

Note: NPE 361 assessment for semester mark:

General nursing science 60%, midwifery 20% and psychiatry 20%.

Final assessment: General nursing science 30% midwifery 20% psychiatry 20%, community 30%.

Clinical learning experiences and laboratory work: these modules comprise 300 hours of compulsory clinical practical work and laboratory work each (per semester). Students will complete these modules in specified healthcare units.

NB: Only selected BCur students may register for this module.

NPE 362 Nursing practice education 362

Academic organisation: Nursing Science

Prerequisite: NUR 251,NUR 252,NUR 253,NUR 254,DNP 251,DNP 252,DNP 253,DNP 254,NPE 261,NPE 262

Contact time: 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 30

Module content:

NB: NPE 362 semester mark:

General nursing science 20%, midwifery 40%, community/PHC 20%, management 20%.

Final assessment: General nursing science comprehensive assessment 80%.

(Pharmacology, management, general nursing science and PHC) and midwifery OSCE 20%.

Clinical learning experiences and laboratory work: these modules comprise 300 hours of compulsory clinical practical work and laboratory work each (per semester). Students will complete these modules in specified healthcare units.

NB: Only selected BCur students may register for this module.

NPE 461 Nursing practice education 461

Academic organisation: Nursing Science

Prerequisite: NUR 351,NUR 352,NUR 353,NUR 354,DNP 351,DNP 352,DNP 353,DNP 354,NPE 361,NPE 362

Contact time: 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 50

Module content:

Clinical learning experiences and laboratory work: this module comprises 500 hours of compulsory clinical practical and laboratory work each (per semester). Students will complete this module in specified healthcare units.

NB: Only selected BCur students may register for this module.

NPE 462 Nursing practice education 462

Academic organisation: Nursing Science

Prerequisite: NUR 351,NUR 352,NUR 353,NUR 354,DNP 351,DNP 352,DNP 353,DNP 354,NPE 361,NPE 362

Contact time: 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 50

Module content:

Clinical learning experiences and laboratory work: this module comprises 500 hours of compulsory clinical practical work and laboratory work each (per semester). Students will complete this module in specified healthcare units.

NB: Only selected BCur students may register for this module.

NTA 313 Nutritional assessment 313

Academic organisation: Human Nutrition

Prerequisite: FLG 221,FLG 222,BCM 261,BCM 262,VDS 221,HNT 220,AGV 413,GMB 254,DTT 222,VDG 250

Contact time: 1 ppw 4 lpw 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 46

Module content:

Evaluation of nutritional assessment.

Nutrition care process, overview of evaluation of nutritional status. Scientific principles of evaluation of nutritional status; nutritional screening; clinical, biochemical and dietary evaluation of nutritional status.

Practice training: practising of theoretical principles of nutrition status evaluation in hospital/clinic and/or skills laboratory.

NUR 151 Nursing studies 151

Academic organisation: Nursing Science

Contact time: 3 lpw 2 ppw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 12

Module content:

Fundamentals of nursing science

Introduction and concept clarification: nursing, nursing science, health and illness.

Approaches to nursing and perspectives on human beings and their world. The art and science of nursing. Philosophical foundations of nursing. Overview of the history of

nursing. Aspects of professional practice. The scientific approach to nursing. Human needs as the basis for nursing practice. The wellness-illness continuum.

NB: Only selected BCur students may register for this module.

NUR 152 Nursing studies 152

Academic organisation: Nursing Science

Contact time: 3 lpw 2 ppw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 12

Module content:

Human needs and development in health and illness.

Humans as biological, psychological and spiritual beings within socio-economic and cultural contexts. Basic needs: nutrition, comfort and activity, rest and sleep, elimination, hygiene, oxygen, learning, sensory and interpersonal, pain management, safety, homeostasis, growth and development, medication needs, spiritual needs and the need for a dignified death. Self-image, own identity and self-actualisation. Relevant aspects of human nutrition. Human developmental stages and the unique needs associated with each stage.

NB: Only selected BCur students may register for this module.

NUR 153 Nursing studies 153

Academic organisation: Nursing Science

Contact time: 2 ppw 3 lpw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 12

Module content:

Environment, society and communities and its influence on nursing science.

The environment as determinant of health and wellness. Environmental hygiene.

Societal and community phenomena, sectors, stratification and institutions. Marginalised communities in South Africa. The impact of disease on families, communities and society. Community-based health services and the role of the hospital as community institution.

NB: Only selected BCur students may register for this module.

NUR 154 Nursing studies 154

Academic organisation: Nursing Science

Contact time: 3 lpw 2 ppw

Period of presentation: Quarter 4

Language of tuition: English

Credits: 12

Module content:

Provision of health care to communities and the nursing management of minor ailments.

Comprehensive health care and the multidisciplinary team approach. Community involvement and participation in the provision of health services. Community empowerment. Introduction to public health and systems of health care. Care of the elderly. Selected minor ailments of the upper respiratory tract, oral cavity and skin: earache, sore throat, colds and flu, sinusitis, tonsillitis, halitosis and oral and integumentary health.

NB: Only selected BCur students may register for this module.

NUR 251 Nursing studies 251

Academic organisation: Nursing Science

Prerequisite: FSG 161,FSG 162,NPE 161,NPE 162,NUR 151,NUR 152,NUR 153,NUR 154,DNP 151,DNP 152

Contact time: 3 lpw 2 ppw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 11

Module content:

Introduction to medical-surgical and trauma nursing science.

The medical and surgical approach to health care. Acute versus chronic illness. The influence of disease and hospitalisation on the adult health service consumer. Aspects of professional practice. Relevant assessment skills. Aspects of trauma nursing. Applied human nutrition. Intrinsic and extrinsic causes of disease. Cellular stressors, adaptive processes, abnormal cellular growth, cell damage, repair and cell death. Neoplasia and tumor pathology. General disturbances of homeostasis. Introduction to genetics and inheritance of disease. Aspects of medical emergency nursing.

NB: Only selected BCur students may register for this module.

NUR 252 Nursing studies 252

Academic organisation: Nursing Science

Prerequisite: NUR 151,NUR 152,NUR 153,NUR 154,DNP 151,DNP 152,DNP 153,DNP 154,NPE 161,NPE 162

Contact time: 2 ppw 3 lpw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 11

Module content:

Surgical nursing science.

Comprehensive perioperative nursing of patients with common surgical health problems of injuries related to the musculo-skeletal, neurological, gastro-intestinal and respiratory system, the eye and reproductive health. Relevant assessment skills. Soft tissue injuries, surgical wounds and wound care techniques: wounds and wound healing, relevant assessment skills, aseptic wound care procedures (principles and techniques), modern wound care products and evidence-based practice, traumatic wounds (including burn trauma) and chronic wounds. Applied human nutrition. Inflammation, infection and necrosis.

NB: Only selected BCur students may register for this module.

NUR 253 Nursing studies 253

Academic organisation: Nursing Science

Prerequisite: NUR 151,NUR 152,NUR 153,NUR 154,DNP 151,DNP 152,DNP 153,DNP 154,NPE 161,NPE 162

Contact time: 2 lpw 2 ppw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 11

Module content:

Medical nursing science.

Comprehensive medical nursing of patients with common medical health problems related to the respiratory, neurological, digestive, renal, endocrine and cardiovascular system, acute poisoning, cancer and haematological problems (anemia and leukemia) and metabolic disturbances. Disturbances of circulation and oedema formation.

Overview of hypersensitivity reactions and auto-immune disorders. Examples from the clinical practice of nursing. Relevant assessment skills. Applied human nutrition.
NB: Only selected BCur students may register for this module.

NUR 254 Nursing studies 254

Academic organisation: Nursing Science

Prerequisite: NUR 151,NUR 152,NUR 153,NUR 154,DNP 151,DNP 152,DNP 153,DNP 154,NPE 161,NPE 162

Contact time: 2 ppw 2 lpw

Period of presentation: Quarter 4

Language of tuition: English

Credits: 11

Module content:

Principles of child health nursing science.

Unique needs during the childhood years. Common childhood health problems: respiratory, cardiovascular and pain management, diarrhoea, nausea and vomiting, malnutrition and failure to thrive. Applied human nutrition. The effects of hospitalisation on children and their families. Therapeutic play and support of the child and nurse-therapeutic interventions with children. The unique world of the sick child and alternative approaches to illness through play therapy. Aspects of paediatric emergency nursing.

NB: Only selected BCur students may register for this module.

NUR 255 Integrative health care 255

Academic organisation: Nursing Science

Contact time: 3 lpw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 11

Module content:

Principles, perspectives, ethical-legal consideration and legislation relating to integrative health care, traditional healing in Africa, healing modalities related to natural and manual complementary therapies, nutritional and medicinal importance of indigenous plants.

NB: Only selected BCur students may register for this module.

NUR 351 Nursing studies 351

Academic organisation: Nursing Science

Prerequisite: NUR 251,NUR 252,NUR 253,NUR 254,DNP 251,DNP 252,DNP 253,DNP 254,NPE 261,NPE 262

Contact time: 4 lpw 1 ppw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 18

Module content:

Gender health nursing sciences.

Male gender health nursing. Female gender health nursing. Family planning (contraception, infertility and preconception care). Sexual development and sexual needs, gender relationships and gender issues, role identity and role conflict. Sexual deviance and sexual abuse. Violence against women and children.

NB: Only selected BCur students may register for this module.

NUR 352 Nursing studies 352

Academic organisation: Nursing Science

Prerequisite: NUR 251,NUR 252,NUR 253,NUR 254,DNP 251,DNP 252,DNP 253,DNP 254,NPE 261,NPE 262

Contact time: 4 lpw 1 ppw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 18

Module content:

Midwifery science: accompaniment during pregnancy.

Overview of the perinatal period. Embryology and foetal growth and development. The

normal pregnancy, unique needs of the pregnant woman and low-risk antenatal care.

Relevant assessment skills. Applied human nutrition.

NB: Only selected BCur students may register for this module.

NUR 353 Nursing studies 353

Academic organisation: Nursing Science

Prerequisite: NUR 251,NUR 252,NUR 253,NUR 254,DNP 251,DNP 252,DNP 253,DNP 254,NPE 261,NPE 262

Contact time: 4 lpw 1 ppw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 18

Module content:

Midwifery science: accompaniment during normal childbirth and puerperium.

The course of the intrapartum period, related needs and low-risk postnatal care.

Relevant assessment skills. Applied human nutrition.

NB: Only selected BCur students may register for this module.

NUR 354 Nursing studies 354

Academic organisation: Nursing Science

Prerequisite: NUR 251,NUR 252,NUR 253,NUR 254,DNP 251,DNP 252,DNP 253,DNP 254,NPE 261,NPE 262

Contact time: 1 ppw 4 lpw

Period of presentation: Quarter 4

Language of tuition: English

Credits: 18

Module content:

Midwifery science: high-risk pregnancy.

Maternal and perinatal morbidity and mortality and notification. Risk assessment of mother and foetus. Relevant assessment skills. Nursing care related to specific health needs and problems during the antenatal period.

NB: Only selected BCur students may register for this module.

NUR 451 Nursing studies 451

Academic organisation: Nursing Science

Prerequisite: NUR 351,NUR 352,NUR 353,NUR 354,DNP 351,DNP 352,DNP 353,DNP 354,NPE 361,NPE 362

Contact time: 4 lpw 2 ppw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 18

Module content:

Midwifery science: High-risk childbirth.

Abnormal course of the intrapartum period, related needs and management. Foetal monitoring. Rupture of membranes, pre-term and post-term labour. Obstetric injuries

and emergencies. Nurse-therapeutic support during the lived experience of high-risk pregnancy and pregnancy-related complications. Relevant assessment skills.

NB: Only selected BCur students may register for this module.

NUR 452 Nursing studies 452

Academic organisation: Nursing Science

Prerequisite: NUR 351,NUR 352,NUR 353,NUR 354,DNP 351,DNP 352,DNP 353,DNP 354,NPE 361,NPE 362

Contact time: 4 lpw 2 ppw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 18

Module content:

Midwifery science: High-risk puerperium and the high-risk neonate.

High-risk post-natal care. Characteristics and needs of the neonates. Principles of nursing care in respect of healthy and sick or high-risk neonates. Comprehensive nursing of neonates with specific problems. Relevant assessment skills. Applied human nutrition.

NB: Only selected BCur students may register for this module.

NUR 456 Nursing studies 456

Academic organisation: Nursing Science

Prerequisite: NUR 351,NUR 352,NUR 353,NUR 354,DNP 351,DNP 352,DNP 353,DNP 354,NPE 361,NPE 362

Contact time: 4 lpw 2 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

Module content:

Nursing elective.

An approved elective, chosen in consultation with the head of the department.

- Themes from community nursing science and primary health care
- Themes from psychiatric nursing science and therapeutic conversations
- Themes from general medical nursing science
- Themes from general surgical nursing science
- Themes from hospital-based midwifery science

The availability of electives will depend on student interest and the availability of staff and training facilities. Students need to enquire about prospective electives before registering for this module.

Ten (10) credits of the above elective should include content on research-based practice (or a research project), contemporary practice issues, international nursing studies and ethical and legal aspects of health care practice within the chosen elective.

NB: Only selected BCur students may register for this module.

ODO 170 Odontology 170

Academic organisation: Odontology

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 11

Module content:

To enable the newly qualified oral hygienist to be competent in the evaluation of the oral health status of the child, adolescent, adult and geriatric patient in terms of diseases related to the hard tissues of the oral cavity plus the pulpa and perapical tissues, and be able to:

- Correctly diagnose the diseases;
- Correctly diagnose the patient's risk profile;
- Instruct a patient to be capable of exercising self-protective practices;
- Change the behavioural pattern of the patient through motivation;
- Create resistant and optimally maintainable dental hard tissues for oral health;
- Reverse early lesions where possible; and
- Refer patients for restorative and rehabilitative treatment.

ODO 171 Odontology 171

Academic organisation: Odontology

Contact time: 2 ppw 1 other per week 1 spw 1 lpw 1 dpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 12

Module content:

This module will enable the oral hygiene student to be competent in the evaluation of the oral health status of the child, adolescent, adult and geriatric patient in terms of diseases related to the hard tissues of the oral cavity plus the pulpa and peri-apical tissues, and be able to:

- Correctly diagnose the diseases
- Correctly diagnose the patient's risk profile
- Instruct a patient to be capable of exercising self-protective measures
- Change the behavioral pattern of the patient through motivation
- Create resistant and optimally maintainable dental hard tissues for oral health
- Reverse early lesions where possible
- Refer patients for restorative and rehabilitative treatment

ODO 370 Odontology 370

Academic organisation: Odontology

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 1 dpw 2 lpw 2.6 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 42

Module content:

The modules in the subject odontology form an integrated curriculum that is structured and presented by various lecturers from different departments of the school. The modules consist of theoretical, practical and clinical training. The theoretical training includes anatomy, embryology, histology, microbiology and pathology of the teeth and teeth structure, while the clinical training is focused on the preventive, curative, and minor rehabilitative treatment of teeth development and eruption malformations, dental caries, pulpal and peri-radicular pathology, unerupted and impacted teeth, and tooth wear as part of the ageing process.

ODO 470 Odontology 470

Academic organisation: Odontology

Prerequisite: GNK 388,MDB 370,TGG 370,FSG 370,FAR 370,RAD 370,TBW 370,ODO 370,PDL 370,DFA 370

Contact time: 4.67 ppw 1 dpw 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 71

Module content:

The modules in the subject odontology form an integrated curriculum that is structured and presented by various lecturers from different departments of the school. The modules consist of theoretical, practical and clinical training. The theoretical training includes anatomy, embryology, histology, microbiology and pathology of the teeth and teeth structure, while the clinical training is focused on the preventive, curative, and minor rehabilitative treatment of teeth development and eruption malformations, dental caries, pulpal and peri-radicular pathology, unerupted and impacted teeth, and tooth wear as part of the ageing process.

ODO 570 Odontology 570

Academic organisation: Odontology

Prerequisite: TBW 470,ODO 470,MFP 470,PDL 470,DFA 470,OFC 470,PTK 470,GAP 470,TMZ 470

Contact time: 4.67 ppw 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 57

Module content:

The modules in the subject odontology form an integrated curriculum that is structured and presented by various lecturers from different departments of the school. The modules consist of theoretical, practical and clinical training. The theoretical training includes anatomy, embryology, histology, microbiology and pathology of the teeth and teeth structure, while the clinical training is focused on the preventive, curative, and minor rehabilitative treatment of teeth development and eruption malformations, dental caries, pulpal and peri-radicular pathology, unerupted and impacted teeth, and tooth wear as part of the ageing process.

ODO 701 Integrated odontology 701

Academic organisation: Dentistry General

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

OFC 170 Oro-facial surgery 170

Academic organisation: Maxillo-Facial and Oral Surgery

Contact time: 1 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 5

OFC 270 Oro-facial surgery 270

Academic organisation: Maxillo-Facial and Oral Surgery

Prerequisite: FLG 170,GMB 170,MDB 170,TBW 170,ODO 170,PDL 170,DFA 170,VKM 170,GAP 170,RAD 170

Contact time: 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 2

Module content:

The module in Oro-Facial Surgery is designed to provide the oral hygienist with knowledge and skills regarding:

- Local anaesthetics
- Oral surgery procedures
- Traumatology and
- Basic knowledge regarding advanced maxillo-facial surgery.

OFC 370 Oro-facial surgery 370

Academic organisation: Maxillo-Facial and Oral Surgery

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 3 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 12

Module content:

- (a) Surgical anatomy: Applied surgical anatomy.
- (b) Examination, anaesthesia, distress: Examination of a surgical patient, stress control and sedation, local anaesthetics, local anaesthetic techniques, applied pharmacology and prescription (synoptic), emergency procedures.
- (c) Basic oral surgery: Sterilisation and disinfection, oral surgical armamentarium, exodontia and related complications, bleeding problems, antrum.
- (d) Advanced oral surgery: Apaicectomy, impactions, electro and cryosurgery, soft tissue infections and osteomyelitis, pre-prosthetic surgery (review).
- (e) Basic maxillo-facial surgery: Traumatology, surgical pathology, neuralgias, temporomandibular joint derangements.
- (f) Advanced maxillo-facial surgery: Micro surgery (review), orthognathic surgery, facial cleft deformities, cranio-facial surgery (review).

OFC 470 Oro-facial surgery 470

Academic organisation: Maxillo-Facial and Oral Surgery

Prerequisite: GNK 388,MDB 370,TGG 370,FSG 370,FAR 370,RAD 370,TBW 370,PDL 370,ODO 370,DFA 370

Contact time: 2 ppw 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 41

Module content:

- (a) Surgical anatomy: Applied surgical anatomy.
- (b) Examination, anaesthesia, distress: Examination of a surgical patient, stress control and sedation, local anaesthetics, local anaesthetic techniques, applied pharmacology and prescription (synoptic), emergency procedures.
- (c) Basic oral surgery: Sterilisation and disinfection, oral surgical armamentarium, exodontia and related complications, bleeding problems, antrum.
- (d) Advanced oral surgery: Apaicectomy, impactions, electro and cryosurgery, soft tissue infections and osteomyelitis, pre-prosthetic surgery (review).
- (e) Basic maxillo-facial surgery: Traumatology, surgical pathology, neuralgias, temporomandibular joint derangements.
- (f) Advanced maxillo-facial surgery: Micro surgery (review), orthognathic surgery, facial cleft deformities, cranio-facial surgery (review).

OFC 570 Oro-facial surgery 570

Academic organisation: Maxillo-Facial and Oral Surgery

Prerequisite: TBW 470,ODO 470,MFP 470,PDL 470,DFA 470,OFC 470,PTK 470,GAP 470,TMZ 470

Contact time: 2 ppw 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 42

Module content:

- (a) Surgical anatomy: Applied surgical anatomy.
- (b) Examination, anaesthesia, distress: Examination of a surgical patient, stress control and sedation, local anaesthetics, local anaesthetic techniques, applied pharmacology and prescription (synoptic), emergency procedures.
- (c) Basic oral surgery: Sterilisation and disinfection, oral surgical armamentarium, exodontia and related complications, bleeding problems, antrum.
- (d) Advanced oral surgery: Apicectomy, impactions, electro and cryosurgery, soft tissue infections and osteomyelitis, pre-prosthetic surgery (review).
- (e) Basic maxillo-facial surgery: Traumatology, surgical pathology, neuralgias, temporomandibular joint derangements.
- (f) Advanced maxillo-facial surgery: Micro surgery (review), orthognathic surgery, facial cleft deformities, cranio-facial surgery (review).

OFT 470 Oro-facial surgery 470

Academic organisation: Maxillo-Facial and Oral Surgery

Contact time: 1 dpw 1 lpw 2 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 13

ORD 170 Orthodontics 170

Academic organisation: Orthodontics

Contact time: 1 dpw 1 lpw 1 other per week 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

The module in dento-craniofacial anomalies, will empower the newly qualified oral hygienist to recognise and refer limited developmental and structural abnormalities of the growing and mature dento-craniofacial structures.

ORD 171 Orthodontics 171

Academic organisation: Orthodontics

Contact time: 1 ppw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 9

Module content:

This module will empower the oral hygiene student to recognise and refer limited developmental and structural abnormalities of the growing and mature dento-craniofacial structures. It will furthermore provide the student with the knowledge and skills to perform orthodontic procedures pertaining to the scope of oral hygiene. This module will comprise lectures only.

ORD 370 Orthodontics 370

Academic organisation: Orthodontics

Contact time: 1 spw 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 6

Module content:

The modules in this subject extend over the third, fourth and fifth years of study. Lectures, practical and clinical work, seminars and discussions on the following:

- (a) Basic principles and therapeutic measures.
- (b) Occlusion: development and morphology.

- (c) Development and growth: cranium.
- (d) Stainless steel: properties and uses.
- (e) Orthodontic devices: requirements and types.
- (f) Changes in tissue.
- (g) Malocclusion: classification and aetiology.
- (h) Examination, aids, diagnosis and planning.
- (i) Bad habits.
- (j) Preventive and interceptive orthodontics.
- (k) Treatment: principles, problems with space, methods.
- (l) The role of extraction.
- (m) Retention.

ORD 470 Orthodontics 470

Academic organisation: Orthodontics

Contact time: 1 lpw 1 dpw 1 ppw 1 other per week

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 21

Module content:

The modules in this subject extend over the third, fourth and fifth years of study. Lectures, practical and clinical work, seminars and discussions on the following:

- (a) Basic principles and therapeutic measures.
- (b) Occlusion: development and morphology.
- (c) Development and growth: cranium.
- (d) Stainless steel: properties and uses.
- (e) Orthodontic devices: requirements and types.
- (f) Changes in tissue.
- (g) Malocclusion: classification and aetiology.
- (h) Examination, aids, diagnosis and planning.
- (i) Bad habits.
- (j) Preventive and interceptive orthodontics.
- (k) Treatment: principles, problems with space, methods.
- (l) The role of extraction.
- (m) Retention.

ORD 500 Orthodontics 500

Academic organisation: Orthodontics

Prerequisite: CHP 401, ANE 400, CHR 401, IGK 401, KGM 400, HTH 400, MPG 400, MDB 410, ORD 400, RON 400

Contact time: 1 ppw 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

ORD 570 Orthodontics 570

Academic organisation: Orthodontics

Contact time: 1 other per week 1 lpw 1 ppw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 22

Module content:

The modules in this subject extend over the third, fourth and fifth years of study. Lectures, practical and clinical work, seminars and discussions on the following:

- (a) Basic principles and therapeutic measures.
- (b) Occlusion: development and morphology.

- (c) Development and growth: cranium.
- (d) Stainless steel: properties and uses.
- (e) Orthodontic devices: requirements and types.
- (f) Changes in tissue.
- (g) Malocclusion: classification and aetiology.
- (h) Examination, aids, diagnosis and planning.
- (i) Bad habits.
- (j) Preventive and interceptive orthodontics.
- (k) Treatment: principles, problems with space, methods.
- (l) The role of extraction.
- (m) Retention.

ORD 701 Orthodontics 701

Academic organisation: Orthodontics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

PDL 170 Periodontology 170

Academic organisation: Periodontics and Oral Medicine

Contact time: 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 7

Module content:

The oral hygiene student is provided with the knowledge and skills to assess periodontal diseases. The student should recognise, diagnose, refer and identify the risk factors concerning relevant systemic diseases. The oral hygienist should be able to design, coordinate, implement and evaluate an effective, primary, preventive and therapeutic periodontal treatment plan for the patient. The oral hygiene student should participate in the prevention, treatment and maintenance of periodontal health as part of the overall health of their patients and the community.

PDL 171 Periodontology 171

Academic organisation: Periodontics and Oral Medicine

Contact time: 2 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 12

Module content:

This module will provide the oral hygiene student with knowledge of the:

- Macro- and microscopic features of the periodontium
- Function of the periodontium
- Assessment and diagnosis of periodontal diseases
- Determine risk factors of periodontal diseases

PDL 370 Periodontology 370

Academic organisation: Periodontics and Oral Medicine

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 8

Module content:

- (i) The modules in the subject are offered in the third, fourth and fifth years of study.
- (ii) The depth and weighting of the knowledge base and the clinical application and interpretation of the modules will be dependent on the year of study.
- (iii) The goal is to educate and train general dental practitioners who will be able to apply their expertise and knowledge in the prevention and treatment of periodontal diseases in both the public and private sectors within the scope of the dental practitioner. In order to achieve this, the student must know the embryology, normal anatomy, histology and functions of the periodontium. The student must understand the aetiology, pathogenesis, the risk and other factors associated with the various forms of periodontal diseases, and their classification. The student must be able to perform a comprehensive clinical examination and use the information so gained to arrive at a diagnosis and treatment plan. The student must become proficient in applying preventive control methods, to supply oral hygiene methods and applicable instructions to the patient; motivating the patient; scaling and root planing; be able to correctly evaluate the tissue response to these procedures; be able to differentiate clinically between the various forms of periodontal disease and be able to perform clinical procedures associated with the treatment of early and moderate stages of periodontal diseases. The student must understand the treatment possibilities associated with established and advanced periodontal diseases, including regenerative procedures and implant treatment, and when and to whom, such patients should be referred for specialist diagnosis and treatment, should this be necessary.

PDL 470 Periodontology 470

Academic organisation: Periodontics and Oral Medicine

Prerequisite: GNK 388, MDB 370, TGG 370, FSG 370, FAR 370, RAD 370, TBW 370, ODO 370, PDL 370, DFA 370

Contact time: 1 dpw 1 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 8

Module content:

- (i) The modules in the subject are offered in the third, fourth and fifth years of study.
- (ii) The depth and weighting of the knowledge base and the clinical application and interpretation of the modules will be dependent on the year of study.
- (iii) The goal is to educate and train general dental practitioners who will be able to apply their expertise and knowledge in the prevention and treatment of periodontal diseases in both the public and private sectors within the scope of the dental practitioner. In order to achieve this, the student must know the embryology, normal anatomy, histology and functions of the periodontium. The student must understand the aetiology, pathogenesis, the risk and other factors associated with the various forms of periodontal diseases, and their classification. The student must be able to perform a comprehensive clinical examination and use the information so gained to arrive at a diagnosis and treatment plan. The student must become proficient in applying preventive control methods, to supply oral hygiene methods and applicable instructions to the patient; motivating the patient; scaling and root planing; be able to correctly evaluate the tissue response to these procedures; be able to differentiate clinically between the various forms of periodontal disease and be able to perform clinical procedures associated with the treatment of early and moderate stages of periodontal diseases. The student must understand the treatment possibilities

associated with established and advanced periodontal diseases, including regenerative procedures and implant treatment, and when and to whom, such patients should be referred for specialist diagnosis and treatment, should this be necessary.

PDL 570 Periodontology 570

Academic organisation: Periodontics and Oral Medicine

Prerequisite: TBW 470,ODO 470,MFP 470,PDL 470,DFA 470,OFC 470,PTK 470,GAP 470,TMZ 470

Contact time: 1 ppw 3 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

Module content:

- (i) The modules in the subject are offered in the third, fourth and fifth years of study.
- (ii) The depth and weighting of the knowledge base and the clinical application and interpretation of the modules will be dependent on the year of study.
- (iii) The goal is to educate and train general dental practitioners who will be able to apply their expertise and knowledge in the prevention and treatment of periodontal diseases in both the public and private sectors within the scope of the dental practitioner. In order to achieve this, the student must know the embryology, normal anatomy, histology and functions of the periodontium. The student must understand the aetiology, pathogenesis, the risk and other factors associated with the various forms of periodontal diseases, and their classification. The student must be able to perform a comprehensive clinical examination and use the information so gained to arrive at a diagnosis and treatment plan. The student must become proficient in applying preventive control methods, to supply oral hygiene methods and applicable instructions to the patient; motivating the patient; scaling and root planing; be able to correctly evaluate the tissue response to these procedures; be able to differentiate clinically between the various forms of periodontal disease and be able to perform clinical procedures associated with the treatment of early and moderate stages of periodontal diseases. The student must understand the treatment possibilities associated with established and advanced periodontal diseases, including regenerative procedures and implant treatment, and when and to whom, such patients should be referred for specialist diagnosis and treatment, should this be necessary.

PHG 315 Subject-oriented literature 315

Academic organisation: Physiology

Prerequisite: PHG 211,PHG 212,PHG 221,PHG 222

Contact time: 1 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 2

PHG 323 Subject integration 323

Academic organisation: Physiology

Prerequisite: PHG 211,PHG 212,PHG 221,PHG 222,PHG 313,PHG 314

Contact time: 1 ppw 4 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 10

PHG 325 Higher neurological functions 325

Academic organisation: Physiology

Prerequisite: PHG 211,PHG 222,PHG 314

Contact time: 1 ppw 1 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 4

PHG 326 Applied practical 326

Academic organisation: Physiology

Contact time: 2 ppw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 5

PMG 400 Periodontics and oral medicine 400

Academic organisation: Periodontics and Oral Medicine

Prerequisite: ANP 300,GMB 301,FAR 306,MDB 302,TTG 300,HTH 300,KMH 300

Contact time: 2 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

POL 251 Professional development and leadership 251

Academic organisation: Physiotherapy

Prerequisite: PHY 131,CMY 151,FSG 161,FSG 162,SLK 110,FTP 100,ANA 152,SLK 120,ANA 162

Contact time: 1 web-based period per week 1 lpw 2 ppw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 3

Module content:

Ethics in physiotherapy practice. Counselling skills. Group dynamics. Interviews with patients. Health team. Evidence-based practice. Understanding disability. Using the international classification. Preventing sexual harassment. Assessing a patient. Working with an interpreter/translator. Motivation. Training feedback.

POL 300 Professional development and leadership 300

Academic organisation: Physiotherapy

Prerequisite: FSG 251,FSG 252,FSG 261,FSG 262,ANP 210,GMB 252,GMB 253,FTP 231,FTP 241,POL 251

Contact time: 1 ppw 1 lpw 1 web-based period per week 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 13

Module content:

Evidence-based practice, ethics in physiotherapy practice, counselling skills, group dynamics, management of human behaviour, medico-legal documentation. Introduction to marketing, information management, principles of research in physiotherapy, single subject design. Problem-solving in a variety of health and healthcare situations.

POL 400 Professional development and leadership 400

Academic organisation: Physiotherapy

Prerequisite: MRZ 310,RHC 451,RHC 452,FAR 381,FAR 382,FTP 300,FTP 301,POL 300

Contact time: 2 ppw 1 web-based period per week 1 lpw 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 19

Module content:

Theoretical and practical handling of marketing, management models, financial management, presentation of a scientific paper, diversity in the workplace, continuing professional development, quality assurance, management human behaviour, private practice management, labour relations.

Examination period: October/November.

PRD 701 Prosthodontics 701

Academic organisation: Prosthodontics

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

PRN 571 Periodontics 571

Academic organisation: Periodontics and Oral Medicine

Contact time: 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 8

PRN 701 Periodontics 701

Academic organisation: Periodontics and Oral Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

PRS 461 Practice management 461

Academic organisation: Human Nutrition

Prerequisite: FLG 312,FLG 314,FAR 381,FAR 382,MRZ 310,RCH 310,NTA 313,DTT 310,VDS 320,VDB 320

Contact time: 1 lpw

Period of presentation: Quarter 4

Language of tuition: Double medium

Credits: 5

Module content:

Administration and finances (personal and business).

PSB 270 Patient with special needs 270

Academic organisation: Community Dentistry

Prerequisite: FLG 170,GMB 170,MDB 170,TBW 170,ODO 170,PDL 170,DFA 170,VKM 170,GAP 170,RAD 170

Contact time: 1 lpw 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 8

Module content:

To train an oral hygienist in the necessary skills, efficiency and aptitude in an integrated, holistic and comprehensive manner to develop, implement and evaluate a needs-driven primary and basic secondary preventive treatment plan for the patient with special needs. The oral hygienist must also be able to evaluate the patient's general health and bring it into context with the oral health treatment plan by modifying and adapting it to the advantage of the general health of the patient.

PTK 370 Prosthetics 370

Academic organisation: Prosthodontics

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 2 dpw 3 ppw 3 lpw

Period of presentation: Year

Language of tuition: English

Credits: 41

Module content:

Examination and evaluation of the denture patient, principles and taking of impressions, determination of vertical and horizontal jaw relations and facial bow recording. Aesthetics. Fitting and placing of the finished denture. Post treatment. Clinical aspects of manufacturing of complete and partial dentures, obturators and special apparatus.

PTK 470 Prosthetics 470

Academic organisation: Prosthodontics

Prerequisite: GNK 388,MDB 370,TGG 370,FSG 370,FAR 370,RAD 370,TBW 370,ODO 370,PDL 370,DFA 370

Contact time: 1 lpw 2 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 26

Module content:

Examination and evaluation of the denture patient, principles and taking of impressions, determination of vertical and horizontal jaw relations and facial bow recording. Aesthetics. Fitting and placing of the finished denture. Post treatment. Clinical aspects of manufacturing of complete and partial dentures, obturators and special apparatus.

PTK 500 Prosthetics 500

Academic organisation: Prosthodontics

Prerequisite: CHP 401,ANE 400,CHR 401,IGK 401,KGM 400,HTH 400,MPG 400,MDB 410,ORD 400,RON 400

Contact time: 1 lpw 2 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 12

PTK 570 Prosthetics 570

Academic organisation: Prosthodontics

Prerequisite: TBW 470,ODO 470,MFP 470,PDL 470,DFA 470,OFC 470,PTK 470,GAP 470,TMZ 470

Contact time: 1 dpw 1 lpw 2 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 26

Module content:

Examination and evaluation of the denture patient, principles and taking of impressions, determination of vertical and horizontal jaw relations and facial bow recording. Aesthetics. Fitting and placing of the finished denture. Post treatment. Clinical aspects of manufacturing of complete and partial dentures, obturators and special apparatus.

RAD 170 Radiography 170

Academic organisation: Dental Management Sciences

Contact time: 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 6

Module content:

The student must be competent to produce a variety of intra and extra-oral radiographs of good diagnostic quality. He/she must also recognise relevant anatomical landmarks on a radiograph and distinguish between normal and abnormal appearances. He/she must at all times be conscious of possible deleterious effects of radiation on biological systems.

RAD 270 Radiography 270

Academic organisation: Dental Management Sciences

Prerequisite: FLG 170,GMB 170,MDB 170,TBW 170,ODO 170,PDL 170,DFA 170,VKM 170,GAP 170,RAD 170

Contact time: 2 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 13

Module content:

The student must be competent to produce a variety of intra and extra-oral radiographs of good diagnostic quality. He/she must also recognise relevant anatomical landmarks on a radiograph and distinguish between normal and abnormal appearances. He/she must at all times be conscious of possible deleterious effects of radiation on biological systems.

RAD 370 Radiography 370

Academic organisation: Dental Management Sciences

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 2 ppw 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 6

RAN 100 Radiographic anatomy 100

Academic organisation: Anatomy

Contact time: 1 ppw 2 lpw

Period of presentation: Year

Language of tuition: English

Credits: 20

Module content:

General introduction to anatomy: Anatomical terminology, surface and regional anatomy, histology of basic tissues; ossification, healing and repair.

Introduction to osteology.

Regional anatomy I: Thoracic skeleton and thoracic soft tissues; osteology; joints and soft tissues of the extremities; osteology and joints of the vertebral column; abdominal surface anatomy; osteology and soft tissue of the pelvis. Skull I: Cranium and facial bones.

Radiographic anatomy I: Regional radiographic anatomy, with emphasis on the skeletal components.

RAN 280 Radiographic anatomy 280

Academic organisation: Anatomy

Prerequisite: RFI 110,MTL 180,RAN 100,FSG 161,FSG 162,RAW 182,RAW 180

Contact time: 1 dpw 1 other per week 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

Module content:

Systemic anatomy I: Digestive and urogenital systems.

Sensory organs: Skin; eye; ear; nose; tongue.

Skull II: Advanced osteology; base of cranium; openings and sinuses.

Radiographic anatomy II: Systemic anatomy with emphasis on soft tissue components.

RAN 380 Radiographic anatomy 380

Academic organisation: Anatomy

Prerequisite: RFI 210,RFI 211,RAN 280,FSG 251,FSG 252,FSG 262

Contact time: 1 dpw 2 lpw 1 ppw

Period of presentation: Year

Language of tuition: English

Credits: 10

Module content:

Systemic anatomy II: Female reproductive system and breast; Cardiovascular system; Cerebrospinal fluid system. Introduction to neuroanatomy.

Regional cross-sectional anatomy: Cranium, brain; thorax; abdomen; pelvis and limbs.

Radiographic anatomy III: Systemic and cross-sectional anatomy with emphasis on three-dimensional reconstruction.

RAW 180 Radiography 180

Academic organisation: Radiographic Sciences

Contact time: 1 spw 4 dpw 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 50

Module content:

(a) Introduction to radiography. Concepts of ethics, profession and professionalism.

Professional standards in radiography. Communication skills: interpersonal and scientific. Radiation protection concepts and equipment. Principles of infection control. Radiographic procedures and positioning principles. Care of the patient. Pathological condition. Related imaging modalities.

(b) Patients with special problems. Handling of paediatric patients and geriatric patients.

(c) Radiographic examinations: thorax, abdomen, extremities, hip, pelvis, spine and skull. Theoretical and practical instruction is used to integrate basic sciences and clinical radiography. Procedural considerations and positioning techniques. Selection of technique factors. Radiation protection. Pathological conditions and film evaluation. Problem-solving. Execution of radiographic examinations and procedures. Trauma.

RAW 182 Radiographic imaging 182

Academic organisation: Radiographic Sciences

Contact time: 1 lpw 1 spw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Introduction: Discovery of x-rays, processing principles, handling of x-ray equipment. x-beam: production of x-rays, attenuation.

Properties of the radiographic image: visibility and geometric properties.

Image formation: interaction between x-rays and the human body and subject contrast.

Primary exposure factors: mAs, kVp and SID. AEC. Principles of technique charts.

Image recording: darkrooms, cassettes, intensifying screens, efficiency of rare earth intensifying screens and x-ray film construction.

Control of scatter radiation: production of scatter, effect of scattered radiation on the image, beam restriction devices, grids and grid efficiency.

Geometry: focal spot size, SID, OID, x-ray beam/body part/film alignment, influence of distances and other variables on the geometric properties of the image. Introduction to digital radiography.

RAW 201 Radiographic sciences: Diagnostics 201

Academic organisation: Radiographic Sciences

Prerequisite: RFI 110,RAW 100,RAN 100,FSG 102

Contact time: 2 ppw 6 lpw 6 dpw 1 spw 3 other per week

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 44

RAW 202 Radiographic sciences: Radiation therapy 202

Academic organisation: Radiographic Sciences

Prerequisite: RFI 110,RAW 100,RAN 100,FSG 102

Contact time: 6 dpw 2 ppw 3 other per week 6 lpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 44

RAW 203 Radiographic sciences: Nuclear medicine 203

Academic organisation: Radiographic Sciences

Prerequisite: RFI 110,RAW 100,RAN 100,FSG 102

Contact time: 2 ppw 6 dpw 6 lpw 1 spw 3 other per week

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 49

RAW 280 Radiography 280

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182,MTL 180

Contact time: 3 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 54

Module content:

Skeletal system: Procedures and techniques for: positioning, patient care, selection of technique factors, radiation protection, pathological conditions and film evaluation. Problem-solving. Execution of radiographic examinations and procedures. Trauma. Alternative imaging and film principles and procedures. Apparatus. Radiation protection. Radiographic procedures: Execution of radiographic examinations and procedures, selection of technique factors, radiation protection, problem-solving, pathological conditions and film evaluation for neonatal and mobile unit procedures. Orthopaedic theatre procedures. Soft tissue contrast media examinations. Applied nursing sciences. Research principles. Practical implementation: Compilation of a portfolio. Theoretical and practical tuition are used to integrate science and clinical radiography.

RAW 282 Radiographic imaging 282

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182,MTL 180

Contact time: 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 20

Module content:

Film evaluation.

Application of technique factors, compiling of technique charts.

Films, film technology, image formation and sensitometric properties.

Processing, monitoring the processor and processing area.

Darkroom and design, chemicals.

Quality assurance tests.

Digital radiography: image formation and processing.

RAW 284 Radiation therapy and nuclear medicine 284

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182,MTL 180

Contact time: 1 lpw 1 dpw

Period of presentation: Quarter 4

Language of tuition: Double medium

Credits: 10

Module content:

(a) Radiobiology: Cell survival curves and target theories, radiation effects on tissue, tissue and organ radio sensitivity. Radiation pathology, acute and chronic effects, late effects of radiation. Clinical radiobiology: Radiation therapy, tumour radiobiology, fractionation, iso-effect formulae.

(b) Introduction to radiation therapy: Origin and incidence of cancer, diagnoses and staging, treatment and modalities. Treatment methods in radiation therapy. Preparation for external beam irradiation. Dosage. Biological principles of radiation. Effects of radiation on normal tissue.

(c) Introduction to nuclear medicine: Principles of nuclear physics and nuclear medicine, nuclear instrumentation, radio chemical pharmacology. Basic approach to clinical nuclear medicine and relevant techniques.

RAW 301 Radiographic sciences: Diagnostics 301

Academic organisation: Radiographic Sciences

Prerequisite: MTS 200,RFI 210,RFI 211,RBG 210,RAN 280,RAW 201

Contact time: 1 lpw 5 dpw 3 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 22

RAW 302 Radiographic sciences: Radiation therapy 302

Academic organisation: Radiographic Sciences

Prerequisite: MTS 200,RFI 210,RFI 211,RBG 210,RAN 280,RAW 202

Contact time: 2 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 7

RAW 303 Radiographic sciences: Nuclear medicine 303

Academic organisation: Radiographic Sciences

Prerequisite: MTS 200,RFI 210,RFI 211,RBG 210,RAN 280,RAW 203

Contact time: 6 dpw 2 ppw 6 lpw 1 spw 3 other per week

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 43

RAW 380 Radiography 380

Academic organisation: Radiographic Sciences

Prerequisite: FSG 251,FSG 252,FSG 262,GNK 286,RAN 280,RAW 281,RAW 282,RAW 283,RGB 281,RFI 210

Contact time: 4 dpw 1 spw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 52

Module content:

Cardiovascular system: Imaging equipment: laser imager and dry film imager, construction, operation and films. Digital subtraction and image manipulation, viewing, recording and storing of images. Principles and equipment considerations for cardioangiography and angiography. Selective angiography. Intervention techniques (vascular and non-vascular). Venography. Seldinger technique, contrast media, medication, catheters, guide wires and accessories. Quality assurance and quality control. Patient care. Medico-legal aspects. Research. Case presentations. Pattern recognition. Clinical experience and evaluation.

Clinical evaluation of an excretory urogram that was done theoretically in the 2nd year. Mammography: Introduction. Principles of soft tissue radiography. Communication and health promotion. Medico-legal aspects. Management of breast disease, patient care and treatment options. Mammography equipment, radiation safety and technique factors. Image receptors. Processing requirements. Positioning principles and special procedures. Systematic evaluation of the images. Different modalities or equipment to demonstrate the breast. Quality assurance and quality control. Case presentation. Research. Pattern recognition. Clinical experience and evaluation.

Hysterosalpingography: Booking procedures, patient-radiographer relationship, procedural considerations and evaluation criteria. Pattern recognition.

Bone densitometry: Principles, bone biology and remodelling, osteoporosis, core competencies for radiographers, physical principles of dual X-ray absorptiometry and other bone densitometry techniques. Clinical experience.

Ultrasound: General principles. Clinical experience.

Computer Tomography: Imaging principles – conventional and spiral. Factors affecting image quality. Contrast media. Protocol for different examinations. Patient care. Case presentation. Research. Pattern recognition. Clinical experience and evaluation.

Magnetic resonance imaging: Imaging principles and image characteristics. Contrast media. Protocol for the different examinations. Patient care. Clinical experience.

Myelography.

Research project.

Clinical evaluation and film evaluation of examinations that were done theoretically in the first and second year.

RAW 382 Radiography practice 382

Academic organisation: Radiographic Sciences

Contact time: 1 lpw 2 dpw 1 spw

Period of presentation: Year

Language of tuition: Double medium

Credits: 30

Module content:

Ethics. Law as applied to radiography. Health care. Healthcare delivery. Systems. Health policy (national and international).

Planning of health facilities and services.

General management principles as applied to a radiography department. Purchase specifications processors and basic x-ray equipment. Comparison for clinical use.

Accepting criteria.

Radiation safety: Simplifying and standardizing technique. Radiation protection and control (personnel and patients).
Quality assurance: Introduction. Quality patient care and assessment. Reject film analysis and research report.
Quality control tests and corrective action.
Film evaluation.

RBG 210 Radiobiology 210

Academic organisation: Radiographic Sciences

Prerequisite: RFI 110,RAW 100,RAN 100,FSG 102

Contact time: 2 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 4

RBG 282 Radiobiology 282

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 4

RCH 310 Research project: Methodology 310

Academic organisation: Human Nutrition

Prerequisite: FLG 221,FLG 222,BCM 261,BCM 262,VDS 221,AGV 413,VDG 250,HNT 220,DTT 222

Contact time: 1 dpw 2 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 20

Module content:

Research methods and process.

RCH 320 Research project: Execution 320

Academic organisation: Human Nutrition

Prerequisite: BCM 261,BCM 262,FLG 221,FLG 222,HNT 220,AGV 413,VDS 210,VDG 250,VDS 220,DTT 222

Contact time: 1 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 10

Module content:

Literature study, protocol and statistics (1 l + 1 x 2h discussion).

Preparation of protocol and submission for approval (1 x 2h discussion).

RCH 410 Research project 410

Academic organisation: Human Nutrition

Prerequisite: DTT 310,DTT 320,FLG 312,FLG 314,FAR 381,FAR 382,MNX 322,MRZ 310,NTA 313,RCH 310

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 7

Module content:

Execution and reporting.

RCH 480 Research project 480

Academic organisation: Human Nutrition

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 6

RDF 281 Radiochemistry/Radiopharmacology 281

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182,

Contact time: 1 lpw 2 ppw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 3

RDF 282 Radiochemistry/Radiopharmacology 282

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100,RFI 110,FSG 161,FSG 162,RAW 180,RAW 182

Contact time: 1 lpw 2 ppw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 3

RFB 280 Radiation physics and protection 280

Academic organisation: Radiographic Sciences

Contact time: 1 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 2

RFB 311 Radiation physics and protection 311

Academic organisation: Radiographic Sciences

Contact time: 1 dpw 1 lpw

Period of presentation: Quarter 1

Language of tuition: Both Afr and Eng

Credits: 2

RFZ 380 Radiopharmacy and radiopharmacology 380

Academic organisation: Radiographic Sciences

Prerequisite: RFI 210,RFI 211,FSG 251,FSG 262,RGB 281,GNK 286,RDF 281,RDF 282,INX 280,KDE 280

Contact time: 1 lpw

Period of presentation: Quarter 1

Language of tuition: Both Afr and Eng

Credits: 1

RGT 310 Radiographic therapy 310

Academic organisation: Radiographic Sciences

Prerequisite: RKR 200,RSD 201,MFK 200,RBD 200,RAP 200

Contact time: 1 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 2

RHC 480 Research project 480

Academic organisation: Physiotherapy

Contact time: 1 other per week 2 web-based periods per week 3 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 16

Module content:

Research in healthcare sciences. The outcomes of this module is:
Understanding the importance of evidence-based clinical practice.
Understanding the research process and general approaches to research.
Knowledge of the methodologies commonly used in healthcare sciences.
Reading and critiquing published research.
Writing a literature review.
Understanding and respecting research ethics and the criteria for good quality research.

RLE 200 Jurisprudence and ethics 200

Academic organisation: Community Dentistry

Prerequisite: MHI 100, ANH 100, FSG 101, MBG 106, THM 100, TPG 100, NHS 100, RON 100

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 1

RON 100 Introductory röntgenology 100

Academic organisation: Dental Management Sciences

Contact time: 2 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 9

RON 200 Röntgenology 200

Academic organisation: Dental Management Sciences

Prerequisite: MHI 100, ANH 100, FSG 101, MBG 106, THM 100, TPG 100, NHS 100, RON 100

Contact time: 1 dpw 2 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 11

RON 500 Röntgenology and diagnostics 500

Academic organisation: Dental Management Sciences

Prerequisite: CHP 401, ANE 400, CHR 401, IGK 401, KGM 400, HTH 400, MPG 400, MDB 410, ORD 400, RON 400

Contact time: 1 spw 1 dpw 2 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 22

RPD 200 Research and professional development 200

Academic organisation: Occupational Therapy

Prerequisite: ANA 151, ANA 152, ANA 161, ANA 162, FSG 161, AKU 100, ART 100, MTL 180, GNK 286

Contact time: 2 ppw 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 10

Module content:

The study of the research process and the introduction to occupational therapy professional ethics and management.

RPD 380 Research and professional development 380

Academic organisation: Occupational Therapy

Prerequisite: FSG 251, FSG 252, FSG 261, FSG 262, AKU 200, ART 282, ART 284, RPD 200, ART 281, ART 283

Contact time: 4 dpw 5 lpw

Period of presentation: Quarter 3

Language of tuition: Double medium

Credits: 20

Module content:

Development, submission and approval of an occupational therapy related research protocol. Continued study of occupational therapy professional ethics and management. Elective fieldwork to promote professional development.

RPD 481 Research and professional development 481

Academic organisation: Occupational Therapy

Prerequisite: ANP 210, RPD 380, SEP 110/ZUL 110, AKU 303, AKU 381, AKU 382, ART 381, ART 382, EOT 110, EOT 120, CIL 111, CIL 121

Contact time: 0.5 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 15

Module content:

Continued study of the process of research. Includes the implementation of the approved research protocol and the documentation and presentation of the completed research project.

RSD 301 Radiographic diagnostics 301

Academic organisation: Radiographic Sciences

Prerequisite: RKR 200, RSD 201, MFK 200, RBD 200, RAP 200

Contact time: 1 spw 1 dpw 2 lpw 1 other per week

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

RSZ 280 Radiation therapy 280

Academic organisation: Radiographic Sciences

Prerequisite: RAN 100, RFI 110, FSG 161, FSG 162, RAW 180, RAW 182

Contact time: 1 lpw 2 dpw

Period of presentation: Year

Language of tuition: English

Credits: 6

RSZ 380 Radiation therapy 380

Academic organisation: Radiographic Sciences

Prerequisite: RAN 280, RFI 210, RFI 211, FSG 251, FSG 252, FSG 262, RBG 281, GNK 286, RBG 282, RSZ 280

Contact time: 2 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 6

SMO 120 Special study module 120

Academic organisation: Anatomy

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 12

SMO 121 Special study module 121

Academic organisation: Anatomy

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 5

SMO 211 Special study module 211

Academic organisation: Physiology

Prerequisite: CMY 151, FIL 155, MGW 112, MLB 111, PHY 131, MTL 180, GNK 120, BOK 121, GNK 127, GNK 128

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 3

SMO 281 Special study module 281

Academic organisation: Anatomical Pathology

Prerequisite: CMY 151, FIL 155, MGW 112, PHY 131, MTL 180, GNK 120, BOK 121, GNK 127, GNK 128, SMO 121

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 5

SMO 311 Special study module 311

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 5

SMO 380 Special study module 380

Academic organisation: Surgery

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 5

SMO 382 Special study module 382

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 5

SMO 411 Special study module 411

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 2

SMO 511 Special study module 511

Academic organisation: Psychiatry

Period of presentation: Semester 1

Language of tuition: English

Credits: 2

SMO 512 Special study module 512

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 2

SOH 254 Systems in healthcare 254

Academic organisation: Nursing Science

Prerequisite: PHY 131, CMY 151, FSG 161, FSG 162, FTP 100, ANA 152, ANA 162

Contact time: 2 lpw 1 dpw

Period of presentation: Quarter 4

Language of tuition: English

Credits: 10

Module content:

Healthcare sciences and the dimensions of healthcare.

Multidisciplinary and comprehensive healthcare delivery. Systems of healthcare delivery: local, national and international institutions and organisations in the healthcare sector. Local, national and international health policies. Demographical, biostatistical and epidemiological concepts, methods and tendencies in the planning of healthcare facilities and services. Contemporary issues in healthcare delivery and policy.

TBW 170 Comprehensive patient management 170

Academic organisation: Community Dentistry

Contact time: 1 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

Module content:

Acquiring communication skills necessary for a relationship of trust between oral hygienist and patient in order to establish a long-term relationship between the two parties.

Students are furthermore afforded the opportunity to apply business management principles during patient management and are prepared for a meaningful and successful career in an increasingly complex business and healthcare environment.

Application of certain principles and skills in terms of:

Psychology in the dentistry practice

Political parameters in dentistry

Sociology and dentistry

Ethics for the oral hygienist

Career possibilities

Managing a practice.

In addition, students should understand the economic, cultural, legal and regulatory environment in order to develop and optimise patient management

TBW 171 Comprehensive patient management 171

Academic organisation: Dentistry General

Contact time: 1 ppw 1 other per week 1 dpw

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 2

Module content:

The purpose of this module is to:

embed communication skills required during patient management; and

facilitate an understanding of the patient's psycho-social dimensions that may influence health-related behaviour and customer demand.

TBW 270 Comprehensive patient management 270

Academic organisation: Community Dentistry

Prerequisite: FLG 170,GMB 170,MDB 170,TBW 170,ODO 170,PDL 170,DFA 170,VKM 170,GAP 170,RAD 170

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 5

Module content:

Acquiring communication skills necessary for a relationship of trust between oral hygienist and patient in order to establish a long-term relationship between the two parties.

Students are furthermore afforded the opportunity to apply business management principles during patient management and are prepared for a meaningful and successful career in an increasingly complex business and health care environment.

Application of certain principles and skills in terms of:

Psychology in the dentistry practice

Political parameters in dentistry

Sociology and dentistry

Ethics for the oral hygienist

Career possibilities

Managing a practice.

In addition, students should understand the economic, cultural, legal and regulatory environment in order to develop and optimise patient management

TBW 370 Comprehensive patient management 370

Academic organisation: Dental Management Sciences

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 1 ppw 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 10

Module content:

Holistic evaluation of a patient, the clinical hypothetic-deductive reasoning processes, diagnosis, prognosis and treatment planning. Under the guidance of a tutor, and by utilising a special "practice patient" file, the students start treating a "practice patient" comprehensively. The student compiles a portfolio, on a continuous basis, on the clinical and administrative procedures concerning the "practice patient". The portfolio contains the student's year mark, which is determined on a 50:50 basis with the examination mark as the final pass mark. The examination mark is determined when the student presents the practice patient case to an audience and a panel of adjudicators.

Application of business management principles during patient management. Preparing the student for a meaningful and successful career in an increasingly complex business and health care environment. Application of certain principles and skills in terms of:

Psychology in the dentistry practice

Political parameters in dentistry

Sociology and dentistry

Ethics for the dentist

Career possibilities

Management of a practice.

Additional to this, students should understand the economic, cultural, legal and regulatory environment to establish and optimise patient management.

TBW 470 Comprehensive patient management 470

Academic organisation: Dental Management Sciences

Prerequisite: DFA 370,FAR 370,FSG 370,GNK 388,GPS 380,MDB 370,ODO 370,OFC 370,PDL 370,TBW 370

Contact time: 1 dpw 2 other per week 1 ppw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 12

Module content:

Holistic evaluation of a patient, the clinical hypothetic-deductive reasoning processes, diagnosis, prognosis and treatment planning. Under the guidance of a tutor, and by utilising a special "practice patient" file, the students start treating a "practice patient" comprehensively. The student compiles a portfolio, on a continuous basis, on the clinical and administrative procedures concerning the "practice patient". The portfolio contains the student's year mark, which is determined on a 50:50 basis with the examination mark as the final pass mark. The examination mark is determined when the student presents the practice patient case to an audience and a panel of adjudicators.

Application of business management principles during patient management. Preparing the student for a meaningful and successful career in an increasingly complex business and health care environment. Application of certain principles and skills in terms of:

Psychology in the dentistry practice

Political parameters in dentistry

Sociology and dentistry

Ethics for the dentist

Career possibilities

Management of a practice.

Additional to this, students should understand the economic, cultural, legal and regulatory environment to establish and optimise patient management.

TBW 570 Comprehensive patient management 570

Academic organisation: Dental Management Sciences

Prerequisite: DFA 470,GAP 470,MFP 470,ODO 470,OFC 470,PDL 470,TBW 470,PTK 470,TMZ 470

Contact time: 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 14

Module content:

Holistic evaluation of a patient, the clinical hypothetic-deductive reasoning processes, diagnosis, prognosis and treatment planning. Under the guidance of a tutor, and by utilising a special "practice patient" file, the students start treating a "practice patient" comprehensively. The student compiles a portfolio, on a continuous basis, on the clinical and administrative procedures concerning the "practice patient". The portfolio contains the student's year mark, which is determined on a 50:50 basis with the examination mark as the final pass mark. The examination mark is determined when the student presents the practice patient case to an audience and a panel of adjudicators.

Application of business management principles during patient management. Preparing the student for a meaningful and successful career in an increasingly complex business and health care environment. Application of certain principles and skills in terms of:

Psychology in the dentistry practice

Political parameters in dentistry

Sociology and dentistry

Ethics for the dentist

Career possibilities

Managing a practice.

Additional to this, students should understand the economic, cultural, legal and regulatory environment to establish and optimise patient management.

TGG 370 Applied medicine 370

Academic organisation: Family Medicine

Prerequisite: BOK 280,BOK 281,BOK 283,GNK 286,GNK 288,GPS 280,IKT 200,SMO 211,SMO 281

Contact time: 1 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 11

Module content:

The purpose of this module is to enable the dentist to identify medical problems, which may have an effect on the dental treatment or may affect the patient's general health.

The dentist must be able to interpret the patient's medical history, in order to modify the treatment plan accordingly to ensure a safe dental treatment and/or to refer the patient for medical or specialist care.

THM 500 Dental materials 500

Academic organisation: Odontology

Prerequisite: CHP 401,ANE 400,CHR 401,IGK 401,KGM 400,HTH 400,MPG 400,MDB 410,ORD 400,RON 400

Contact time: 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 3

TMZ 470 Applied human systems 470

Academic organisation: Oral Pathology and Oral Biology

Prerequisite: GNK 388,MDB 370,TGG 370,FSG 370,FAR 370,RAD 370,TBW 370,ODO 370,PDL 370,DFA 370

Contact time: 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: English

Credits: 3

VDN 110 Nursing dynamics 110

Academic organisation: Nursing Science

Contact time: 2 lpw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 6

Module content:

Healthcare environment: structure, dynamics and impact on the clinical standards of nursing practice.

National population and health profiles. Epidemiological viewpoints on health. The healthcare environment and the dynamics of healthcare services. Factors influencing contemporary health service delivery. Policies and the rendering of healthcare in South Africa. Selected healthcare practice models (including the characteristics of nursing practice). The basic principles and methodology of nursing research. Applying research to nursing practice.

Leadership principles in nursing practice.

Leadership styles and skills. Directing in the nursing unit. Principles of human resource management and development. The principles of adult teaching and learning in clinical practice. The adult learner and evaluation.

VDN 120 Nursing dynamics 120

Academic organisation: Nursing Science

Prerequisite: VDN 110

Contact time: 1 other per week 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 6

Module content:

Communication and management principles for nursing practice.

Assertiveness and interpersonal communication, team building, and managing cultural diversity and change. Written communications. Management of conflict, crisis intervention and stress management. Facilitation of health, wellness and community development.

Basic first-level management principles in nursing practice. Quality assurance and standards for nursing practice. Principles of financial planning and management. Private nursing practice.

Ethical-legal framework for nursing practice.

Professional tasks and responsibilities of registered nurses and midwives/accoucheurs.

Development of the nursing profession, nursing ethos and fundamental viewpoints.

Principles of professional practice. Conduct, statutory control and professional self-regulation. Human rights, the rights of patients and international perspectives on patient care. Ethics, ethical dilemmas and ethical decision-making in nursing practice.

VGK 201 Nursing science practical work 201

Academic organisation: Nursing Science

Contact time: 1 ppw 1 other per week

Period of presentation: Year

Language of tuition: English

Credits: 7

Module content:

Practical work according to the area of specialisation.

VKM 170 Preventive oral health 170

Academic organisation: Community Dentistry

Contact time: 4 ppw 1 dpw 1 spw 2 opw

Period of presentation: Year

Language of tuition: English

Credits: 25

Module content:

The module is aimed at enabling an oral hygiene student to develop his/her skills, knowledge and attitude in an integrated, holistic and comprehensive way by means of developing, implementing and evaluating a needs-driven primary and basic secondary preventive programme for a patient.

VKM 171 Preventive oral health 171

Academic organisation: Community Dentistry

Contact time: 1 dpw 1 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

Module content:

This module entails lectures and clinical work, pertaining to the scope of oral hygiene, in the pre-clinical ward. It is aimed at enabling an oral hygiene student to develop his/her skills, knowledge and attitude by means of developing, implementing and evaluating a needs-driven primary and basic-secondary preventive programme for a patient.

VKM 270 Preventive oral health 270

Academic organisation: Community Dentistry

Prerequisite: FLG 170,GMB 170,MDB 170,TBW 170,ODO 170,PDL 170,DFA 170,VKM 170,GAP 170,RAD 170

Contact time: 8 ppw

Period of presentation: Year

Language of tuition: English

Credits: 38

Module content:

The module is aimed at enabling an oral hygiene student to develop his/her skills, knowledge and attitude in an integrated, holistic and comprehensive way by means of developing, implementing and evaluating a needs-driven primary and basic-secondary preventive programme for a patient.

VNM 100 Nursing research methodology 100

Academic organisation: Nursing Science

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

Module content:

Basic schooling in the nursing research process.

VOW 110 Nursing education theory 110

Academic organisation: Nursing Science

Contact time: 2 lpw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 6

Module content:

Development of nursing education.

Historical development of nursing education.

Philosophical aspects and the functioning of nursing schools.

Recent developments in nursing education.

Outcomes-based education (OBE).

Curriculum development.

Curriculum building. Correlation between theory and practice. The learning process and active learner development.

VOW 120 Nursing education theory 120

Academic organisation: Nursing Science

Prerequisite: VOW 110

Contact time: 2 lpw 1 other per week

Period of presentation: Semester 2

Language of tuition: English

Credits: 6

Module content:

Facilitation of learning.

Assessment of progress and evaluation.

Nursing process as modality in nursing education.

Allocation of learners in clinical practice and the facilitation of clinical learning. Nursing theories and their application.

VOW 250 Nursing education 250

Academic organisation: Nursing Science

Prerequisite: VOW 110,VOW 120

Contact time: 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

Syllabi: available on request from the head of department.

VOW 260 Nursing education 260

Academic organisation: Nursing Science

Prerequisite: VOW 250

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 5

Module content:

Syllabi: available on request from the head of department.

VOW 300 Nursing education 300

Academic organisation: Nursing Science

Prerequisite: VOW 250,VOW 260

Contact time: 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 5

Module content:

Syllabi: available on request from the head of department.

VPB 110 Nursing management 110

Academic organisation: Nursing Science

Contact time: 2 lpw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 6

Module content:

Systems approach, theories and policies: Application in nursing management. Ethical code and the generic administrative process. Planning and organising on first-level management. Healthcare facilities, financial planning and time utilisation. Problem-solving, change and organisation.

VPB 120 Nursing management 120

Academic organisation: Nursing Science

Prerequisite: VPB 110

Contact time: 1 other per week 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 6

Module content:

Directing on first-level management. Provision and utilisation of personnel. Leadership. Control on first-level management. Inspections and supervision. Patient classification and record keeping.

VPB 160 Nursing management practice 160

Academic organisation: Nursing Science

Prerequisite: VPB 110,VPB 120

Contact time: 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 4

Module content:

*Attendance module only

Nursing management practical work.

Compulsory practical work, including budgeting, statistics, non-nursing duties, job descriptions, memoranda and report writing. Performance appraisal tool.

VPB 250 Nursing management 250

Academic organisation: Nursing Science

Prerequisite: VPB 110,VPB 120

Contact time: 2 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

The responsibilities of the nursing manager with regard to the provision and use of nursing personnel.

VPB 260 Nursing management 260

Academic organisation: Nursing Science

Prerequisite: VPB 250

Contact time: 2 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

The responsibilities of the nursing manager with regard to the retaining of nursing staff and the rendering of a quality nursing service.

VPB 300 Nursing management 300

Academic organisation: Nursing Science

Prerequisite: VPB 250,VPB 260

Contact time: 2 dpw 2 lpw

Period of presentation: Year

Language of tuition: English

Credits: 5

Module content:

The nursing manager on mid-level management as planner, organiser, leader and controller.

VPT 160 Systems of nursing practice 160

Academic organisation: Nursing Science

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 5

Module content:

General systems of clinical nursing practice.

First aid, CPR and primary emergency care. Haemodynamic monitoring, the evaluation of oxygenation status, acid-base and electrolyte balance. Principles of mechanical

ventilation. Basic interpretation skills in radiographic imaging. Electrocardiography: basic principles and application.

(Previous codes: VPT 100, VGK 101)

VPT 260 Systems of nursing practice 260

Academic organisation: Nursing Science

Prerequisite: VPT 160

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

Module content:

Specialised systems of clinical nursing practice.

The systems of nursing practice in one of the following clinical nursing speciality areas: critical care, emergency nursing, advanced midwifery, neonatal nursing, operating theatre nursing or child nursing. Contemporary trends and issues.

VPT 360 Systems of nursing practice 360

Academic organisation: Nursing Science

Prerequisite: VPT 260

Contact time: 2 lpw 2 dpw

Period of presentation: Year

Language of tuition: English

Credits: 5

Module content:

Specialised systems of clinical nursing practice.

The more advanced systems of nursing practice in one of the following clinical nursing speciality areas: critical care, emergency nursing, advanced midwifery, neonatal nursing, operating theatre nursing or child nursing. Contemporary trends and issues.

AAN 802 Occupational therapeutic anatomy 802

Academic organisation: Anatomy

Contact time: 1 dpw 1 spw 1 other per week 4 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 28

Module content:

Applied clinical anatomy of structures and systems as set out in the study guide for postgraduate anatomy courses.

AAN 803 Occupational therapeutic anatomy 803

Academic organisation: Anatomy

Contact time: 1 dpw 1 other per week 4 lpw 1 spw

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

Module content:

Applied clinical anatomy of structures and systems as set out in the study guide for postgraduate anatomy courses.

ACC 861 Advanced child nursing science 861

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ACM 770 Postgraduate days in public health 770

Academic organisation: Community Health

Contact time: 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: English

Credits: 24

ACM 870 Postgraduate seminars in public health 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 lpw 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ACM 871 Individual study in public health 871

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

ACM 872 Individual study in public health 872

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 20

ACM 873 Individual study in public health 873

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 30

ACN 861 Advanced community nursing science 861

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

ACN 862 Advanced community nursing science 862

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

AMN 860 Advanced midwifery and neonatal nursing Science 860

Academic organisation: Nursing Science

Contact time: 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 30

AMS 860 Advanced medical and surgical nursing (Critical care: General) 860

Academic organisation: Nursing Science

Contact time: 1 other per week 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 30

AMS 861 Advanced medical and surgical nursing science 861

Academic organisation: Nursing Science

Contact time: 1 spw 1 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

AMS 862 Advanced medical and surgical nursing science 862

Academic organisation: Nursing Science

Contact time: 1 lpw 1 spw 1 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ANA 700 Anatomy 700

Academic organisation: Anatomy

Contact time: 1 dpw 2 ppw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

Module content:

A complete synopsis of all anatomy modules at postgraduate level is published in the study guide for postgraduate anatomy courses, which is available on request from the Department of Anatomy.

ANA 702 Anatomy 702

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

ANA 711 Developmental biology 711

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

ANA 712 Comparative anatomy 712

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

ANA 713 Neuro-anatomy 713

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

ANA 714 Human cell biology 714

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

ANA 715 Physical anthropology 715

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

ANA 716 Human histology 716

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

ANA 717 Macro-anatomy 717

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

ANA 770 Anatomy 770

Academic organisation: Anatomy

Contact time: 2 lpw 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

ANN 851 Advanced neonatal nursing science 851

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Quarter 1

Language of tuition: English

Credits: 23

ANN 852 Advanced neonatal nursing science 852

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Quarter 2

Language of tuition: English

Credits: 23

ANN 853 Advanced neonatal nursing science 853

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 23

ANN 854 Advanced neonatal nursing science 854

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Quarter 4

Language of tuition: English

Credits: 23

ANN 860 Advanced neonatal nursing science 860

Academic organisation: Nursing Science

Contact time: 1 other per week 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 30

ANN 861 Advanced neonatal nursing science 861

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ANN 862 Advanced neonatal nursing science 862

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ANP 700 Anatomical pathology 700

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

ANP 702 Anatomical pathology 702

Academic organisation: Anatomical Pathology

Contact time: 2 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

ANP 703 Anatomical pathology 703

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 5

ANP 891 Anatomical pathology 891

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 28

Module content:

An indepth knowledge of the pathology of selected conditions.

ANX 861 Advanced nursing management 861

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

ANX 862 Advanced nursing management 862

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

ANZ 861 Advanced nursing education 861

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

ANZ 862 Advanced nursing education 862

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

APC 861 Primary curative nursing science 861

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

APC 862 Primary curative nursing science 862

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

APN 860 Advanced psychiatric nursing science 860

Academic organisation: Nursing Science

Contact time: 1 lpw 1 ppw 1 dpw

Period of presentation: Year

Language of tuition: English

Credits: 40

APN 861 Advanced psychiatric nursing science 861

Academic organisation: Nursing Science

Contact time: 2 dpw 1 other per week 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

APN 862 Advanced psychiatric nursing science 862

Academic organisation: Nursing Science

Contact time: 1 other per week 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

ART 800 Occupational therapy 800

Academic organisation: Occupational Therapy

Contact time: 1 other per week

Period of presentation: Year

Language of tuition: Double medium

Credits: 28

Module content:

*Attendance module only

Participation in discussion classes, ward rounds and clinics.

ATP 800 Theory in occupational therapy practice 800

Academic organisation: Occupational Therapy

Contact time: 8 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 28

Module content:

- (i) Perspectives on activity participation and the study of man as multi-level system.
- (ii) Models for activity choices.
- (iii) Activity evaluation.

BKA 700 Biokinetics 700

Academic organisation: Centre for Sport Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 96

BOS 870 Biostatistics (1) 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

CBR 710 Maxillo-facial radiology and principles of surgery 710

Academic organisation: Dental Management Sciences

Contact time: 1 dpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

CDC 871 Principle: Communicable disease control 871

Academic organisation: School of Health Systems and Public Health

Contact time: 1 dpw 1 spw 1 lpw 1 ppw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

CDC 872 Seminars in tropical health 872

Academic organisation: School of Health Systems and Public Health

Contact time: 1 dpw 1 ppw 1 spw 1 other per week 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

CDC 873 Seminars in tropical health environment 873

Academic organisation: School of Health Systems and Public Health

Contact time: 1 other per week 1 spw 1 dpw 1 ppw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

CDC 874 Seminars in tropical health (Host) 874

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

CDS 870 Clinical tropical medicine 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

CDS 873 Human nutrition and public health 873

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

CHP 700 Chemical pathology 700

Academic organisation: Chemical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 96

CLI 870 Principles of clinical epidemiology 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 3 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

DAG 700 Diagnostics 700

Academic organisation: Dental Management Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

DEG 870 Principles of demography 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 1 spw 1 lpw 1 dpw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

DNP 800 Advanced dynamics of nursing practice 800

Academic organisation: Nursing Science

Contact time: 2 dpw 6 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

DSB 700 Dosage planning 700

Academic organisation: Radiographic Sciences

Contact time: 1 lpw 1 ppw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 30

DST 870 Introduction to disability studies 870

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 5

DST 872 Childhood disability 872

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

EHM 873 Environmental chemical pollution and health 873

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

EOH 870 Introduction to environmental and occupational health 870

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

EOH 871 Introduction to toxicology 871

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

FAR 705 Pharmacology 705

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

FMC 781 Cardiovascular diseases 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

FME 781 Medical ethics 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

FSA 806 Physiotherapeutic anatomy 806

Academic organisation: Anatomy

Contact time: 1 dpw 1 spw 4 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

FSA 807 Physiotherapeutic anatomy 807

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

FSA 808 Physiotherapeutic anatomy 808

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

FSA 809 Physiotherapeutic anatomy 809

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

FSA 870 Physiotherapeutic anatomy 870

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

FSA 871 Physiotherapeutic anatomy 871

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

FSA 875 Physiotherapeutic anatomy 875

Academic organisation: Anatomy

Contact time: 4 lpw 1 dpw 1 spw

Period of presentation: Year

Language of tuition: Double medium

Credits: 16

FSA 876 Physiotherapeutic anatomy 876

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

FSG 710 Research methodology: Physiology 710

Academic organisation: Physiology

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

FSG 712 Cellular physiology 712

Academic organisation: Physiology

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

FSG 720 Applied physiology 720

Academic organisation: Physiology

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 12

FSG 771 Basic physiology 771

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

FSG 773 Research physiology 773

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

FSG 774 Physiology: Practical 774

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

FSG 871 Physiology 871

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

FSG 872 Physiology 872

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 15

FSG 873 Physiology 873

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: English

Credits: 36

FSG 874 Physiology 874

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 15

FSG 875 Physiology 875

Academic organisation: Physiology

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

FSG 877 Physiology 877

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 15

FSG 878 Physiology 878

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 15

FSG 879 Physiology 879

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: English

Credits: 24

FSG 881 Physiology 881

Academic organisation: Physiology

Contact time: 1 dpw 1 lpw 1 spw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 28

Module content:

An indepth knowledge of applicable physiological aspects.

FTB 801 Physiotherapy 801

Academic organisation: Physiotherapy

Contact time: 2 lpw 4 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

FTB 802 Physiotherapy 802

Academic organisation: Physiotherapy

Contact time: 2 lpw 4 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

FTB 803 Physiotherapy 803

Academic organisation: Physiotherapy

Contact time: 4 ppw 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

FTB 804 Physiotherapy 804

Academic organisation: Physiotherapy

Contact time: 2 lpw 4 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

FTB 805 Physiotherapy 805

Academic organisation: Physiotherapy

Contact time: 2 lpw 4 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

FTB 806 Physiotherapy 806

Academic organisation: Physiotherapy

Contact time: 2 lpw 4 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

FTB 807 Physiotherapy 807

Academic organisation: Physiotherapy

Contact time: 1 lpw 4 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

FTB 808 Physiotherapy 808

Academic organisation: Physiotherapy

Contact time: 4 ppw 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 35

GIM 700 Medical immunology 700

Academic organisation: Immunology

Period of presentation: Year

Language of tuition: English

Credits: 96

GKW 700 Medical nuclear science 700

Academic organisation: Nuclear Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 96

GMB 700 Medical microbiology 700

Academic organisation: Medical Microbiology

Contact time: 1 spw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 96

GNF 700 Medical physics: Practical work 700

Academic organisation: Radiation Oncology

Prerequisite: ANA 151,ANA 152,ANA 161,ANA 162,FSG 161,FSG 162,NUR 151,NUR 152,NUR 153,NUR 154

Contact time: 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GNF 701 Medical physics: Nuclear medicine 701

Academic organisation: Radiation Oncology

Contact time: 2 dpw 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GNF 702 Medical physics: Diagnostic radiology 702

Academic organisation: Radiation Oncology

Contact time: 2 dpw 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GNF 703 Medical physics: Radiation physics 703

Academic organisation: Radiation Oncology

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GNF 704 Medical physics: Radiotherapy 704

Academic organisation: Radiation Oncology

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GNF 705 Medical physics: Radiation protection 705

Academic organisation: Radiation Oncology

Contact time: 2 lpw 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GRA 800 Groups in occupational therapy 800

Academic organisation: Occupational Therapy

Contact time: 5 dpw 10 lpw 5 spw 15 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 28

GVR 700 Medical virology 700

Academic organisation: Medical Virology

Period of presentation: Year

Language of tuition: English

Credits: 96

HCM 870 Introduction to health management 870

Academic organisation: School of Health Systems and Public Health

Contact time: 3 dpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCM 872 Health policy and systems 772

Academic organisation: School of Health Systems and Public Health

Contact time: 1 dpw 1 lpw 1 spw 1 ppw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HEM 700 Haematology 700

Academic organisation: Hematology

Period of presentation: Year

Language of tuition: Double medium

Credits: 96

HES 870 Children and health care research 870

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

This module covers the particular history and dynamics of children's participation in health care research. The module will address the special ethical issues and politics associated with health care research on children, with emphasis on the relation with women's rights, children as vulnerable population, 'mental competence', informed assent vs informed consent; minimal risk research; participation in vaccine and drug trials.

HET 870 Public health, ethics and human rights 870

Academic organisation: School of Health Systems and Public Health

Contact time: 3 dpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

This module enables students to understand ethical and human rights reasoning in health interventions and research, and provides competence in ethical review of public health research and interventions. The module covers ethical and human rights approaches and applies them to public health. Students deal with threats to ethics or human rights in public health action, and with some specific areas: resource allocation, gender and research, environmental justice, international collaborative research.

HET 871 Introduction to the philosophy for health care researchers 871

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 15

HET 872 Introduction to bioethics 872

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

This module provides students with the foundations of bioethics in health care and research. Basic bioethical principles will be covered, as well as alternative bioethical frameworks; identification of bioethical dilemmas and skills for resolving these systematically. Major international guidelines and codes will be covered.

HET 873 Evaluation of a research design 873

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

Module content:

This module enables students to evaluate the design adequacy of research design, so that the ethical aspects of the research can be evaluated. Students will learn to evaluate the following aspects of medical, epidemiological, and social health care research designs: elements of sound research design; research design implementation; research capacity and resources.

HET 874 Introduction to human rights: Health researchers 874

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

This module gives students an awareness of human rights implications of health care research, and will provide a basic introduction to human rights, international covenants and other relevant material; it refers specifically to the South African Bill of Rights and to

other relevant African documents in law and human rights, and encourages students to apply these to health care research.

HIN 772 Hospital information systems 772

Academic organisation: Community Health

Contact time: 1 spw 1 other per week 1 dpw 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: English

Credits: 5

HME 873 Monitoring and evaluation 873

Academic organisation: School of Health Systems and Public Health

Contact time: 2 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

HMS 871 Scientific writing 871

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 2

HMS 872 Health data management 872

Academic organisation: School of Health Systems and Public Health

Contact time: 40 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

ICX 871 Integrative case study (2) 871

Academic organisation: School of Health Systems and Public Health

Contact time: 3 dpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

ICX 872 Integrative case study (3) 872

Academic organisation: School of Health Systems and Public Health

Contact time: 3 dpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

INX 700 Instrumentation 700

Academic organisation: Radiographic Sciences

Contact time: 1 dpw 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 30

KDE 700 Nuclear medicine 700

Academic organisation: Radiographic Sciences

Contact time: 1 dpw 1 spw 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 30

KDE 701 Nuclear medicine 701	
Academic organisation: Radiographic Sciences	
Contact time: 1 dpw 2 spw	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 30
KGW 700 Quantitative health sciences 700	
Academic organisation: Community Health	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 24
KOZ 701 Clinical oncology and tumor pathology 701	
Academic organisation: Radiographic Sciences	
Contact time: 1 lpw 2 dpw	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 10
KRT 700 Medical criminalistics 700	
Academic organisation: Forensic Health Sciences	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 96
LMX 700 Laboratory management 700	
Academic organisation: Chemical Pathology	
Contact time: 15 lpw	
Period of presentation: Semester 2	
Language of tuition: Both Afr and Eng	Credits: 12
LRG 700 Aerospace medicine 700	
Academic organisation: Aerospace Medicine	
Contact time: 2 ppw 12 lpw 5 dpw 5 other per week 5 spw	
Period of presentation: Year	
Language of tuition: English	Credits: 96
LRM 771 Laboratory management 771	
Academic organisation: Chemical Pathology	
Contact time: 12 lpw	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 24
MDN 700 Medical oncology 700	
Academic organisation: Medical Oncology	
Contact time: 1 dpw 1 spw 1 lpw	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 96
MFG 777 Human physiology 777	
Academic organisation: Physiology	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 96
Module content:	
[BSchHons with specialisation in Human Physiology]	

- Basic physiology: Self-tuition
- Applied physiology: 22 lectures and self-tuition
- Research techniques: 11 lectures and demonstrations
- Seminars: Two per student: approved topics
- Journal discussions: Two per student
- Research project: Submission of protocol, execution of project under supervision and presentation of results required.
Final results submitted in the form of a mini-dissertation

MGN 700 Human genetics 700

Academic organisation: Human Genetics and Developmental Biology

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng **Credits:** 48

MGN 790 Essay: Human genetics 790

Academic organisation: Human Genetics and Developmental Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng **Credits:** 48

MHP 780 Human resources planning 780

Academic organisation: Community Dentistry

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng **Credits:** 12

MMB 700 Oral microbiology 700

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng **Credits:** 24

MPG 710 Oral pathology 710

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng **Credits:** 12

NFG 700 Neuro-physiology 700

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng **Credits:** 24

NNC 801 Neurology/Neuro-surgery 801

Academic organisation: Neurosurgery

Contact time: 5 ppw 5 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng **Credits:** 24

NVB 700 Research principles 700

Academic organisation: Radiographic Sciences

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng **Credits:** 20

OCM 870 Principles: Occupational medicine 870

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

OCM 871 Clinical skills in occupational health 871

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

OHT 870 Principles: Occupational hygiene and toxicology 870

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

OKG 700 Oncological behavioural sciences 700

Academic organisation: Radiographic Sciences

Contact time: 1 dpw 1 ppw 1 spw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 30

ONK 700 Otorhinolaryngology 700

Academic organisation: Otorhinolaryngology

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

ORT 802 Orthopaedics 802

Academic organisation: Physiotherapy

Contact time: 5 spw 5 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

OVG 700 Comprehensive medicine 700

Academic organisation: Health Sciences Dean's Office

Period of presentation: Year

Language of tuition: English

Credits: 24

PCM 770 Introduction to primary health care 770

Academic organisation: Community Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

PGP 800 Psychopathology 800

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 28

Module content:

An indepth study of the psychopathology diseases applicable to psychiatry.

PHA 770 Assignment in public health 770

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 2

Language of tuition: English

Credits: 30

PHM 870 Learning in public health 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 dpw 1 ppw 1 other per week 1 spw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

Module content:

This is the first (one-week) module at the beginning of the year focusing on learning. At the end of this week, you will have a much better understanding of what you actually want to achieve in public health and what you need to learn to get there. You will probably also have changed your views on learning: from individual surface learning and memorization, to valuing deep learning often in a group context. Finally, you will have achieved the ability to use the ever-increasing knowledge in health, philosophy, and ethics that are generated on the internet to your own best advantage.

PHM 871 Public health examination Part 1 871

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

PHM 872 Public health examination Part 2 872

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

PHT 805 Physiotherapy 805

Academic organisation: Physiotherapy

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

POK 700 Sport science 700

Academic organisation: Centre for Sport Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 96

RAB 720 Radiotherapy: Administrative principles 720

Academic organisation: Radiographic Sciences

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 12

RAD 702 Radiography 702

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RAN 700 Radiographic anatomy 700

Academic organisation: Anatomy

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

RAW 780 Quality assurance 780

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 30

RAW 781 Image interpretation 781

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 25

RAW 782 Computer tomography 782

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 25

RAW 783 Magnetic resonance 783

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 25

RAW 784 Intervention 784

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 25

RAW 785 Mammography and bone densitometry 785

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 30

RAW 786 Ultrasound (Module I) 786

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 25

RAW 787 Ultrasound (Module II) 787

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 25

RAW 788 Ultrasound (Module III) 788

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 25

RBA 700 Reproductive biology: Andrology 700

Academic organisation: Urology

Period of presentation: Year

Language of tuition: English

Credits: 96

RBG 770 Radiobiology 770

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RBI 700 Reproductive biology 700

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 96

RCF 700 Radiochemistry and pharmacology 700

Academic organisation: Nuclear Medicine

Contact time: 1 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 25

RDB 700 Radiotherapy: Dosage treatment planning 700

Academic organisation: Radiographic Sciences

Contact time: 1 lpw 1 ppw 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 40

RDF 700 Radiopharmacology 700

Academic organisation: Radiographic Sciences

Contact time: 1 dpw 1 spw 1 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 50

RGT 700 Radiographic therapy 700

Academic organisation: Radiographic Sciences

Contact time: 1 dpw 1 ppw 1 spw 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RSD 701 Radiographic diagnostics 701

Academic organisation: Radiographic Sciences

Contact time: 1 lpw 2 dpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RSD 702 Radiographic diagnostics 702

Academic organisation: Radiographic Sciences

Contact time: 2 dpw 1 lpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RSD 703 Radiographic diagnostics 703

Academic organisation: Radiographic Sciences

Contact time: 1 dpw 1 lpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RSK 700 Essay: Radiography 700

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 30

RSK 702 Research project 702

Academic organisation: Radiographic Sciences

Period of presentation: Semester 2

Language of tuition: Both Afr and Eng

Credits: 30

RSZ 700 Radiation therapy 700

Academic organisation: Radiographic Sciences

Contact time: 2 dpw 1 lpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 50

RSZ 701 Radiation therapy 701

Academic organisation: Radiographic Sciences

Contact time: 2 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 40

SBI 700 Cell biology 700

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 96

SCC 871 Communication in health 871

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

SFI 700 Radiation physics and instrumentation 700

Academic organisation: Nuclear Medicine

Contact time: 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 20

SFR 700 Radiation physics and radiation protection 700

Academic organisation: Radiographic Sciences

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 20

SGN 801 Sports medicine 801

Academic organisation: Physiotherapy

Contact time: 2 ppw 20 lpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

SOZ 700 Radiation oncology 700

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 96

TCA 710 Applied surgical anatomy 710

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

TIN 700 Dental informatics 700

Academic organisation: Community Dentistry

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

TKD 700 Applied nuclear medicine 700

Academic organisation: Nuclear Medicine

Contact time: 3 ppw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

TKG 710 Theory of nuclear medicine 710

Academic organisation: Nuclear Medicine

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 30

TNM 800 Applied research methods 800

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 2

Language of tuition: English

Credits: 4

Module content:

*Attendance module only

VNM 800 Nursing research methodology 800

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

ACC 860 Advanced child nursing science 860

Academic organisation: Nursing Science

Contact time: 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 30

ACC 862 Advanced child nursing science 862

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ACC 870 Advanced child nursing science 870

Academic organisation: Nursing Science

Contact time: 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 30

ACC 871 Advanced child nursing science 871

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

ACC 872 Advanced child nursing science 872

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

ACN 871 Advanced community nursing science 871

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

ACN 872 Advanced community nursing science 872

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

AEH 800 Anatomy, embryology and histology 800

Academic organisation: Anatomy

Contact time: 5 lpw 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

AEH 801 Anatomy, embryology and histology 801

Academic organisation: Anatomy

Contact time: 1 other per week

Period of presentation: Year

Language of tuition: Double medium

Credits: 6

AHM 870 Reproductive health epidemiology 870

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

AMN 861 Advanced midwifery and neonatal nursing science 861

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

AMN 862 Advanced midwifery and neonatal nursing science 862

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

AMN 870 Advanced midwifery and neonatal nursing science 870

Academic organisation: Nursing Science

Contact time: 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 30

AMN 871 Advanced midwifery and neonatal nursing science 871

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

AMN 872 Advanced midwifery and neonatal nursing science 872

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

AMS 870 Advanced medical and surgical nursing (Critical care: General) 870

Academic organisation: Nursing Science

Contact time: 2 ppw 1 other per week

Period of presentation: Year

Language of tuition: English

Credits: 30

AMS 871 Advanced medical and surgical nursing (Critical care: General) 871

Academic organisation: Nursing Science

Contact time: 1 dpw 1 spw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

AMS 872 Advanced medical and surgical nursing (Critical care: General) 872

Academic organisation: Nursing Science

Contact time: 1 spw 1 lpw 1 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

ANA 800 Anatomy 800

Academic organisation: Anatomy

Contact time: 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

ANA 802 Anatomy 802

Academic organisation: Anatomy

Contact time: 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

ANA 803 Anatomy 803

Academic organisation: Anatomy

Contact time: 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

ANA 804 Anatomy 804

Academic organisation: Anatomy

Contact time: 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

ANA 805 Anatomy 805

Academic organisation: Anatomy

Contact time: 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

ANA 807 Anatomy 807

Academic organisation: Anatomy

Contact time: 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

ANA 808 Anatomy 808

Academic organisation: Anatomy

Contact time: 1 lpw 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

ANA 809 Anatomy 809

Academic organisation: Anatomy
Contact time: 1 dpw 1 lpw
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 871 Anatomy 871

Academic organisation: Anatomy
Contact time: 1 dpw 1 lpw
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 872 Anatomy 872

Academic organisation: Anatomy
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 873 Anatomy 873

Academic organisation: Anatomy
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 874 Anatomy 874

Academic organisation: Anatomy
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 875 Anatomy 875

Academic organisation: Anatomy
Contact time: 1 dpw 1 lpw
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 876 Anatomy 876

Academic organisation: Anatomy
Contact time: 1 lpw 1 dpw
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 877 Anatomy 877

Academic organisation: Anatomy
Contact time: 1 other per week
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 890 Dissertation: Anatomy 890

Academic organisation: Anatomy
Period of presentation: Year
Language of tuition: Both Afr and Eng

Credits: 240

ANA 891 Anatomy 891

Academic organisation: Anatomy
Contact time: 1 lpw 1 dpw
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 893 Anatomy 893

Academic organisation: Anatomy
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 894 Anatomy 894

Academic organisation: Anatomy
Contact time: 1 lpw 1 dpw
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 895 Anatomy 895

Academic organisation: Anatomy
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 896 Anatomy 896

Academic organisation: Anatomy
Contact time: 1 dpw 1 lpw
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 897 Anatomy 897

Academic organisation: Anatomy
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANA 898 Anatomy 898

Academic organisation: Anatomy
Contact time: 1 dpw 1 lpw
Period of presentation: Year
Language of tuition: Double medium

Credits: 36

ANE 801 Anaesthesiology 801

Academic organisation: Anaesthesiology
Contact time: 1 spw
Period of presentation: Year
Language of tuition: Both Afr and Eng

Credits: 300

ANN 870 Advanced neonatal nursing science 870

Academic organisation: Nursing Science
Contact time: 2 ppw 1 other per week
Period of presentation: Year
Language of tuition: English

Credits: 30

ANN 871 Advanced neonatal nursing science 871

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

ANN 872 Advanced neonatal nursing science 872

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

ANP 800 Anatomical pathology 800

Academic organisation: Anatomical Pathology

Contact time: 10 dpw 20 other per week 2 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

ANP 801 Anatomical pathology 801

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 802 Anatomical pathology 802

Academic organisation: Anatomical Pathology

Contact time: 1 other per week 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 803 Anatomical pathology 803

Academic organisation: Anatomical Pathology

Contact time: 1 dpw 1 other per week

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 807 Anatomical pathology 807

Academic organisation: Anatomical Pathology

Contact time: 1 other per week 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 808 Anatomical pathology 808

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 48

ANP 809 Anatomical pathology 809

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 870 Anatomical pathology 870

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 871 Anatomical pathology 871

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 872 Anatomical pathology 872

Academic organisation: Anatomical Pathology

Contact time: 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 874 Anatomical pathology 874

Academic organisation: Anatomical Pathology

Contact time: 2 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 875 Anatomical pathology 875

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 876 Anatomical pathology 876

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 877 Anatomical pathology 877

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 878 Anatomical pathology 878

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 879 Anatomical pathology 879

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ANP 892 Anatomical pathology 892

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

ANX 871 Advanced nursing management 871

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

ANX 872 Advanced nursing management 872

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

ANZ 871 Advanced nursing education 871

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

ANZ 872 Advanced nursing education 872

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

APA 800 General pathology 800

Academic organisation: Anatomical Pathology

Contact time: 2 spw 10 dpw 20 other per week

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

APA 808 General pathology 808

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

APC 871 Primary curative nursing science 871

Academic organisation: Nursing Science

Contact time: 1 lpw 2 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

APC 872 Primary curative nursing science 872

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

APN 870 Advanced psychiatric nursing science 870

Academic organisation: Nursing Science

Period of presentation: Year

Language of tuition: English

Credits: 35

APN 871 Advanced psychiatric nursing science 871

Academic organisation: Nursing Science

Contact time: 1 lpw 1 other per week 2 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

APN 872 Advanced psychiatric nursing science 872

Academic organisation: Nursing Science

Contact time: 2 dpw 1 other per week 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

APY 801 Anatomical pathology 801

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

APY 871 Anatomical pathology (Capita selecta) 871

Academic organisation: Anatomical Pathology

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ART 801 Occupational therapy 801

Academic organisation: Occupational Therapy

Period of presentation: Year

Language of tuition: Double medium

Credits: 100

Module content:

An in-depth study of upper limb biomechanics and ergonomics, evaluation and treatment techniques for hand and upper limb injuries and conditions; advanced clinical management.

ART 802 Occupational therapy 802

Academic organisation: Occupational Therapy

Period of presentation: Year

Language of tuition: Double medium

Credits: 100

Module content:

An indepth study of occupational therapy as applicable to neurological conditions in adults.

ART 803 Occupational therapy 803

Academic organisation: Occupational Therapy

Period of presentation: Year

Language of tuition: Double medium

Credits: 100

Module content:

An indepth study of determining and treatment of children with different diagnoses.

ART 804 Occupational therapy 804

Academic organisation: Occupational Therapy

Period of presentation: Year

Language of tuition: Double medium

Credits: 100

Module content:

An indepth study of occupational therapy as applicable to psychiatric disturbances in adults and/or children.

ART 805 Occupational therapy 805

Academic organisation: Occupational Therapy

Contact time: 4 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 100

Module content:

An indepth study of (i) classification, development of activity participation and its influence on health; (ii) bio-psychosocial perspectives on activity participation.

ART 890 Dissertation: Occupational therapy 890

Academic organisation: Occupational Therapy

Period of presentation: Year

Language of tuition: Double medium

Credits: 200

ART 891 Occupational therapy 891

Academic organisation: Occupational Therapy

Period of presentation: Year

Language of tuition: Double medium

Credits: 38

ASW 800 Administrative theory and healthrelated sociology 800

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 70

ATN 860 Advanced medical and surgical nursing science (Critical care: Trauma and emergency nursing science) 860

Academic organisation: Nursing Science

Contact time: 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 30

ATN 861 Advanced medical and surgical nursing science 861

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ATN 862 Advanced medical and surgical nursing science 862

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ATN 870 Advanced medical and surgical nursing science (Critical care: Trauma and emergency nursing science) 870

Academic organisation: Nursing Science

Contact time: 2 ppw

Period of presentation: Year

Language of tuition: English

Credits: 30

ATN 871 Advanced medical and surgical nursing science (Critical care: Trauma and emergency nursing science) 871

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 40

ATN 872 Advanced medical and surgical nursing science (Critical care: Trauma and emergency nursing science) 872

Academic organisation: Nursing Science

Contact time: 2 dpw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 40

AVN 861 Advanced women's health 861

Academic organisation: Nursing Science

Contact time: 3 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

AVN 862 Advanced women's health 862

Academic organisation: Nursing Science

Contact time: 3 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

AVN 871 Advanced women's health 871

Academic organisation: Nursing Science

Contact time: 3 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

AVN 872 Advanced women's health 872

Academic organisation: Nursing Science

Contact time: 3 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

BOS 770 Principles: Data analysis 770

Academic organisation: Community Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

BOS 871 Biostatistics (2) 871

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

BOS 872 Infections disease models and application to public health 872

Academic organisation: School of Health Systems and Public Health

Contact time: 5 lpw

Period of presentation: Year

Language of tuition: English

Credits: 5

BOS 873 Survival analysis 873

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 3 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

BPB 800 Principles of practice management 800

Academic organisation: Community Dentistry

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

BSN 801 Biostatistics and research methodology 801

Academic organisation: Dentistry General

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

BVC 800 Principles of surgery 800

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

BVC 801 Principles of surgery 801

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

BVC 802 Principles of surgery 802

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

BVC 803 Principles of surgery 803

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

BVC 804 Principles of surgery 804

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

BVC 805 Principles of surgery 805

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

BVC 806 Principles of surgery 806

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 52

BVC 807 Principles of surgery 807

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 52

BVC 810 Principles of surgery 810

Academic organisation: Surgery

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 36

BVC 811 Principles of surgery 811

Academic organisation: Surgery

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 36

BVC 820 Principles of surgery 820

Academic organisation: Surgery

Period of presentation: Semester 2

Language of tuition: Double medium

Credits: 36

BVP 800 Principles of pathology 800

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

CBA 800 Anatomical and surgical principles 800

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

CBR 800 Maxillo-facial radiology and principles of surgery 800

Academic organisation: Dental Management Sciences

Period of presentation: Year

Language of tuition: English

Credits: 24

CDE 870 Principles: Chronic disease epidemiology 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 3 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

CDS 871 Disease outbreak and control 871

Academic organisation: School of Health Systems and Public Health

Contact time: 40 lpw

Period of presentation: Year

Language of tuition: English **Credits:** 10

CDS 872 Economic evaluation of disease control intervention 872

Academic organisation: School of Health Systems and Public Health

Contact time: 40 dpw

Period of presentation: Semester 1

Language of tuition: English **Credits:** 10

CDT 870 Infectious disease epidemiology 870

Academic organisation: School of Health Systems and Public Health

Contact time: 40 lpw

Period of presentation: Year

Language of tuition: English **Credits:** 10

CDX 870 Prevention and control of HIV/Aids 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 3 dpw

Period of presentation: Semester 1

Language of tuition: English **Credits:** 10

CHP 800 Chemical pathology 800

Academic organisation: Chemical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng **Credits:** 300

CHP 801 Chemical pathology 801

Academic organisation: Chemical Pathology

Contact time: 1 spw 1 other per week 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng **Credits:** 36

CHP 802 Chemical pathology 802

Academic organisation: Chemical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng **Credits:** 36

CHP 805 Chemical pathology 805

Academic organisation: Chemical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng **Credits:** 36

CHP 809 Chemical pathology 809

Academic organisation: Chemical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng **Credits:** 1

CHP 871 Chemical pathology (Capita selecta) 871

Academic organisation: Chemical Pathology

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 36

CHP 890 Dissertation: Chemical pathology 890

Academic organisation: Chemical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

CHR 800 Surgery 800

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 300

CHR 801 Surgery 801

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

CHR 802 Surgery 802

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

CHR 805 Paediatric surgery 805

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 350

DEK 800 Dietetics 800

Academic organisation: Human Nutrition

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

DEK 802 Seminar meetings 802

Academic organisation: Human Nutrition

Contact time: 1 spw

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

Module content:

30 hours of scheduled seminar activities. Topics will be evaluated in consultation with the Head: Human Nutrition Division; written evaluation.

DEK 803 Literature studies 803

Academic organisation: Human Nutrition

Period of presentation: Year

Language of tuition: Double medium

Credits: 15

Module content:

Literature studies in human nutrition.

DEK 804 Immunonutrition 804

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 20

DEK 805 Sport nutrition 805

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 20

DEK 806 Nutrition counselling 806

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 20

DEK 807 Diet-related non-communicable lifestyle diseases 807

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 20

DEK 808 Nutrition support 808

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 20

DEK 809 Nutri-genomics 809

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 20

DEK 880 Introduction to research and nutritional epidemiology 880

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 30

DEK 881 Nutritional assessment 881

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 30

DEK 882 Literature study 882

Academic organisation: Human Nutrition

Contact time: 1 dpw 1 spw

Period of presentation: Semester 1

Language of tuition: English

Credits: 20

DEK 883 Micro-nutrient malnutrition 883

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 20

DEK 884 Early childhood nutrition intervention 884

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1 or Semester 2

Language of tuition: English

Credits: 20

DEK 885 Human nutrition 885

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

DEK 886 Diet therapy 886

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

DEK 887 Applied nutrition 887

Academic organisation: Human Nutrition

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

DEK 888 Literature study 888

Academic organisation: Human Nutrition

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

DEK 890 Dissertation: Dietetics 890

Academic organisation: Human Nutrition

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

DEK 895 Essay: Dietetics 895

Academic organisation: Human Nutrition

Period of presentation: Year

Language of tuition: Double medium

Credits: 120

DER 800 Dermatology 800

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 350

DLM 807 Diagnostic laboratory medicine 807

Academic organisation: Chemical Pathology

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 12

DTE 880 Sports dietetics 880

Academic organisation: Human Nutrition

Contact time: 8 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

EBD 800 Epidemiology theory, biostatistics and demography 800

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 70

ECI 801 Critical theoretical analysis in early childhood intervention 801

Academic organisation: Centre for Augmentative and Alternative Communication

Period of presentation: Year

Language of tuition: English

Credits: 90

ECI 860 Child health 860

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 1 dpw 10 spw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 60

ECI 861 Communication pathology 861

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 5 web-based periods per week

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 60

ECI 862 Education psychology 862

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 5 web-based periods per week

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 60

ECI 863 Nursing science 863

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 5 web-based periods per week 10 spw 1 dpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 60

ECI 865 Occupational therapy 865

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 5 web-based periods per week

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 60

ECI 866 Physiotherapy 866

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 10 spw 1 dpw 5 web-based periods per week

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 60

ECI 867 Severe disability 867

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 5 web-based periods per week

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 60

ECI 868 Social work 868

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 1 dpw 10 spw 5 web-based periods per week 2 other per week

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 60

ECI 869 Audiology 869

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 10 spw 5 web-based periods per week 1 dpw 2 other per week

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 60

ECI 872 Collaborative problem solving 872

Academic organisation: Centre for Augmentative and Alternative Communication

Contact time: 5 web-based periods per week 3 spw 1 dpw

Period of presentation: Year

Language of tuition: English

Credits: 20

ECI 873 Measurement in ECI 873

Academic organisation: Centre for Augmentative and Alternative Communication

Period of presentation: Semester 2

Language of tuition: English

Credits: 20

ECI 874 Evaluation and intervention 874

Academic organisation: Centre for Augmentative and Alternative Communication

Period of presentation: Semester 1

Language of tuition: English

Credits: 20

EHM 870 Basis of environmental health 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 dpw 1 lpw 1 other per week 1 ppw 1 spw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

EHM 872 Methods of exposure assessment 872

Academic organisation: School of Health Systems and Public Health

Period of presentation: Quarter 3

Language of tuition: English

Credits: 10

EPI 800 Epidemiology 800

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

Module content:

The following epidemiology modules are compulsory:

Introduction to health measuring and informatics

Basic epidemiology and biostatistics

Analytical epidemiology

Taking of surveys

Introduction to health informatics

Basic quality assurance

Intermediary biostatistics

Introduction to health system research

Research ethics

Obtaining research awards

Scientific writing and reporting

Introduction to quantitative research

Community participation in research

Experimental epidemiology: clinical experiments

EPI 890 Dissertation: Epidemiology 890

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

EPM 870 Analytical epidemiology 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 3 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

EPM 871 Epidemiological study design 871

Academic organisation: School of Health Systems and Public Health

Contact time: 3 dpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

EPM 873 Conducting surveys 873

Academic organisation: School of Health Systems and Public Health

Contact time: 12 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

EPM 874 Disease surveillance 874

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 3 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

FAR 802 Pharmacology 802

Academic organisation: Pharmacology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

FAR 803 Pharmacology 803

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

FAR 804 Pharmacology 804

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

FAR 805 Pharmacology 805

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

FAR 806 Pharmacology 806

Academic organisation: Pharmacology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

Module content:

*Attendance module only

FAR 809 Pharmacology 809

Academic organisation: Pharmacology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

FAR 870 Pharmacology 870

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

FAR 871 Pharmacology 871

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 35

FAR 872 Pharmacology: Introduction to laboratory research and techniques 872

Academic organisation: Pharmacology

Contact time: 4 lpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

Module content:

Content of syllabus is available on request from the head of department.

FAR 873 Applied pharmacology 873

Academic organisation: Pharmacology

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 5

FAR 880 Pharmacology 800

Academic organisation: Pharmacology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

FAR 890 Dissertation: Pharmacology 890

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 240

FEG 881 Core concepts in philosophy and mental health 881

Academic organisation: Psychiatry

Contact time: 2 other per week 1 web-based period per week 2 spw 2 lpw

Period of presentation: Semester 1 and Semester 2

Language of tuition: Double medium

Credits: 10

FEG 882 Philosophy of science and mental health 882

Academic organisation: Psychiatry

Contact time: 2 other per week 1 web-based period per week 2 lpw 2 spw

Period of presentation: Semester 1 and Semester 2

Language of tuition: Double medium

Credits: 10

FEG 883 Philosophy of mind and mental health 883

Academic organisation: Psychiatry

Contact time: 2 lpw 1 web-based period per week 2 spw 2 other per week

Period of presentation: Semester 1 and Semester 2

Language of tuition: Double medium

Credits: 10

FEG 884 Ethics, values and mental health 884

Academic organisation: Psychiatry

Contact time: 2 lpw 1 web-based period per week 2 other per week 2 spw

Period of presentation: Semester 1 and Semester 2

Language of tuition: Double medium

Credits: 10

FEG 890 Dissertation: Philosophy and ethics of mental health 890	
Academic organisation: Psychiatry	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 140
FFD 801 Pharmacokinetics and pharmacodynamics 801	
Academic organisation: Pharmacology	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 30
FFD 802 Pharmacokinetics and pharmacodynamics 802	
Academic organisation: Pharmacology	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 30
FFD 803 Pharmacokinetics and pharmacodynamics 803	
Academic organisation: Pharmacology	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 30
FSA 872 Physiotherapeutic anatomy 872	
Academic organisation: Anatomy	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 24
FSA 873 Physiotherapeutic anatomy 873	
Academic organisation: Anatomy	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 24
FSG 801 Physiology 801	
Academic organisation: Physiology	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 36
FSG 806 Physiology 806	
Academic organisation: Physiology	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 36
FSG 808 Physiology 808	
Academic organisation: Physiology	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 36
FSG 809 Physiology 809	
Academic organisation: Physiology	
Contact time: 2 lpw	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 36

FSG 876 Physiology 876

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

FSG 880 Sports physiology 880

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

FTA 801 Applied electro-biomechanics 801

Academic organisation: Physiotherapy

Contact time: 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

FTA 802 Applied electro-biomechanics 802

Academic organisation: Physiotherapy

Contact time: 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

FTA 803 Applied electro-biomechanics 803

Academic organisation: Physiotherapy

Contact time: 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

FTA 804 Applied electro-biomechanics 804

Academic organisation: Physiotherapy

Contact time: 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

FTA 805 Applied electro-biomechanics 805

Academic organisation: Physiotherapy

Contact time: 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

FTA 806 Applied electro-biomechanics 806

Academic organisation: Physiotherapy

Contact time: 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

FTA 807 Applied electro-biomechanics 807

Academic organisation: Physiotherapy

Contact time: 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

FTA 808 Applied electro-biomechanics 808

Academic organisation: Physiotherapy

Contact time: 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

FTK 801 Clinical physiotherapy 801

Academic organisation: Physiotherapy

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 160

FTK 802 Clinical physiotherapy 802

Academic organisation: Physiotherapy

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 160

FTK 803 Clinical physiotherapy 803

Academic organisation: Physiotherapy

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 160

FTK 804 Clinical physiotherapy 804

Academic organisation: Physiotherapy

Contact time: 1 lpw 6 dpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 160

FTK 805 Clinical physiotherapy 805

Academic organisation: Physiotherapy

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 160

FTK 806 Clinical physiotherapy 806

Academic organisation: Physiotherapy

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 160

FTK 807 Clinical physiotherapy 807

Academic organisation: Physiotherapy

Contact time: 1 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 160

FTK 808 Clinical physiotherapy 808

Academic organisation: Physiotherapy

Contact time: 1 lpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 160

FTP 873 Physiotherapy: Sports medicine 873

Academic organisation: Physiotherapy

Contact time: 2 spw 10 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

FTP 890 Dissertation: Physiotherapy 890

Academic organisation: Physiotherapy

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

FTP 891 Essay: Physiotherapy 891

Academic organisation: Physiotherapy

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

FTP 893 Research project 893

Academic organisation: Physiotherapy

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

FTX 801 Professional physiotherapy practice 801

Academic organisation: Physiotherapy

Contact time: 1 web-based period per week 5 dpw 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

FTX 802 Professional physiotherapy practice 802

Academic organisation: Physiotherapy

Contact time: 6 lpw 5 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

FTX 803 Professional physiotherapy practice 803

Academic organisation: Physiotherapy

Contact time: 5 dpw 6 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

FTX 804 Professional physiotherapy practice 804

Academic organisation: Physiotherapy

Contact time: 5 dpw 1 web-based period per week 2 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

FTX 805 Professional physiotherapy practice 805

Academic organisation: Physiotherapy

Contact time: 6 lpw 5 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

FTX 806 Professional physiotherapy practice 806

Academic organisation: Physiotherapy

Contact time: 5 dpw 6 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

FTX 807 Professional physiotherapy practice 807

Academic organisation: Physiotherapy

Contact time: 5 dpw 6 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

FTX 808 Professional physiotherapy practice 808

Academic organisation: Physiotherapy

Contact time: 6 lpw 5 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 16

GER 800 Geriatrics 800

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

GGK 800 Forensic medicine 800

Academic organisation: Forensic Health Sciences

Contact time: 1 spw 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

GGS 800 Community health 800

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 70

GGS 801 Community health 801

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GGS 890 Dissertation: Community health 890

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 200

GIM 800 Examination: Medical immunology 800

Academic organisation: Immunology

Period of presentation: Year

Language of tuition: English

Credits: 1

GIM 890 Dissertation: Medical immunology 800

Academic organisation: Immunology

Period of presentation: Year

Language of tuition: English

Credits: 240

GKW 800 Medical nuclear science 800

Academic organisation: Nuclear Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

GKW 890 Dissertation: Medical nuclear science 890

Academic organisation: Nuclear Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

GMB 800 Medical microbiology 800

Academic organisation: Medical Microbiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

GMB 801 Medical microbiology 801

Academic organisation: Medical Microbiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

GMB 805 Medical microbiology 805

Academic organisation: Medical Microbiology

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 1

GMB 871 Medical microbiology (Capita selecta) 871

Academic organisation: Medical Microbiology

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 36

GMB 890 Dissertation: Medical microbiology 890

Academic organisation: Medical Microbiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

GMP 800 Health human resource planning 800

Academic organisation: Community Dentistry

Period of presentation: Year

Language of tuition: English

Credits: 24

GNF 800 Medical physics 800

Academic organisation: Radiation Oncology

Contact time: 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

GNF 890 Dissertation: Medical physics 890

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

GTH 770 Community dentistry 770

Academic organisation: Community Dentistry

Contact time: 1 dpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GTH 800 Community dentistry 800

Academic organisation: Community Dentistry

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GTH 890 Dissertation: Community dentistry 890

Academic organisation: Community Dentistry

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GVR 800 Medical virology 800

Academic organisation: Medical Virology

Period of presentation: Year

Language of tuition: English

Credits: 300

GVR 801 Medical virology 801

Academic organisation: Medical Virology

Period of presentation: Year

Language of tuition: English

Credits: 36

GVR 805 Medical virology 805

Academic organisation: Medical Virology

Period of presentation: Year

Language of tuition: English

Credits: 1

GVR 871 Medical virology (Capita selecta) 871

Academic organisation: Medical Virology

Period of presentation: Semester 1

Language of tuition: English

Credits: 36

GVR 890 Dissertation: Medical virology 890

Academic organisation: Medical Virology

Period of presentation: Year

Language of tuition: English

Credits: 240

HAK 800 Family medicine 800

Academic organisation: Family Medicine

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

HAK 801 Family medicine 801

Academic organisation: Family Medicine

Contact time: 3 lpw 1 ppw 5 spw 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

HAK 802 Family medicine 802

Academic organisation: Family Medicine

Contact time: 2 dpw 1 ppw 5 spw 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

HAK 803 Family medicine 803

Academic organisation: Family Medicine

Contact time: 1 ppw 2 dpw 5 spw 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

HAK 804 Family medicine 804

Academic organisation: Family Medicine

Contact time: 2 dpw 1 ppw 5 spw 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

HAK 891 Essay 891

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

HCE 870 Introduction to health economics 870

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCM 873 Managing occupational health services 873

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

HCM 874 South African health system 874

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

HCS 872 Health emergencies in large populations 872

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 12 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

HCS 873 Contract management and decision making 873

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCS 875 Laboratory skills in public health 875

Academic organisation: School of Health Systems and Public Health

Contact time: 40 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HEM 800 Haematology 800

Academic organisation: Hematology

Period of presentation: Year

Language of tuition: Double medium

Credits: 300

HEM 801 Haematology 801

Academic organisation: Hematology

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

HEM 809 Haematology 809

Academic organisation: Hematology

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

HEM 871 Haematology (Capita selecta) 871

Academic organisation: Hematology

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 36

HEM 890 Dissertation: Haematology 890

Academic organisation: Hematology

Period of presentation: Year

Language of tuition: Double medium

Credits: 240

HEP 870 Critical issues in informed consent 870

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 2

Language of tuition: English

Credits: 10

HEP 871 Culture, morality and comparative ethics in health care research 871

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

This module will sensitise students to models of morality and ethics that are common in African settings and which differ from Western ethical approaches. Such approaches are often communal and contextual. Students will cover issues in cultural relativity and absolutism, and become aware of power differentials which impact on ethical health research work in the context of such culturally based moral diversity.

HEP 872 Professional ethics in health care research 872

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

The module covers the interface between professional regulations, professional ethics, and research ethics, which is particularly important in international research and settings with poor regulatory infrastructure. Students will identify issues in health research that require the maintenance of high professional ethical standards and research integrity in the absence of clear regulatory or ethical guidelines.

HEP 873 Behaviour and research 873

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

This module aims to help learners identify the central role of behaviour in health research. Two particular aspects are given attention: the centrality of behavioural issues in ethical health research, as well as ethical issues in behavioural research. These are presented as complementary facets of ethical issues in health research. Case studies are used to examine the relation between behaviour and ethics in research.

HEP 874 Ethical issues in community-based research 874

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

This module addresses ethical issues of community entry and participation in health research, particularly in developing countries. Complex ethical issues arise at the interface between researchers and community. Students will identify multiple responsibilities that arise, and identify the shortcomings of traditional professional and research ethics principles in such settings. Students will resolve ethical dilemmas in community participation through critical reflection and interaction.

HEP 875 Ethical issues in HIV/Aids vaccine trials 875

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

This module exposes students to the complexities and controversies associated with ethical issues in HIV/Aids vaccine trials in developing countries, and covers relevant international and local ethical guidelines. Students will apply ethical thinking to particular circumstances in HIV vaccine research.

HEP 876 Ethical issues in women's health care research 876

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

This module covers the particular history and dynamics of women's participation in health research. The module will address the special ethical issues and politics associated with women's health research, with an emphasis on women in vulnerable populations; informed consent; women through the life cycle; power inequalities; and cultural issues and gender.

HEP 877 Religion and ethics in health care research 877

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

This module sensitises students to different value systems informed by religion, and the implications of these for health research. It will examine the similarities and differences of some of the world's major and minor religions, and explore the ethical dimensions of such comparisons. Students will be taught to recognise such dimensions in health research contexts and to identify the problematic issue of moral relativism. Africa's major religions, Christianity, Islam and indigenous religions are discussed.

HEP 878 Health care research 878

Academic organisation: School of Health Systems and Public Health

Contact time: 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

Informed consent and research in vulnerable groups.

HET 875 Introduction to health law and health research 875

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HET 876 Ethical review: Health care research 876

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

Institutionalising ethical review of health care research.

This module focuses on implementing institutional ethics review of research. It covers all aspects of ethics review committees: functioning; requirements and existing guidelines; different models; relationships with host institutions; the role of GCP guidelines; and facilitating and maintaining institutional change. Role-plays and participation in actual ethics review committees will enhance the practical nature of this module.

HET 877 Ethical issues in international collaborative health care research 877

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

Module content:

Ethical issues in international health care research and concerns about exploitation of vulnerable populations are becoming increasingly prominent. This module identifies risks and concerns, discusses globalisation of health care research, and reviews national and international mechanisms to deal with these, particularly in the context of Africa and research in rural areas. Case studies and group discussions will be used.

HET 878 Ethics committee participation: Practical 878

Academic organisation: School of Health Systems and Public Health

Period of presentation: Year

Language of tuition: English

Credits: 20

Module content:

This module will provide students with vital practical experience in attending research ethics committee meetings in a variety of settings. Trainees will be asked to contribute to ethics review of actual research protocols, and trainees will have to integrate and apply the theories and skills acquired in other modules of this course. Assignments encouraging critical reflection will be set.

HET 879 Bioethics and health care research ethics 879

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 15

Module content:

Visit to Kennedy Institute of Ethics and Johns Hopkins University: School of Public Health, USA for self funded students in Health Research Ethics.

This 4-week module includes the following activities:

Intensive short course in international research ethics (1 week): Taught by Drs. Nancy Kass and Andrea Ruff for international researchers and includes lectures on ethics principles, informed consent, justice, future obligations, ethics and study design, and vaccines.

Intensive Bioethics Course, Kennedy Institute of Ethics, Georgetown University (1 week): Targeted at health professionals of varied backgrounds. While it does not focus primarily on research ethics, this is one of the best intensive

introductions to bioethics in the world.

Informal interactions and special seminar with Johns Hopkins-Fogarty Bioethics fellows: The Bioethics Institute has a Fogarty award to train African professionals in bioethics and research ethics. These fellows are in residence in Baltimore from January to July so that SARETI trainees arrive in time for the last month of their residence. It will be an ideal time for the groups to network and to share experiences and practicum goals. Trainees from both programs will each give a half hour presentation.

One-day visit to the Office of Human Research Protections (OHRP): Trainees will hear about the new international assurances and have an opportunity to ask questions about how the U.S. system works, how the federal government oversees local IRBs, etc.

Special bioethics seminars at the Johns Hopkins Bioethics Institute: Two special seminars for trainees with Bioethics Institute faculty in which faculty staff present on their current or past work, on any number of possible topics.

The purpose of these seminars is to introduce SARETI trainees to topics in bioethics that they may be less familiar with, and to allow time for discussion with additional scholars in the field. SARETI (NIH) funding for this module is only available for the three fully funded master's degree trainees. Anyone else interested in taking this module will have to carry the costs over and above normal tuition fees.

HIN 873 Medical informatics 873

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

HME 870 Introduction to health measurement 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 other per week 1 ppw 1 spw 1 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HME 872 Primary epidemiology 872

Academic organisation: Community Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

HTH 800 Restorative dentistry (Capita selecta) 800

Academic organisation: Odontology

Contact time: 1 dpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

HTH 890 Dissertation: Restorative dentistry 890

Academic organisation: Odontology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

ICX 874 Integrative case study (5) 874

Academic organisation: School of Health Systems and Public Health

Contact time: 40 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

ICX 875 Integrative case study (6) 875

Academic organisation: School of Health Systems and Public Health

Contact time: 40 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

IGK 800 Internal medicine 800

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

IGK 804 Internal medicine 804

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

IGK 805 Internal medicine 805

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

KDE 800 Nuclear medicine 800

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

KDE 801 Nuclear medicine 801

Academic organisation: Nuclear Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

KDE 802 Nuclear physics 802

Academic organisation: Nuclear Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

KDE 890 Dissertation: Nuclear medicine 890

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

KEM 800 Clinical epidemiology 800

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

Module content:

Students will be required to satisfactorily complete an individualised series of modules, compiled in conjunction with consultants in the department. The list of available modules will differ from year to year, depending upon the demand for the modules in question. The list of available modules will also be reviewed from time to time, in accordance with the changes in the field of public health. A list of the modules offered at present is obtainable from the departmental secretary. (Tel 012 339 8608 or 339 8618)

KEM 890 Dissertation: Clinical epidemiology 890

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

KGE 800 Paediatrics 800

Academic organisation: Paediatrics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

KGE 802 Paediatrics 802

Academic organisation: Paediatrics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

KGM 800 Maxillo-facial and oral surgery 800

Academic organisation: Maxillo-Facial and Oral Surgery

Contact time: 1 dpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

KGM 802 Maxillo-facial and oral surgery 802

Academic organisation: Maxillo-Facial and Oral Surgery

Contact time: 1 dpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 700

KGM 803 Maxillo-facial and oral surgery 803

Academic organisation: Maxillo-Facial and Oral Surgery

Contact time: 1 dpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

KGM 890 Dissertation: Maxillo-facial and oral surgery 890

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

KGM 891 Clinical training 891

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 120

KGM 895 Essay: Maxillo-facial and oral surgery 895

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

KGR 801 Maxillo-facial rontgenology 801

Academic organisation: Dental Management Sciences

Period of presentation: Year

Language of tuition: English

Credits: 24

KGW 800 Quantitative health sciences 800

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

KGW 890 Dissertation: Quantitative health legislation 890

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

KRT 800 Medical criminalistics 800

Academic organisation: Forensic Health Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

KRT 890 Dissertation: Medical criminalistics 890

Academic organisation: Forensic Health Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

LRG 800 Aerospace medicine 800

Academic organisation: Aerospace Medicine

Period of presentation: Year

Language of tuition: English

Credits: 1

LRG 890 Dissertation: Aerospace medicine 890

Academic organisation: Aerospace Medicine

Period of presentation: Year

Language of tuition: English

Credits: 240

MBG 800 Microbiology 800

Academic organisation: Medical Microbiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

MBG 802 Microbiology 802

Academic organisation: Medical Microbiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MCH 800 Oral surgery 800

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 120

MCH 890 Dissertation: Oral surgery 890

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MCH 895 Essay: Oral surgery 895

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MDB 800 Oral biology 800

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MDB 801 Oral biology 801

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MDN 800 Medical oncology 800

Academic organisation: Medical Oncology

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

MDN 801 Medical oncology 801

Academic organisation: Medical Oncology

Contact time: 1 lpw 1 spw

Period of presentation: Year

Language of tuition: Double medium

Credits: 300

MDN 890 Dissertation: Medical oncology 890

Academic organisation: Medical Oncology

Period of presentation: Year

Language of tuition: Double medium

Credits: 240

MFG 807 Human physiology 807

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

MFG 890 Dissertation: Human physiology 890

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

MFM 801 Medical pharmacology 801

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 30

MFM 802 Medical pharmacology 802

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 30

MFM 803 Medical pharmacology 803

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 30

MGN 800 Human genetics 800

Academic organisation: Human Genetics and Developmental Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

MGN 802 Human genetics 802

Academic organisation: Human Genetics and Developmental Biology

Contact time: 14 lpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 24

MGN 890 Dissertation: Human genetics 890

Academic organisation: Human Genetics and Developmental Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

MIG 800 Military medicine: Internal medicine 800

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

MMS 800 Essay: MMed 800

Academic organisation: Health Sciences Dean's Office

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

MPB 890 Dissertation: Oral pathology and oral biology 890

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPG 800 Oral pathology 800

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPG 801 Oral pathology 801

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPG 802 Oral pathology 802

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 500

MPG 803 Oral pathology 803

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPG 804 Oral pathology 804

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPG 806 Oral pathology 806

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPG 890 Dissertation: Oral pathology 890

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPX 800 Molecular pathology 800

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw 1 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 120

MTS 801 Medical applied psychology 801

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

MTS 802 Transcultural practice 802

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 36

MTS 803 Personality theory 803

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 36

MTS 804 Human development 804

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 36

MTS 805 Research methodology 805

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 36

MTS 806 Pathology 806

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 36

MTS 807 Communication theory 807

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 36

MTS 808 Medical applied psychology: Practical work 808

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 36

MTS 890 Dissertation: Medical applied psychology 890

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 100

NAV 882 Research report: Preparation 882

Academic organisation: Pharmacology

Contact time: 1 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 40

NAV 883 Research report 883

Academic organisation: Pharmacology

Contact time: 1 dpw 1 other per week

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 40

NCR 800 Neurosurgery 800

Academic organisation: Neurosurgery

Contact time: 2 spw 3 dpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

NGK 801 Emergency medicine 801

Academic organisation: Family Medicine

Contact time: 1 ppw 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 300

NMG 800 Research methodology 800

Academic organisation: Periodontics and Oral Medicine

Contact time: 8.5 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

NRE 800 Neurology 800

Academic organisation: NeUrology

Period of presentation: Year

Language of tuition: English

Credits: 300

NRE 801 Neurology 801

Academic organisation: NeUrology

Period of presentation: Year

Language of tuition: English

Credits: 36

ODO 800 Examination: MSc(Odontology) 800

Academic organisation: Dentistry General

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

ODO 890 Dissertation: MSc(Odontology) 890

Academic organisation: Dentistry General

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

ODO 895 Essay: Odontology 895

Academic organisation: Dentistry General

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

OEG 800 Obstetrics and gynaecology 800

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

OEG 801 Obstetrics and Gynaecology 801

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

OHK 800 Ophthalmology 800

Academic organisation: Ophthalmology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

OHS 870 Impairment evaluation 870

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

OHS 871 Disability management 871

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

OHS 873 Postgraduate seminars in occupational hygiene 1 873

Academic organisation: School of Health Systems and Public Health

Prerequisite: FLG 322 or equivalent occupational hygiene coursework with 2 year practical experience in the field of occupational hygiene

Contact time: 1 dpw 1 ppw

Period of presentation: Year

Language of tuition: English

Credits: 10

Module content:

The purpose of this module is to introduce students to the basic concepts of occupational hygiene. Topics addressed in this module include occupational hygiene principles, legislation, risk management (including risk assessment), measuring environmental factors, ergonomics, biological environmental factors, psychological environmental factors, control of environmental factors, communication and report writing and toxicology. Problem-based assignments and practical work needs to be completed and submitted after completion of each unit standard.

OHS 874 Postgraduate seminars in occupational hygiene 2 874

Academic organisation: School of Health Systems and Public Health

Prerequisite: Satisfactory progress with submissions of OHS 873 assignments (unit standards 1 – 9)

Period of presentation: Year

Language of tuition: English

Credits: 10

Module content:

The purpose of this module is to introduce students to laboratory practice, occupational health education, research and statistical methods, integrated management systems, quality systems, audits and occupational hygiene management. Problem-based assignments and practical work needs to be completed and submitted after completion of each unit standard.

ONK 800 Otorhinolaryngology 800

Academic organisation: Otorhinolaryngology

Period of presentation: Year

Language of tuition: Double medium

Credits: 300

ONK 890 Dissertation: Otorhinolaryngology 890

Academic organisation: Otorhinolaryngology

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

ONO 800 Communicable and non-communicable health conditions 800

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 70

ORD 800 Orthodontics 800

Academic organisation: Orthodontics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

ORD 803 Orthodontics 803

Academic organisation: Orthodontics

Contact time: 20dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 464

ORD 890 Dissertation: Orthodontics 890

Academic organisation: Orthodontics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

ORT 800 Orthopaedics 800

Academic organisation: Orthopaedics

Contact time: 5 ppw 5 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

PAG 801 Pathology 801

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

PAG 802 Pathology 802

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

PAG 804 Pathology 804

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

PAG 805 Pathology 805

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

PAG 806 Pathology 806

Academic organisation: Anatomical Pathology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

PAG 808 Pathology 808

Academic organisation: Anatomical Pathology

Contact time: 1 dpw 2 other per week

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

PAG 880 Pathology 880

Academic organisation: Anatomical Pathology

Contact time: 1 ppw 1 dpw 1 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

PCM 870 Introduction to primary health care 870

Academic organisation: School of Health Systems and Public Health

Contact time: 3 dpw 1 ppw

Period of presentation: Year

Language of tuition: English

Credits: 24

PCR 800 Plastic surgery 800

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 300

PDD 871 Pedodontics 871

Academic organisation: Odontology

Contact time: 2 dpw 2 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PHR 870 Public health research report 870

Academic organisation: School of Health Systems and Public Health

Period of presentation: Year

Language of tuition: English

Credits: 45

PHR 871 Research essay 871

Academic organisation: School of Health Systems and Public Health

Period of presentation: Year

Language of tuition: English

Credits: 60

PHT 801 Physiotherapy 801

Academic organisation: Physiotherapy

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

PHT 802 Physiotherapy 802

Academic organisation: Physiotherapy

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

PHT 803 Physiotherapy 803

Academic organisation: Physiotherapy

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

PHT 804 Physiotherapy 804

Academic organisation: Physiotherapy

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

PHT 806 Physiotherapy 806

Academic organisation: Physiotherapy

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

PHT 807 Physiotherapy 807

Academic organisation: Physiotherapy

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

PMG 801 Periodontics and oral medicine 801

Academic organisation: Periodontics and Oral Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PMG 802 Periodontics and oral medicine 802

Academic organisation: Periodontics and Oral Medicine

Contact time: 2 dpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PMG 803 Periodontics and oral medicine 803

Academic organisation: Periodontics and Oral Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PMG 890 Dissertation: Periodontology and oral medicine 890

Academic organisation: Periodontics and Oral Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

POK 800 Sport science 800

Academic organisation: Centre for Sport Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

POK 890 Dissertation: Sport science 890

Academic organisation: Centre for Sport Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

PRD 801 Prosthodontics 801

Academic organisation: Prosthodontics

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PRD 802 Prosthodontics 802

Academic organisation: Prosthodontics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PRD 803 Prosthodontics 803

Academic organisation: Prosthodontics

Contact time: 1 spw 2 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PRD 890 Dissertation: Prosthodontics 890

Academic organisation: Prosthodontics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

PRS 800 Practice management 800

Academic organisation: Community Dentistry

Contact time: 2 spw 2 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PSI 800 Psychiatry 800

Academic organisation: Psychiatry

Contact time: 1 spw

Period of presentation: Year

Language of tuition: English

Credits: 300

PSI 802 Psychiatry 802

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 24

PTK 890 Dissertation: Prosthetics 890

Academic organisation: Prosthodontics

Period of presentation: Year

Language of tuition: English

Credits: 24

QHR 870 Qualitative research methods 870

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

RAD 870 Radiology 870

Academic organisation: Dental Management Sciences

Contact time: 1 spw 1 dpw 1 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RBA 800 Reproductive biology: Andrology 800

Academic organisation: Urology

Period of presentation: Year

Language of tuition: English

Credits: 1

RBA 890 Dissertation: Reproductive biology: Andrology 890

Academic organisation: Urology

Period of presentation: Year

Language of tuition: English

Credits: 240

RBG 800 Radiobiology 800

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RBG 801 Radiobiology 801

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

RBG 890 Dissertation: Radiobiology 890

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RBI 800 Reproductive biology 800

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

RBI 890 Dissertation: Reproductive biology 890

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

RCF 800 Radiobiology, chemistry and pharmacology 800

Academic organisation: Nuclear Medicine

Contact time: 2 lpw 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

RDD 800 Radiological diagnostics 800

Academic organisation: Radiology

Contact time: 5 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

RGT 890 Dissertation: Radiation therapy 890

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RON 800 Röntgenology 800

Academic organisation: Dental Management Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RON 801 Röntgenology 801

Academic organisation: Dental Management Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 180

RON 890 Dissertation: Röntgenology and diagnostics 890

Academic organisation: Dental Management Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

RON 895 Essay: Röntgenology 895

Academic organisation: Dental Management Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 120

RSD 801 Diagnostics 801

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RSD 890 Dissertation: Diagnostics 890

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

RSZ 890 Dissertation: Radiation therapy 890

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

SAN 880 Sports anatomy 880

Academic organisation: Anatomy

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

SBI 800 Cell biology 800

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

SBI 890 Dissertation: Cell biology 890

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

SCM 870 Society and health 870

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Year

Language of tuition: English

Credits: 5

SCM 871 Human resource management and industrial sociology 871

Academic organisation: School of Health Systems and Public Health

Contact time: 1 dpw 1 lpw 1 ppw 1 other per week 1 spw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

SCM 872 Introduction to mental health 872

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

SCM 873 Quality of life 873

Academic organisation: School of Health Systems and Public Health

Contact time: 2 spw 1 ppw 8 lpw 2 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

SCP 870 Health promotion 870

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

SCP 871 Sexual and reproductive health 871

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

SCP 872 Health promotion in practice 872

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

SGN 800 Sports medicine 800

Academic organisation: Orthopaedics

Contact time: 4 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

SGN 802 Sports medicine 802

Academic organisation: Orthopaedics

Contact time: 4 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 36

SGN 890 Dissertation: Sports medicine 890

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

SOZ 800 Radiation oncology 800

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 300

SOZ 805 Radiation oncology 805

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

SOZ 890 Dissertation: Radiation oncology 890

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 240

TCR 800 Thoracic surgery 800

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 300

TGO 800 Essay: Dental health education 800

Academic organisation: Community Dentistry

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

THW 800 Dissertation: Dental sciences 800

Academic organisation: Dentistry General

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

TMP 801 Applied oral pathology 801

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

TMP 871 Applied oral pathology 871

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

TNM 801 Applied research methods 801

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: English

Credits: 24

URO 800 Urology 800

Academic organisation: Urology

Period of presentation: Year

Language of tuition: English

Credits: 300

VGK 808 Advanced women's health 808

Academic organisation: Nursing Science

Contact time: 2 lpw 4 dpw

Period of presentation: Year

Language of tuition: English

Credits: 24

VGK 890 Dissertation: Nursing science 890

Academic organisation: Nursing Science

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 280

VGK 891 Essay 891

Academic organisation: Nursing Science

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

VSG 864 Nutrition care 864

Academic organisation: Human Nutrition

Contact time: 1 dpw 5 web-based periods per week 2 other per week 10 spw

Period of presentation: Semester 1

Language of tuition: English

Credits: 30

WKT 881 Practicals and work assignments 881

Academic organisation: Pharmacology

Contact time: 1 spw 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 40

WKT 882 Practicals and work assignments 882

Academic organisation: Pharmacology

Contact time: 1 spw 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 40

WKT 883 Practicals and work assignments 883

Academic organisation: Pharmacology

Contact time: 1 spw 1 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 40

AGW 990 Thesis: General health sciences 990

Academic organisation: Health Sciences Dean's Office

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

ANA 900 Anatomy 900

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

Module content:

A complete synopsis of all anatomy modules at postgraduate level is published in the Study Guide for Postgraduate Anatomy Courses, which is available on request from the Department of Anatomy.

ANA 990 Thesis: Anatomy 990

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

ANE 900 Anaesthesiology 900

Academic organisation: Anaesthesiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

ANE 990 Thesis: Anaesthesiology 991

Academic organisation: Anaesthesiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

ANP 900 Anatomical pathology 900

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

ANP 990 Thesis: Anatomical pathology 990

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

ART 900 Occupational therapy 900

Academic organisation: Occupational Therapy

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

ART 990 Thesis: Occupational therapy 990	
Academic organisation: Occupational Therapy	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 480
CHP 900 Chemical pathology 900	
Academic organisation: Chemical Pathology	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 1
CHP 990 Thesis: Chemical pathology 990	
Academic organisation: Chemical Pathology	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 480
CHR 901 Surgery 901	
Academic organisation: Surgery	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 24
CHR 902 Surgery 902	
Academic organisation: Surgery	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 24
CHR 991 Thesis: Surgery 991	
Academic organisation: Surgery	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 24
CHR 992 Thesis: Surgery 992	
Academic organisation: Surgery	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 24
DEK 900 Examination: Dietetics 900	
Academic organisation: Human Nutrition	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 1
DEK 990 Thesis: Dietetics 990	
Academic organisation: Human Nutrition	
Period of presentation: Year	
Language of tuition: Double medium	Credits: 480
DER 900 Dermatology 900	
Academic organisation: Family Medicine	
Period of presentation: Year	
Language of tuition: Both Afr and Eng	Credits: 1

DER 990 Thesis: Dermatology 990

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

DGR 900 Diagnostic radiology 900

Academic organisation: Radiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

DGR 990 Thesis: Diagnostic radiology 990

Academic organisation: Radiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

EPI 900 Epidemiology 900

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 1

EPI 990 Thesis: Epidemiology 990

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 480

FAR 900 Pharmacology 900

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

FAR 990 Thesis: Pharmacology 990

Academic organisation: Pharmacology

Period of presentation: Year

Language of tuition: Double medium

Credits: 480

FTP 900 Physiotherapy 900

Academic organisation: Physiotherapy

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

FTP 990 Thesis: Physiotherapy 990

Academic organisation: Physiotherapy

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

GER 900 Geriatrics 900

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

GER 990 Thesis: Geriatrics 990

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

GGK 900 Forensic medicine 900

Academic organisation: Forensic Health Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

GGK 990 Thesis: Forensic medicine

Academic organisation: Forensic Health Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

GGS 900 Community health 900

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 1

GGS 990 Thesis: Community health 990

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 480

GIM 900 Examination: Medical immunology 900

Academic organisation: Immunology

Period of presentation: Year

Language of tuition: English

Credits: 1

GIM 990 Thesis: Medical immunology 990

Academic organisation: Immunology

Period of presentation: Year

Language of tuition: English

Credits: 480

GKW 900 Medical nuclear science 900

Academic organisation: Nuclear Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

GKW 990 Thesis: Medical Nuclear Science 990

Academic organisation: Nuclear Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

GMB 900 Medical microbiology 900

Academic organisation: Medical Microbiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

GMB 990 Thesis: Medical microbiology 990

Academic organisation: Medical Microbiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

GNF 900 Medical physics 900

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

GNF 990 Thesis: Medical physics 990

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

GSL 900 Health systems 900

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 1

GSL 990 Health systems 990

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 480

GTH 990 Thesis: Community dentistry 990

Academic organisation: Community Dentistry

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

GVR 900 Medical virology 900

Academic organisation: Medical Virology

Period of presentation: Year

Language of tuition: English

Credits: 1

GVR 990 Thesis: Medical virology 990

Academic organisation: Medical Virology

Period of presentation: Year

Language of tuition: English

Credits: 480

HAK 900 Family medicine 900

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

HAK 990 Thesis: Family medicine 990

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

HEM 900 Haematology 900

Academic organisation: Hematology

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

HEM 990 Thesis: Haematology 990

Academic organisation: Hematology

Period of presentation: Year

Language of tuition: Double medium

Credits: 480

HTH 900 Restorative dentistry 900

Academic organisation: Odontology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

HTH 990 Thesis: Restorative dentistry 990

Academic organisation: Odontology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

IGK 900 Internal medicine 900

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

IGK 990 Thesis: Internal medicine 990

Academic organisation: Family Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

KGE 900 Paediatrics 900

Academic organisation: Paediatrics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

KGE 990 Thesis: Paediatrics 990

Academic organisation: Paediatrics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

KGM 900 Maxillo-facial and oral surgery 900

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

KGM 990 Thesis: Maxillo-facial and oral surgery 990

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

LRG 900 Aerospace medicine 900

Academic organisation: Aerospace Medicine

Period of presentation: Year

Language of tuition: English

Credits: 24

LRG 990 Aerospace medicine 990

Academic organisation: Aerospace Medicine

Period of presentation: Year

Language of tuition: English

Credits: 24

MDN 900 Medical oncology 900

Academic organisation: Medical Oncology

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

MDN 990 Thesis: Medical oncology 990

Academic organisation: Medical Oncology

Period of presentation: Year

Language of tuition: Double medium

Credits: 480

MFG 900 Human physiology 900

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

MFG 990 Thesis: Human physiology 990

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Double medium

Credits: 480

MGN 900 Human genetics 900

Academic organisation: Human Genetics and Developmental Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

MGN 990 Thesis: Human genetics 990

Academic organisation: Human Genetics and Developmental Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

MPB 900 Oral pathology and oral biology 900

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPB 990 Thesis: Oral pathology and oral biology 990

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPG 991 Oral pathology 991

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

NCR 900 Neurosurgery 900

Academic organisation: Neurosurgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

NCR 990 Thesis: Neurosurgery 990

Academic organisation: Neurosurgery

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

NRE 900 Neurology 900

Academic organisation: NeUrology

Period of presentation: Year

Language of tuition: English

Credits: 1

NRE 990 Thesis: Neurology 990

Academic organisation: NeUrology

Period of presentation: Year

Language of tuition: English

Credits: 480

OEG 900 Obstetrics and gynaecology 900

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

OEG 990 Thesis: Obstetrics and gynaecology 990

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

OGD 900 Public health 900

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 1

OGD 990 Public health 990

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 480

OGH 900 Environmental health 900

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

OGH 990 Thesis: Environmental health 990

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

OHK 900 Ophthalmology 900

Academic organisation: Ophthalmology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

OHK 990 Thesis: Ophthalmology 990

Academic organisation: Ophthalmology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

OHS 875 Individual studies in occupational hygiene 875

Academic organisation: School of Health Systems and Public Health

Prerequisite: FLG 322 or equivalent Occupational hygiene coursework with 2 yrs practical experience, satisfactory progress in OHS 873.

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: English

Credits: 10

Module content:

The purpose of this module is to provide students with in-depth knowledge and competency in occupational hygiene measuring and surveying techniques concerning legislative requirements related to different occupational hygiene strategies and stressors, i.e. risk assessment, occupational stress, illumination, extreme thermal conditions, noise, airborne contaminants, ventilation and ergonomics. Students need to compile template reports and submit it for grading. Students must also complete practical coursework in the air quality laboratory or at an approved inspection occupational hygiene laboratory to obtain competency in occupational hygiene monitoring and survey techniques, i.e. use, calibration, verification, zeroing, maintenance of occupational hygiene equipment, calculations and interpretation of occupational hygiene survey results. Students will have to take a competency test after completing all practical coursework.

ONK 900 Otorhinolaryngology 900

Academic organisation: Otorhinolaryngology

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

ONK 990 Thesis: Otorhinolaryngology 990

Academic organisation: Otorhinolaryngology

Period of presentation: Year

Language of tuition: Double medium

Credits: 480

ORD 900 Orthodontics 900

Academic organisation: Orthodontics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

ORD 990 Thesis: Orthodontics 990

Academic organisation: Orthodontics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

ORT 900 Orthopaedics 900

Academic organisation: Orthopaedics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

ORT 990 Thesis: Orthopaedics 990

Academic organisation: Orthopaedics

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

PAG 900 Pathology 900

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

PAG 990 Thesis: Pathology 990

Academic organisation: Anatomical Pathology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

PCR 900 Plastic and reconstructive surgery 900

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

PCR 990 Thesis: Plastic and reconstructive surgery 990

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 480

PMG 900 Periodontics and oral medicine 900

Academic organisation: Periodontics and Oral Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PMG 990 Thesis: Periodontology and oral medicine 990

Academic organisation: Periodontics and Oral Medicine

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

POK 900 Sport science 900

Academic organisation: Centre for Sport Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

POK 990 Thesis: Sport science 990

Academic organisation: Centre for Sport Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

PSI 900 Psychiatry 900

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 1

PSI 990 Thesis: Psychiatry 990

Academic organisation: Psychiatry

Period of presentation: Year

Language of tuition: English

Credits: 480

PTN 900 Prosthetics and dental mechanics 900

Academic organisation: Prosthodontics

Period of presentation: Year

Language of tuition: English

Credits: 24

PTN 990 Thesis: Prosthetics and dental mechanics 990

Academic organisation: Prosthodontics

Period of presentation: Year

Language of tuition: English

Credits: 24

RAD 900 Radiography 900

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

RAD 990 Thesis: Radiography 990

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

RBA 900 Reproductive biology: Andrology 900

Academic organisation: Urology

Period of presentation: Year

Language of tuition: English

Credits: 1

RBA 990 Thesis: Reproductive biology: Andrology 990

Academic organisation: Urology

Period of presentation: Year

Language of tuition: English

Credits: 480

RBI 900 Reproductive biology 900

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

RBI 990 Thesis: Reproductive biology 990

Academic organisation: Obstetrics and Gynaecology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

RDD 900 Radiological diagnostics 900

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

RDD 990 Thesis: Radiological diagnostics 990

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

RDT 900 Radiological therapy 900

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RDT 990 Thesis: Radiological therapy 990

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RGT 801 Radiation therapy 801

Academic organisation: Radiographic Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

RON 990 Röntgenology 990

Academic organisation: Dental Management Sciences

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

SGN 894 Essay: Sports medicine (Preliminary work) 894

Academic organisation: Orthopaedics

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

SGN 895 Essay: Sports medicine 895

Academic organisation: Orthopaedics

Period of presentation: Year

Language of tuition: Double medium

Credits: 72

SGN 900 Sports medicine 900

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

SGN 990 Thesis: Sports medicine 990

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

SOZ 900 Radiation oncology 900

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

SOZ 990 Thesis: Radiation oncology 990

Academic organisation: Radiation Oncology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

TCR 900 Thoracic surgery 900

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 1

TCR 990 Thesis: Thoracic surgery 990

Academic organisation: Surgery

Period of presentation: Year

Language of tuition: Double medium

Credits: 480

THW 990 Thesis: Dental sciences 990

Academic organisation: Dentistry General

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

URO 900 Urology 900

Academic organisation: Urology

Period of presentation: Year

Language of tuition: English

Credits: 1

URO 990 Thesis: Urology 990

Academic organisation: Urology

Period of presentation: Year

Language of tuition: English

Credits: 480

VGK 900 Nursing science 900

Academic organisation: Nursing Science

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 1

VGK 990 Thesis: Nursing science 990

Academic organisation: Nursing Science

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 480

AAN 701 Anatomy 701

Academic organisation: Anatomy

Contact time: 1 ppw 1 dpw 3 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 10

Module content:

A complete synopsis of all anatomy modules at postgraduate level published in the Study Guide for Postgraduate Anatomy Courses is available on request from the Department of Anatomy.

ADB 700 Administration and management 700

Academic organisation: Community Dentistry

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

ADM 701 Advanced clinical management in hand therapy 701

Academic organisation: Occupational Therapy

Period of presentation: Year

Language of tuition: Double medium

Credits: 50

Module content:

Advanced study of hand injuries and conditions and their management. The design and application of treatment programmes in clinical practice. Study and application of evaluation methods and instruments

ADX 700 Aesthetic dentistry 700

Academic organisation: Odontology

Period of presentation: Year

Language of tuition: Double medium

Credits: 24

AHM 771 Assignment in health systems management 771

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 30

ANA 870 Anatomy 870

Academic organisation: Anatomy

Period of presentation: Year

Language of tuition: Double medium

Credits: 36

AOH 770 Assignment in occupational health 770

Academic organisation: Community Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 30

BEX 701 Biomechanics and ergonomics 701

Academic organisation: Occupational Therapy

Contact time: 14 lpw 1 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 10

Module content:

Biomechanics of the upper limb and disturbance thereof; the biomechanics of splints. Environmental factors for effective posture and handgrip; relationship between man and environment; disturbance of this relationship.

BFP 700 Industrial physiology and pathology 700

Academic organisation: Physiology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

BMC 701 Hand biomechanics and ergonomics 701

Academic organisation: Occupational Therapy

Period of presentation: Quarter 2

Language of tuition: Double medium

Credits: 30

BRH 700 Vocational rehabilitation 700

Academic organisation: Occupational Therapy

Contact time: 2 spw 4 lpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 30

Module content:

Continued training in the vocational rehabilitation process applied to various diagnostic groups.

CBA 710 Anatomical and surgical principles 710

Academic organisation: Maxillo-Facial and Oral Surgery

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

CBR 700 Maxillo-facial radiology and surgical principles 700

Academic organisation: Dental Management Sciences

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: English

Credits: 80

CDC 770 Introduction to disease prevention and control 770

Academic organisation: Community Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

CDC 771 Principles: Communicable disease control 771

Academic organisation: Community Health

Contact time: 1 ppw 1 dpw 1 lpw 1 spw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

CDC 772 Seminars in tropical health 1 772

Academic organisation: Community Health

Contact time: 1 other per week 1 spw 1 dpw 1 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

CDC 773 Seminars in tropical health 2 773

Academic organisation: Community Health

Contact time: 1 ppw 1 dpw 1 spw 1 lpw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

CDC 774 Seminars in tropical health (Host) 774

Academic organisation: Community Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

CDC 870 Introduction to disease control 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

CDS 770 Clinical tropical medicine 770

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 5

CLI 770 Principles in clinical epidemiology 770

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

CLI 771 Evidence-based medicine and critical appraisal of medical literature 771

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 10

CLI 871 Evidence-based medicine and critical appraisal of medical literature 871

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

DBG 795 Essay 795

Academic organisation: Community Health

Period of presentation: Year

Language of tuition: English

Credits: 24

DCD 701 Normal development 701

Academic organisation: Occupational Therapy

Contact time: 10 ppw 5 dpw 15 lpw

Period of presentation: Quarter 1

Language of tuition: Double medium

Credits: 20

Module content:

Sensory development. Motor development. Cognitive/perceptual development.
Communication development. Socio-emotional development.

DCD 702 Identification 702

Academic organisation: Occupational Therapy

Contact time: 5 spw 5 dpw 15 lpw 10 ppw

Period of presentation: Quarter 2

Language of tuition: Double medium

Credits: 30

Module content:

Early identification and the clinical picture of developmental delay of the somato-sensory system. Early identification and the clinical picture of developmental delay of the motor system. Early identification and the clinical picture of developmental delay of the visual system including pre-perceptual and perceptual skills.

DCD 703 Intervention for developmental delay 703

Academic organisation: Occupational Therapy

Contact time: 5 dpw 5 spw 15 lpw 10 ppw

Period of presentation: Quarter 3

Language of tuition: Double medium

Credits: 35

Module content:

Intervention strategies within the school setting. Adaptation of activity programmes.
Facilitation of social interaction.

DCD 704 Intervention for disabilities 704

Academic organisation: Occupational Therapy

Contact time: 15 lpw 5 dpw 10 ppw 5 spw

Period of presentation: Quarter 4

Language of tuition: Double medium

Credits: 35

Module content:

Handling techniques for the child with severe disabilities. Positioning for functioning. Environmental adaptations. Play as intervention medium. Integration into main stream schools.

DEG 770 Principles of demography 770

Academic organisation: Community Health

Contact time: 1 spw 1 ppw 1 dpw 1 lpw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

EHM 770 Basis in environmental health 770

Academic organisation: Community Health

Contact time: 1 other per week 1 lpw 1 spw 1 dpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

EHM 771 Health risk assessment 771

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

EHM 871 Health risk assessment 871

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

END 700 Endodontics 700

Academic organisation: Odontology

Contact time: 1 dpw 1 spw 5 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

EOH 770 Introduction to environmental and occupational health 770

Academic organisation: Community Health

Contact time: 1 ppw 1 other per week 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

EOM 870 Environmental epidemiology 870

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

FEM 780 Emergency medicine 780

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Study of airway; airway ventilation breathing; circulation; disorientation and evaluation.

FFM 780 Family-oriented patient care 780

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Study of the family as the object of care; family systems theory; tools for family-oriented care; family life-cycle; ethics of treating families; family conference; the family and chronic illness; family violence and alcohol abuse in the family.

FIA 702 Financial administration 702

Academic organisation: Occupational Therapy

Contact time: 4 dpw 2 lpw 1 spw

Period of presentation: Year

Language of tuition: Double medium

Credits: 30

Module content:

Financial statements; budget; decision-making; behaviour of costs; cost-volume relation; allocation of costs; manufacturing costs, process of costs; activity costs; overhead costs; business planning.

FIP 701 Physiology and pathophysiology 701

Academic organisation: Physiology

Contact time: 1 dpw 1 ppw 3 lpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

Physiology of the integration of hand function; brain plasticity, pain. Regeneration of skin, bone, muscle and nerve tissue; infection; inflammation.

FMA 781 Clinically applied anatomy 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

Module content:

Study of the upper limb, including the breast; head and neck; thorax; abdomen; pelvis; lower limb; embryology and histology.

FMA 782 Clinically applied anatomy 782

Academic organisation: Family Medicine

Contact time: 1 spw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 10

FMD 781 Chronic diseases 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

Study of diabetes mellitis, asthma, epilepsy, hypertension, cardiac failure, obesity and chronic pain.

FMF 781 Psychiatry 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

Psychiatry in family practice

Study of depression, anxiety; suicide; the difficult adolescent; substance use and abuse; schizophrenia; dementia and delirium.

FMG 781 Geriatric medicine 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

Study of theories of ageing; physiology of ageing; demography; presentation of disease in the aged; cardiovascular system; conditions of the joints; respiratory system; central and peripheral nervous system; digestive tract; urinary tract; endocrine system; haematology; skin and sense organs; psycho-geriatrics; falls in the elderly; infections; cancer; terminal care; nutrition; rehabilitation; drugs and preventive geriatrics.

FMI 781 Infectious diseases 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

Introduction; study of contagious disease important to the traveller; contagious diseases in the tropical regions; viral illnesses in children; fever of unknown origin; sexually transmitted diseases; haemorrhagic fever; infective diarrhoea; meningitis; leprosy; HIV/Aids; tuberculosis; rabies; school attendance and infectious diseases; community-acquired pneumonia (GVP); acute virus hepatitis; rational use of antibiotics and other exogenous infections.

FMP 781 Physiology 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 10

Module content:

Study of the nervous system; muscle physiology (skeletal, smooth and heart muscle); endocrine physiology; physiology of reproduction (age-related); cardiovascular physiology; thermoregulation; nutrition and digestion; acid-base balance; kidney, salt and water balance; blood and respiration.

FMS 781 Sports medicine 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

An approach to sports injuries: concepts of training and fitness; energy systems and transfer of energy, nutrition, health and training; special investigations; injury; strapping and wrapping; stress fractures; examination and clinical conditions of different areas, upper limb, lower limb, pelvis; trunk and head: special considerations of age and gender – the child, the female athlete and the elderly exerciser; exercising under certain conditions – heat, cold, underwater altitude and time zones; sport and medical conditions – diabetes mellitus; HIV/Aids; drugs, alcohol; the tired athlete; concussion/boxing; exercise induced headache and medical coverage of sports events.

FMU 781 Rheumatology 781

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 10

Module content:

Study of rheumatoid arthritis; osteoarthritis; gout; ceronegative spondilo-arthropathy; collagen diseases; lower back pain; fibromyalgia and osteoporosis.

FMX 780 Practice management 780

Academic organisation: Family Medicine

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 20

Module content:

Study of human resource management; financial management; auditing of management and services management.

FOT 700 Forensic odontology 700

Academic organisation: Oral Pathology and Oral Biology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

GRA 701 Groups in occupational therapy 701

Academic organisation: Occupational Therapy

Contact time: 3 ppw 1 dpw 2 lpw 1 spw

Period of presentation: Year

Language of tuition: Double medium

Credits: 30

Module content:

Emphasis will be placed on role-playing and groups in learning employment acquisition behaviour.

GRT 700 Group techniques 700

Academic organisation: Occupational Therapy

Contact time: 5 ppw 8 spw

Period of presentation: Year

Language of tuition: Double medium

Credits: 60

Module content:

The group process. Group leadership. Problem clients and intervention strategies. Group activities with clients on different levels of motivation and action.

GTH 700 Community dentistry 700

Academic organisation: Community Dentistry

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

HAK 780 Philosophy and principles of family medicine 780

Academic organisation: Family Medicine

Period of presentation: Semester 1 or Semester 2

Language of tuition: Both Afr and Eng

Credits: 20

HCE 770 Introduction to health economics 770

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCF 770 Financial management in public health 770

Academic organisation: Community Health

Contact time: 1 dpw 1 spw 1 other per week 1 ppw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCF 870 Financial management in public health 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 spw 1 dpw 1 lpw 1 ppw 1 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCI 770 Health systems operations management 770

Academic organisation: Community Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

HCI 870 Health systems operations management 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 1 lpw 1 dpw 1 other per week 1 spw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

HCL 770 Legislation and health 770

Academic organisation: Community Health

Contact time: 1 ppw 1 other per week 1 spw 1 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCL 771 Occupational health law 771

Academic organisation: Community Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCL 870 Legislation and health 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 other per week 1 spw 1 ppw 1 lpw 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

HCL 871 Occupational health law 871

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

HCM 772 Health policy and systems 772

Academic organisation: Community Health

Contact time: 4 other per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCM 773 Managing occupational health services 773

Academic organisation: Community Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCM 774 South African health system 774

Academic organisation: School of Health Systems and Public Health

Contact time: 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HCS 770 Project management in health 770

Academic organisation: Community Health

Contact time: 1 dpw 1 lpw 1 spw 1 other per week 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 10

HCS 773 Contract management 773

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

HCS 775 Problem solving and health management 775

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 10

HCS 870 Project management in health 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 lpw 1 ppw 1 spw 1 dpw 1 other per week

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

HIN 770 Introduction to health informatics 770

Academic organisation: Community Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HIN 870 Introduction to health informatics 870

Academic organisation: School of Health Systems and Public Health

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HME 770 Introduction to health measurement 770

Academic organisation: Community Health

Contact time: 1 other per week 1 ppw 1 lpw 1 spw 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

HME 772 Primary epidemiology 772

Academic organisation: Community Health

Contact time: 1 other per week 8 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 10

HRM 770 Principles of human resource management 770

Academic organisation: Community Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 10

HRM 870 Principles of human resource management 870

Academic organisation: Community Health

Contact time: 1 ppw 16 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

HTH 700 Restorative dentistry 700

Academic organisation: Odontology

Contact time: 1 spw 1 dpw 5 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

ICX 870 Integrative case study (1) 870

Academic organisation: School of Health Systems and Public Health

Contact time: 3 dpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

ICX 873 Integrative case study (4) 873

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 3 dpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 5

IKX 700 Interpersonal communication 700

Academic organisation: Occupational Therapy

Contact time: 4 dpw 6 spw 4 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 60

Module content:

The interpersonal process. Factors influencing communication. Intervention strategies. Pathology factors which influence the communication process.

KVH 701 Clinical skills in hand therapy 701

Academic organisation: Occupational Therapy

Contact time: 12 ppw

Period of presentation: Year

Language of tuition: Double medium

Credits: 40

Module content:

Study and application of:

Evaluation methods and instruments for hand and upper limb injuries

Current techniques in hand therapy.

MCH 700 Oral surgery 700

Academic organisation: Maxillo-Facial and Oral Surgery

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MDB 710 Applied oral biology 710

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

MGK 700 Oral medicine 700

Academic organisation: Periodontics and Oral Medicine

Contact time: 4 dpw 4 ppw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

MPG 700 Oral pathology 700

Academic organisation: Oral Pathology and Oral Biology

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 88

OCM 770 Principles of occupational medicine 770

Academic organisation: Community Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

OCM 771 Clinical skills in occupational medicine 771

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Year

Language of tuition: English

Credits: 5

Module content:

*Attendance module only

OHS 770 Impairment evaluation 770

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

OHS 771 Disability management 771

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

OHT 770 Principles of occupational hygiene and toxicology 770

Academic organisation: School of Health Systems and Public Health

Contact time: 16 lpw 1 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 10

ORD 700 Orthodontics 700

Academic organisation: Orthodontics

Contact time: 10 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 100

PDD 700 Pedodontics 700

Academic organisation: Odontology

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PDL 700 Periodontology 700

Academic organisation: Periodontics and Oral Medicine

Contact time: 20 ppw 4 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PHM 770 Learning in public health 770

Academic organisation: Community Health

Contact time: 1 spw 1 other per week 1 ppw 1 dpw 1 lpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 5

PHM 771 Diploma examination: Occupational health (Part 1) 771

Academic organisation: School of Health Systems and Public Health

Period of presentation: Year

Language of tuition: English

Credits: 24

PHM 772 Diploma examination: Occupational health (Part 2) 772

Academic organisation: School of Health Systems and Public Health

Period of presentation: Year

Language of tuition: English

Credits: 24

PRS 700 Practice management 700

Academic organisation: Community Dentistry

Contact time: 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

PTK 700 Prosthetics 700

Academic organisation: Prosthodontics

Contact time: 1 dpw

Period of presentation: Year

Language of tuition: English

Credits: 24

SCM 770 Society and health 770

Academic organisation: School of Health Systems and Public Health

Contact time: 1 ppw 16 lpw

Period of presentation: Quarter 3

Language of tuition: English

Credits: 5

SCM 771 Human resource management and industrial sociology 771

Academic organisation: Community Health

Contact time: 1 other per week 1 dpw 1 spw 1 ppw 1 lpw

Period of presentation: Semester 2

Language of tuition: English

Credits: 10

THM 700 Dental materials 700

Academic organisation: Odontology

Contact time: 2 spw 5 dpw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

THM 710 Dental materials 710

Academic organisation: Odontology

Contact time: 1 spw 10 lpw 5 dpw

Period of presentation: Semester 1

Language of tuition: Double medium

Credits: 12

TIN 710 Dental informatics 710

Academic organisation: Community Dentistry

Period of presentation: Semester 1

Language of tuition: Both Afr and Eng

Credits: 12

TQM 770 Principles of quality assurance 770

Academic organisation: Community Health

Contact time: 1 other per week 1 spw 1 lpw 1 ppw 1 dpw

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

TQM 870 Principles of quality assurance 870

Academic organisation: School of Health Systems and Public Health

Contact time: 1 dpw 1 lpw 1 other per week 1 spw 1 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ULT 710 Applied ultrasound imaging of the body 710

Academic organisation: Radiology

Contact time: 2 web-based periods per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 4

ULT 711 Applied ultrasound physics 711

Academic organisation: Radiology

Contact time: 2 web-based periods per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 2

ULT 712 Applied ultrasound pathology 712

Academic organisation: Radiology

Contact time: 2 web-based periods per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 4

ULT 713 Basic abdominal ultrasound 713

Academic organisation: Radiology

Contact time: 20 ppw 2 web-based periods per week

Period of presentation: Semester 1

Language of tuition: English

Credits: 10

ULT 720 Basic pelvic ultrasound 720

Academic organisation: Radiology

Contact time: 20 ppw 2 web-based periods per week

Period of presentation: Semester 2

Language of tuition: English

Credits: 14

ULT 721 Ultrasound of small body parts 721

Academic organisation: Radiology

Contact time: 10 ppw 2 web-based periods per week

Period of presentation: Semester 2

Language of tuition: English

Credits: 14

ULT 722 Elective module: Cardiac ultrasound 722

Academic organisation: Radiology

Contact time: 10 ppw 1 web-based period per week

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ULT 723 Elective module: Obstetrics ultrasound 723

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ULT 724 Elective module: General ultrasound 724

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ULT 725 Elective module: Vascular ultrasound 725

Academic organisation: Radiology

Contact time: 10 ppw 1 web-based period per week

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ULT 730 Abdominal ultrasound 730

Academic organisation: Radiology

Contact time: 2 web-based periods per week 40 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 14

ULT 731 Obstetric ultrasound 731

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 14

ULT 732 Elective module: Cardiac ultrasound 732

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ULT 733 Elective module: Obstetrics ultrasound 733

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ULT 734 Elective module: General ultrasound 734

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ULT 735 Elective module: Vascular ultrasound 735

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 1

Language of tuition: English

Credits: 12

ULT 742 Elective module: Cardiac ultrasound 742

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ULT 743 Elective module: Obstetrics ultrasound 743

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ULT 744 Elective module: General ultrasound 744

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

ULT 745 Elective module: Vascular ultrasound 745

Academic organisation: Radiology

Contact time: 1 web-based period per week 10 ppw

Period of presentation: Semester 2

Language of tuition: English

Credits: 12

VTH 700 Preventive dentistry 700

Academic organisation: Community Dentistry

Contact time: 1 dpw 1 spw

Period of presentation: Year

Language of tuition: Both Afr and Eng

Credits: 24

WSD 701 Work study 701

Academic organisation: Occupational Therapy

Contact time: 2 lpw 2 ppw 1 spw 2 dpw

Period of presentation: Year

Language of tuition: Double medium

Credits: 30

Module content:

Advanced study of method study and work-measurement, including mastership of MODAPTS.

Business management is an existing subject for the Postgraduate Diploma in Health Administration.

Note:

Modules not listed in this publication, can be accessed at: <https://www.up.ac.za>

E&OE