



Rule Book 2024

FACULTY OF HEALTH SCIENCES



SCHOOL OF NURSING
Undergraduate Qualification

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UNIVERSITY OF THE
FREE STATE
UNIVERSITEIT VAN DIE
VRYSTAAT
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FREISTATA



UFS
HEALTH SCIENCES

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DISCLOSURE

No disclosure of marks, student information, or students' performance will be discussed with parents or other third parties without written permission by the student to protect the student's personal information.

Please note: Indicate your student number on all correspondence to the UFS.

This Rule Book applies to first-time Bachelor of Nursing students of 2024. The information in this Rule Book may be different for students starting in other years. It is accurate at the time of online publication and it may be necessary to make changes in certain circumstances.

This Rule Book must be read together with the 2024 General Rules of the UFS.

GENERAL CONTACT PERSONS

CONTACT PERSONS

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Dean, Head of the School, and Faculty Administrator

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DEFINITIONS

Refer to the 2024 UFS General Rules for the definition of terms to ensure clarity and uniform interpretation.

Faculty and Programme Rules supersedes the UFS General Rules if specifically stated. If not specifically stated in the Faculty and Programme Rules, the UFS General Rules remain applicable.

Although the information in the Rule Book has been compiled as accurately as possible, the UFS accepts no responsibility for any inaccuracies that may occur. The UFS General Rules, as amended from time to time, are applicable to the Faculty of Health Sciences and the School of Nursing. The Rule Book is a living document that can change with regard to the aspects included in this Rule Book, as deemed necessary.

It is the student's sole responsibility to familiarise him/herself with all the different sets of rules.

RULES

RULES FOR THE DEGREE BACHELOR OF NURSING B Nursing Credits: 512

Programme code: H8490 Plan code: BC849000 Degree code: 849000

*1

INTRODUCTION

The School of Nursing at the UFS offers a four-year Bachelor of Nursing qualification that complies with Regulation 174 of March 2013. It is an NQF level 8 qualification and has 512 credits. After completion of the qualification and meeting the minimum requirements prescribed in the regulations relating to the training for a Professional Nurse and Midwife, the School of Nursing will register South African students at the South African Nursing Council (SANC) as a Professional Nurse and Midwife in the category Community Service (section 40 of the Nursing Act no. 33 of 2005 and Government notice 765 of 24 August 2005).

The Bachelor of Nursing comprises 43.11% contact, student and assessment time that constitutes theory and 56.89% work-integrated learning (WIL). A **minimum** total of 2048 WIL hours will be completed during the programme. WIL, according to the Nursing Education and Training Standards published by the SANC, is the component of a learning programme that focuses on the application of theory in an authentic, work-based context. It addresses specific competencies identified as inherent to a qualification.

PROGRAMME OUTCOMES

The exit level outcomes formulated in the Bachelor of Nursing degree are aligned to the outcomes prescribed by the SANC:

- Identify and address ethical and legal issues based on critical reflection on the suitability of different ethical values (and legal) systems to the nursing and midwifery practice within the legal framework.
- Apply knowledge of biological and natural sciences, psycho-social sciences, and pharmacology in the provision of safe nursing care throughout the lifespan in various healthcare settings and communities in response to population needs.
- Effectively manage the healthcare unit and health facility to understand the roles and relationships within the multidisciplinary team.
- Access, produce and manage information effectively to creatively solve problems or issues.
- Use research in investigating nursing, midwifery, and health-related problems.
- Apply learning strategies effectively to address own and others' professional and personal ongoing learning needs in a self-critical manner.
- Apply knowledge of theories, methods, and techniques in the practice of safe clinical nursing and midwifery that is a response to the needs of the individual, the family, and the community, in accordance with national legislative and policy frameworks.
- Maintain optimal health of a woman, her family, and baby, *prepartum*, *postpartum* and *intrapartum*.

1 - SAQA Qualification ID 111739 for 3 September 2019 to 3 September 2022 SANC accreditation on 28 March 2019 for 1 January 2020 to 31 December 2024

NQF LEVEL DESCRIPTORS

The NQF level eight programme descriptors are:

- (a) Scope of knowledge, in respect of which a learner can demonstrate knowledge of and engagement in an area at the forefront of a field, discipline, or practice; an understanding of the theories, research methodologies, methods and techniques relevant to the field, discipline, or practice, and an understanding of how to apply such knowledge in a particular context.
- (b) Knowledge literacy, in respect of which a learner can demonstrate the ability to interrogate multiple sources of knowledge in an area of specialisation and evaluate knowledge and processes of knowledge production.
- (c) Method and procedure, in respect of which a learner can demonstrate an understanding of the complexities and uncertainties of selecting, applying, or transferring appropriate standard procedures, processes or techniques to strange problems in a specialised field, discipline or practice.
- (d) Problem-solving, in respect of which a learner can demonstrate the ability to use a range of specialised skills to identify, analyse and address complex or abstract problems drawing systematically on the body of knowledge and methods appropriate to a field, discipline, or practice.
- (e) Ethics and professional practice, in respect of which a learner can demonstrate the ability to identify and address ethical issues based on critical reflection on the suitability of different ethical value systems to specific contexts.
- (f) Accessing, processing, and managing information, in respect of which a learner can demonstrate the ability to critically review information gathering, synthesis of data, evaluation and management processes in specialised contexts in order to develop creative responses to problems and issues.
- (g) Producing and communicating information, in respect of which a learner can demonstrate the ability to present and communicate academic, professional, or occupational ideas and texts effectively to a range of audiences, offering creative insights, rigorous interpretations, and solutions to problems and issues appropriate to the context.
- (h) Context and systems, in respect of which a learner can demonstrate the ability to operate effectively within a system or manage a system based on an understanding of the roles and relationships between elements within the system.
- (i) Management of learning, in respect of which a learner can demonstrate the ability to apply, in a self-critical manner, learning strategies that effectively address his/her professional and ongoing learning needs and the professional and ongoing learning needs of others.
- (j) Accountability, in respect of which a learner can demonstrate the ability to take full responsibility for his/her work, decision-making and the use of resources, and full accountability for the decisions and actions of others where appropriate.

GRADUATE ATTRIBUTES AND COMPETENCIES

According to the SANC, a graduate who completes this qualification will be able to:

- Apply knowledge of the theory of biological and natural sciences, psycho-social sciences, and pharmacology to provide comprehensive nursing and midwifery care.
- Develop, implement and evaluate population-based healthcare.
- Assess, plan, implement and evaluate nursing care for individuals and groups throughout the lifespan.
- Promote health, prevent ill-health, provide nursing care, and promote rehabilitation of individuals and groups independently.
- Utilise research in nursing and health-related problems to improve healthcare outcomes.
- Manage healthcare facilities.
- Demonstrate professional and clinical leadership.
- Promote the professional development of self and others.
- Demonstrate clinical judgment and critical thinking.
- Register as a Professional Nurse and Midwife with the South African Nursing Council.

NUR1 ADMISSION REQUIREMENTS AND SELECTION

The National Benchmark Tests (NBTs) are compulsory for all prospective first-year students. If the stipulated requirements of the NBTs have not been met, registration for the applicable language development modules is compulsory (General Rule A12).

Prospective students are subject to selection due to the high demands of the nursing profession and limited clinical training facilities. The School of Nursing reserves the right to request or obtain information in order to carry out the selection process. Selection takes place according to the selection policy of the School of Nursing.

In terms of General Rule A12 and the selection policy of the School of Nursing, prospective students must be in possession of a National Senior Certificate allowing admission to bachelor's study with the following appropriate subject combinations, level of achievements and an admission point (AP) of at least 30, that has been certified with an applicable endorsement by Umalusi.

Subject	Level of achievements
Language of instruction of school (Afrikaans or English)	4 (50%)
Mathematics OR Mathematical literacy	3 (40%) 6 (70%)
Life Sciences OR Physical science	5 (60%) 4 (50%)

The programme has specific additional out-of-pocket expenses, which is required for students to be able to complete their studies.

Transport will be provided to training sites of the UFS in Bloemfontein and surrounding areas, including community-based education and interprofessional training rotations after students have signed the required indemnity documents. An annual fee will be charged on student accounts (FHS Academic Training Transport Levy). This annual fee makes provision for all transport costs over the years of training.

NUR2 CONTACT SESSIONS

- (a) All scheduled nursing practical contact sessions are compulsory. Students who do not attend all the nursing practical contact sessions will not be admitted to the summative examination. Special arrangements will, however, be made if sessions are missed on account of unforeseen circumstances, and apology for such non-attendance must be accompanied by supporting documentation and presented to the lecturer in question at the next available teaching opportunity in the module.
- (b) All theoretical contact sessions attended within the Faculty of Health Sciences are compulsory. Students who attended less than 80% of contact sessions of a module will not be allowed to take part in the summative assessment in the main examination and will be regarded as having failed the module and not be considered for the supplementary examination, except when the Dean decides otherwise.

NUR3 READMISSION AND PROGRESS

2024 UFS General Rule A12.

- (a) The scope and timetable of modules for which students may register are arranged in consultation with the Head of the School and the Programme Director.
- (b) No student may register for an alternative module instead of an existing module of the approved curriculum unless these modules have been equated.
- (c) Theoretical and/or practical nursing module(s) must be successfully completed before a student may register for theoretical and/or practical nursing module(s) in any successive academic years. In addition, the required clinical hours per year must be met in order to pass the relevant practical module. An exception to the rule may be allowed only with the approval of the Dean.
- (d) A student may not be promoted to the third academic year if **any** module(s) of the first and/or second academic year is outstanding. An exception to the rule may only be made with the approval of the Dean.
- (e) A student who does not pass at least 50% of the number of registered modules per annum will not be allowed to re-enter the programme.
- (f) Students that interrupt their studies can re-register if the maximum duration (six years) to complete the programme is not exceeded.
- (g) A student who has already twice registered for a particular module and who still fails to comply with the pass requirements will only be granted one further opportunity to re-register for the qualification on the basis of exceptional merit – with the approval of the Dean of the faculty in which the module is offered on the recommendation of the academic head of department and/or the programme director.
- (h) It is compulsory for students who were referred to the Division Student Learning and Development to attend the sessions.

NUR4 WORK-INTEGRATED LEARNING

Work-integrated learning is compulsory and consists of two components:

- **Simulated learning sessions, and**
 - **workplace-based learning in health services institutions.**
- (a) Workplace-based learning must be performed at healthcare institutions accredited by the South African Nursing Council for the School of Nursing.
 - (b) All facets of work-integrated learning, including the scope and timetable, are overseen by the Programme Director, and approved by the Head of School.
 - (c) The prescribed work-integrated learning hours must be completed, and clinical outcomes achieved before students can be registered with the South African Nursing Council as Professional Nurses and Midwives.
 - (d) Students will be expected to do workplace-based hours at weekends, on public holidays and during UFS holidays.
 - (e) Work-integrated learning as prescribed in the applicable module guide is required for admission to the summative practical assessment and objective structured clinical evaluation (OSCE).

NUR5 REQUIREMENTS TO PASS

2024 General Rule A18.4.

- (a) Promotion does not take place in any Nursing module.
- (b) The module mark of a practical module contributes 50% and the examination mark of 50% to the combined mark. A subminimum of 50% must be obtained in the practical examination.
- (c) Students who fail the final-year module Midwifery Practicum (NUMP4808) may be assessed after six (6) months. In such cases, they must register for NUMP4810.
- (d) If a student does not qualify for admission to the main OSCE, admission for the supplementary OSCE can only occur with the recommendation of the Head of the School.
- (e) Students with an inadequate number of work-integrated learning hours will not pass the relevant practical module.

First-year students

Proof of the completion of two hundred and twenty-four (224) work-integrated learning hours and all other requirements as specified in the study guide for admission to Nursing Practicum (NUGP1522) must be submitted on the dates as stated in the module guides.

Second-year students

Proof of completion of a minimum of four hundred and sixteen (416) work-integrated learning hours and all other requirements as specified in the study guide completed for admission to Nursing Practicum (NUGP2624) must be submitted on the dates as stated in the module guides.

Third-year students

Proof of completion of a minimum of six hundred and seventy-two (672) work-integrated learning hours and all other requirements as specified in the study guide completed for admission to Nursing Practicum (NUGP3724) and Midwifery Practicum (NUMP3724) must be submitted on the dates as stated in the module guides.

Fourth-year students

Proof of completion of a minimum of seven hundred and thirty-six hours (736) work-integrated learning hours and all other requirements as specified in the study guide completed for admission to Midwifery Practicum (NUMP4808) must be submitted on the dates as stated in the module guides.

Readmission Appeals

Students who do not comply with the requirements of their programme for promotion to the following year of study, and are excluded from the programme, as stipulated within the respective programmes' progression rules, must apply for readmission to the programme not later than five (5) days after the final progression results have been announced to the Faculty Student Administration. Such applications will be considered by the Faculty Readmission Appeals Committee.

NUR6 QUALIFICATION WITH DISTINCTION

2024 UFS General Rule A19.

NUR7 REGISTRATIONS WITH THE SOUTH AFRICAN NURSING COUNCIL

Students in Nursing are required to register with the South African Nursing Council as learners. Registration as learners must occur within 60 days of commencement. The School of Nursing is responsible for registering the students as learners. The UFS will inform the SANC of student misconduct.

After successful completion of the Bachelor of Nursing and meeting the minimum requirements prescribed for the education and training as a Professional Nurse and Midwife, the School of Nursing will lodge a completed application for the student for registration in the category Community Service with the South African Nursing Council.

NUR8 PRESENTATION OF MODULES AND PRECONDITIONS

Students need to register for NUGT1514 and NUGP1512 simultaneously the first time.

Students need to register for NUGT1524 and NUGP1522 simultaneously the first time.

Students need to register for NUMT2614 and NUMP2614 simultaneously the first time.

Students need to register for NUGT2624 and NUGP2624 simultaneously the first time.

Students need to register for NUGT3714 and NUGP3712 simultaneously the first time.

Students need to register for NUPT3712 and NUPP3712 simultaneously the first time.

Students need to register for NUGT3724 and NUGP3724 simultaneously the first time.

Students need to register for NUMT3724 and NUMP3724 simultaneously the first time.

Students need to register for NUGT4814 and NUGP4814 simultaneously the first time.

Students need to register for NUMT4814, NUMT4824, and NUMP4808 simultaneously the first time.

FRMB2612 and FRMB2622: Precondition for final-year registration.

MCBH2614 (Microbiology): Precondition for MCBH2624 (Microbiology).

NUMP3724 (Midwifery Practicum): Precondition for NUMP4808 (Midwifery Practicum).

NURP4814: Ethics approved research proposal is required.

LEARNING CONTENT

NUR9 LEARNING PROGRAMME (CURRICULUM)

First-year					
First semester			Second semester		
Module code	Module	Credits	Module code	Module	Credits
NUGT1514	General Nursing Theory	16	NUGT1524	General Nursing Theory	16
NUGP1512	General Nursing Practicum	8	NUGP1522	General Nursing Practicum	8
NUET1512	Ethics	8	BMNT1524	Human Anatomy and Physiology Theory	16
SOCI1532	Sociology	8	BMNP1523	Human Anatomy and Physiology Practicum	12
MCBH2614	Microbiology	16	MCBH2624	Microbiology	16
Semester total		56	Semester total		68
Subtotal					124

*UFSS1504 is a compulsory module for all students registering for a first qualification at the UFS (General rule A12.7). It contributes an additional 16 credits to the minimum required credits for this qualification.

A minimum of two hundred and twenty-four (224) work-integrated learning (WIL) hours are required of first-year students.

Second-year					
First semester			Second semester		
Module code	Module	Credits	Module code	Module	Credits
NUMT2614	Midwifery Theory	16	NUGT2624	General Nursing Theory	16
NUMP2614	Midwifery Practicum	16	NUGP2624	General Nursing Practicum	16
FRMB2612	Pharmacology	8	FRMB2622	Pharmacology	8
BMNT2614	Human Anatomy and Physiology Theory	16	NUPT2624	Mental Health Theory	16
BMNP2613	Human Anatomy and Physiology Practicum	12			
Semester total		68	Semester total		56
Subtotal					124

A minimum of four hundred and sixteen (416) work-integrated-learning (WIL) hours are required of second-year students.

Third-year					
First semester			Second semester		
Module code	Module	Credits	Module code	Module	Credits
NUGT3714	General Nursing Theory	16	NUGT3724	General Nursing Theory	16
NUGP3714	General Nursing Practicum	16	NUGP3724	General Nursing Practicum	16
NURT3712	Nursing Research Methodology Theory	8	NUMT3724	Midwifery Theory	16
NUPT3712	Mental Health Theory	8	NUMP3724	Midwifery Practicum	16
NUPP3712	Mental Health Practicum	8			
Semester total		56	Semester total		64
Subtotal					120

A minimum of six hundred and seventy-two (672) work-integrated learning (WIL) hours are required of third-year students.

Fourth-year					
First semester			Second semester		
Module code	Module	Credits	Module code	Module	Credits
NUGT4814	General Nursing Theory	16	NUMT4824	Midwifery Theory	16
NUGP4814	General Nursing Practicum	16	SOCI4824	Organizational Sociology	16
NUMT4814	Midwifery Theory	16	NUAT4824	Management	16
NUMP4808	Midwifery Practicum	32			
NURP4814	Nursing Research Methodology Practicum	16			
Semester total		96	Semester total		48
Subtotal					144

A minimum of seven hundred and thirty-six hours (736) work-integrated learning (WIL) hours are required of fourth-year students.

NUR10 DURATION OF THE PROGRAMME

Students who have not completed their studies in the minimum time, plus two (2) years (calculated from the date of first registration with the UFS), will not be allowed to complete their studies without the permission of the Dean of the Faculty of Health Sciences [General Rule A14].

NUR11 LEARNING CONTENT

The themes of the theoretical modules, the scope of examination papers and the credits are outlined in the following table.

TABLE: Themes of modules and the scope of papers and credits

Modules and papers	Themes	Credits
<p>General Nursing Theory NUGT1514 One paper of 3 hours</p>	<ul style="list-style-type: none"> Epidemiology and Determinants of Health Nursing Frameworks and the nursing process Environmental safety and infection control Communication techniques and establishing rapport Vital signs Mobility, Nutrition and Hygiene Elimination Working and playing (teamwork,), normal development of play Comfort, pain, and rest Sharing of information to promote health and prevent illness Death and dying Coping mechanisms and life skills (aspect of health, loss, and illness) Sexuality, development of gender identity and sexual orientation 	16
<p>General Nursing Practicum NUGP1512 OSCE</p>	<ul style="list-style-type: none"> Basis healthcare needs (history, physical examination, side room investigations, laboratory findings) Interpret assessment findings Plan and implement nursing care Vital signs: Blood pressure measurement, Temperature measurement, Oxygen saturation, Pulse/Respiratory Mobility: Body mechanism, mobilisation of patient without aids, bed positions and prevention of pressure injuries Hygiene: bed bath, hair care, oral care, nail care, shaving of a male patient, foot care Nutrition: Insert nasogastric tube and nasogastric feeding, feeding of frail patient, fluid balance Elimination: catheterisation and catheter care, administration of suppository/enema, physical and chemical analysis of urine sample Aseptic principles: hand washing, gloving, use a prepacked sterile tray, i.e., wound care closed wound, inserting catheter Infection control measures Range of movement Lay out a corpse Gathering of survey data 	8
<p>Ethics NUET1512 One paper of 2 hours</p>	<ul style="list-style-type: none"> Code of ethics Human rights Patient rights Professional role and conduct Health legislation Batho Pele principles Role and function of the South African Nursing Council 	8
<p>Sociology SOCI1532 Continuous assessment</p>	<ul style="list-style-type: none"> An introduction to sociology and the application to nursing Culture Social structure and the medical institution Population and health status 	8
<p>Microbiology MCBH2614 One paper of 3 hours</p>	<ul style="list-style-type: none"> Aspects of the development of microbiology Groups of microorganisms and their symbiotic relationships Overview of viruses Aseptic techniques and differentiate between important microorganisms Microbial cell growth and death Control and eliminate microbial growth Mechanism and principles of immunity 	16

Modules and papers	Themes	Credits
<p>General Nursing Theory NUGT1524 One paper of 3 hours</p>	<ul style="list-style-type: none"> • Epidemiology • Record keeping, keeping statistics • Immunisation (EPI) • Childhood illnesses (IMCI) • Nutrition / Malnutrition • Ear, nose, and throat condition (mastoiditis, chronic ear infection) • Helminth infections • Infant/child HIV and AIDS • Fever: Meningitis, Malaria • Respiratory conditions: Pneumonia, cough and cold, asthma in a child • Diarrhoea: Dehydration, dysentery • Anaemia • Skin conditions • Anaphylaxis • Dispensing • Milestone development • Breastfeeding 	16
<p>General Nursing Practicum NUGP1522 OSCE</p>	<ul style="list-style-type: none"> • Assessment of a patient (history taking, physical examination, side room investigation, collecting appropriate samples for laboratory testing) • Interpretation of assessment findings • Classify and treat according to IMCI guidelines • Weigh and measure • Mid-upper arm circumference (MUAC) • Z-score • Head circumference • Milestone development • Basic life support for infant and children/choking • Dispense medication under supervision • Injection/immunisation • Breastfeeding techniques • Administer oral medication to a child • Ear wiggling • Oxygen therapy/nebulisation/spacer • Finger/heel prick blood specimen (PCR, glucose, Hb) • Tuberculin administration • Ear examination 	8
<p>Human Anatomy and Physiology Theory BMNT1524 One paper of 3 hours</p>	<ul style="list-style-type: none"> • Anatomy and organisation of the body • Physiological chemistry and processes • Cells and tissues • The blood • Introduction to nutrition • The skin • The musculoskeletal system • Introduction to genetics 	16
<p>Human Anatomy and Physiology Practicum BMNP1523 One paper of 30 minutes</p>	<ul style="list-style-type: none"> • Osteology • The articular system • The muscular system 	12

Modules and papers	Themes	Credits
<p>Microbiology MCBH2624 One paper of 3 hours</p>	<ul style="list-style-type: none"> Adaptive immunity, immunisation, and immune testing Epidemiology and nosocomial infections Antimicrobial drugs and antimicrobial drug resistance Pathogenicity and virulence Infectious diseases and their transmission Eukaryotic pathogens: fungal and parasitic diseases Incidence of TB, Influenza, Malaria and HIV in South Africa Aseptic techniques to investigate normal microbiota of the human body, microbiota in the environment and food; the effect of antimicrobial drugs on the growth of different microbial species 	16
<p>Midwifery Theory NUMT2614 One paper of 3 hours</p>	<ul style="list-style-type: none"> Epidemiology Recordkeeping, data management system Preconception care Maternal HIV and AIDS care/prevention of mother to child transmission (PMTCT) Contraception Medical eligibility criteria Miscarriage and termination of pregnancy Sexually transmitted infections (STI) Menstrual disorders Infertility HIV+ mothers/couples Urogenital infections/conditions Sexual violence and abuse Applicable legislation and policies (TOP, violence against women and children) 	16
<p>Midwifery Practicum NUMP 2614 OSCE</p>	<ul style="list-style-type: none"> Assessment of a patient (subjective and objective) Interpretation of assessment findings Diagnose and treat according to best practice guidelines Female and male genital examination (pelvic examination, PAP smear) HIV pre and post-test counselling HIV rapid testing Blood sampling Midstream and closed urine sample collection Prostrate examination (rectal examination) Mammogram screening (Breast examination) Testicular examination Abdominal examination Starting an intravenous line 	16
<p>Basic Pharmacology FRMB2612 One paper of 2 hours</p>	<ul style="list-style-type: none"> Pharmacokinetics and Pharmacodynamics Routes of administration and formulation Antibiotics Antifungal drugs Antiviral and anthelmintic drugs Anti-tuberculosis drugs Protozoal infections (including malaria) and Rickettsia Narcotic and non-narcotic analgesics Diuretics Fluids and electrolytes Contraception and hormone replacement therapy Antidiabetic drugs Antihistamines Haematological drugs Pituitary, hypothalamus, and thyroid hormones Adrenal gland pharmacology Vitamins Vaccines 	8

Modules and papers	Themes	Credits
<p>Human Anatomy and Physiology Theory BMNT2614 One paper of 3 hours</p>	<ul style="list-style-type: none"> • Cardiovascular system • Respiratory system • Nervous system • Special senses • Urinary system • Endocrine system • Lymphatic system • Digestive system and metabolism • Reproductive systems 	16
<p>Human Anatomy and Physiology Practicum BMNP2613 One paper of 30 minutes</p>	<ul style="list-style-type: none"> • Cardiovascular system • Respiratory system • Nervous system • Special senses • Urinary system • Endocrine system • Lymphatic system • Digestive system • Reproductive systems 	12
<p>General Nursing Theory NUGT2624 One paper of 3 hours</p>	<ul style="list-style-type: none"> • Irreversible airflow limitations (chronic bronchitis, emphysema, asthma) • Tuberculosis • Adult HIV and AIDS • Endocrinology: Diabetes Mellitus, thyroid • Musculoskeletal: osteo-arthritis, osteoporosis • Ophthalmology: red eye, vision acuity, glaucoma • Hypertension • Chest pain, oesophagitis, reflux, angina, gastritis, gastric ulcer, duodenal ulcer epidemiology recordkeeping, keeping statistics, legislation • Ethics, safety of patients, professional conduct, leadership, basic life support • Infection control measures 	16
<p>General Nursing Practicum NUGP 2624 OSCE</p>	<ul style="list-style-type: none"> • Subjective and objective assessment of the patient (GOSH) • Diagnose and implement nursing care according to applicable best practices and national guidelines • Physical examination of the respiratory system and thyroid • TB filing • Collect sputum specimen • Visual acuity test, cleansing of the eye, penetrating object in the eye, foreign object in the eye, eye irrigation, installing eye drops and ointment • Foot care • Bandaging techniques • Basic life support of the adult 	16

Modules and papers	Themes	Credits
<p>Basic Pharmacology FRMB2622 One paper of 2 hours</p>	<ul style="list-style-type: none"> • Autonomic nervous system pharmacology • Cardiovascular pharmacology • Respiratory pharmacology • Neuropsychiatric pharmacology • Gastrointestinal pharmacology • Skin pharmacology • Urogenital pharmacology • Ocular pharmacology • Cancer chemotherapy • Trauma and emergency drugs • Drug use in elderly, pregnancy, and lactation • Pharmacogenetics • Clinical toxicology/poisoning • Therapeutic drug monitoring • Drug abuse and dependence • Anaesthesiology • Drug interactions and side effects • Drug regulation and prescribing 	8
<p>Mental Health Theory NUPT2624 One paper of 3 hours</p>	<ul style="list-style-type: none"> • Assessment of mental health of a person • Strategies to promote mental health 	16

Modules and papers	Themes	Credits
<p>General Nursing Theory NUGT3714 One paper of 3 hours</p>	<p>Preoperative:</p> <ul style="list-style-type: none"> • Types of surgery • Baseline information and risk factors • Complications of anaesthesia and surgery • Bio-psychosocial response to surgery • Education to patient • Documentation • Provision of special needs of the young, elderly, obese and diabetics <p>Intraoperative:</p> <ul style="list-style-type: none"> • Role and responsibility of members in team • High risk areas, e.g., positioning, temperature, infection • Complications during surgery • Nursing interventions to enhance safety of patient • Sample taking • Human tissue legislation <p>Postoperative:</p> <ul style="list-style-type: none"> • Immediate care/needs-recovery room • Care/needs in the ward • Guidelines about handover • Pain management • Hemodynamic status • Different kinds of shock • Organ damage • Documentation • Fluid/blood replacement provision of special needs of the young, elderly, obese and diabetics <p>Wound care:</p> <ul style="list-style-type: none"> • Assessment of a patient with a wound • Anatomy and physiology of the skin • Physiology of wound healing • Wound bed preparation • Dressing decision making <p>Burns:</p> <ul style="list-style-type: none"> • Assessment • Emergency care and emergency room management • Three periods of a major burn • Pathophysiology • Complications • Learning needs of patients • Wound care products <p>Vascular insufficiency</p> <ul style="list-style-type: none"> • Arterial insufficiency • Venous insufficiency • Diabetic foot <p>Ophthalmic conditions related to surgery:</p> <ul style="list-style-type: none"> • Cataract surgery • Trabeculectomy • Trabeculectomy • Retinal detachment • Corneal transplant • Management of the blind person 	<p>16</p>

Modules and papers	Themes	Credits
General Nursing Practicum NUGP 3714 OSCE	<ul style="list-style-type: none"> • Subjective and objective assessment of the patient • Plan and implement comprehensive nursing care in collaboration with the interprofessional healthcare team • Aseptic principles • Sterile tray • Administration of oral medication • Central venous pressure • Pain control analgesia • Basic wound care • Wound swab • Wound irrigation and plugging • Drain shortening • Sutures and clips • Ankle-brachial pressure index • Compression bandaging technique • Manage a patient with a slow to heal chronic wound • Sharp object in the eye • Donning theatre gown and gloves • Assist the surgeon during caesarean section 	16
Nursing Research Methodology Theory NURT3712 Research proposal	<ul style="list-style-type: none"> • Rudimentary elements of research • Plan a research project with limited scope within a team 	8
Mental Health Theory NUPT3712 One paper of 2 hours	<ul style="list-style-type: none"> • Treatment of individuals and groups with common psychiatric disorders, including intellectual disability 	8
Mental Health Practicum NUPP 3712 Continuous assessment	<ul style="list-style-type: none"> • Psychiatric assessment of the patient • Therapeutic interview with the patient • Assessment of an intellectually disabled person • Stimulation of an intellectually disabled person • Making an educational toy for an intellectually disabled child • Therapeutic group 	8

Modules and papers	Themes	Credits
<p>General Nursing Theory NUGT3724 One paper of 3 hours</p>	<p>Cardiology</p> <ul style="list-style-type: none"> • ECG • Stable angina • Acute coronary syndrome • Myocardial infarction • Heart failure • Pulmonary embolism <p>Pulmonary</p> <ul style="list-style-type: none"> • Arterial blood gasses • Respiratory failure • Acute respiratory distress syndrome • Ventilation methods • Ventilator settings • Extubation criteria • Pulmonary oedema • Lung biopsy • Pneumothorax • Flail chest • Pneumonectomy • Under water drainage <p>Gastrointestinal</p> <ul style="list-style-type: none"> • Hepatitis • Cirrhosis • Cholecystitis • Surgical interventions • Acute abdominal pain • Irritable bowel syndrome • Appendicitis • Peritonitis • Pancreatitis • Inflammatory bowel diseases • Intestinal obstruction • Kidney stones • Ostomies • Diverticulosis • Diverticulitis • Aneurism <p>Musculoskeletal</p> <ul style="list-style-type: none"> • Knee and hip replacements • Fractures 	<p>16</p>
<p>General Nursing Practicum NUGP3724 OSCE</p>	<ul style="list-style-type: none"> • Electrocardiography • Cardiopulmonary resuscitation • Defibrillation • Artificial airways • Intubation • Mechanical ventilation • Suctioning • Underwater drain • Emergency care of Haemorrhage • Evisceration • Emergency care of fractures • Emergency care of soft tissue injuries • Mobilisation of orthopaedic patient with aids • Traction 	<p>16</p>

Modules and papers	Themes	Credits
<p>Midwifery Theory NUMT3724 One paper of 3 hours</p>	<ul style="list-style-type: none"> • History and context midwifery and respectful care • Applied maternal anatomy and physiology • Systemic approach and WHO signal functions • Antenatal care • Foetal development • Medical conditions in pregnancy • Waiting homes • Teenager pregnancies • National guidelines legislation and protocol. 	16
<p>Midwifery Practicum NUMP3724 OSCE</p>	<ul style="list-style-type: none"> • Assessment (history taking, physical assessment, side room investigations) a pregnant woman and manage according to best available evidence • Palpation of abdomen during pregnancy • Calculate date of birth • Ultrasound • Determine fundal height • Foetal heartbeat • Amnion-synthesis • Pelvic assessment • Antenatal preparation class 	16
<p>General Nursing Theory NUGT4814 One paper of 3 hours</p>	<p>Nephrology:</p> <ul style="list-style-type: none"> • Functions of the kidney • Types of renal failure • Treatment options <p>Neurology:</p> <ul style="list-style-type: none"> • Suppressed consciousness • Raised intracranial pressure • Degenerative neurological conditions • Brain death • Organ donation • Epilepsy • Stroke • Headache • Surgery • Intracranial bleeding • Paralysis • Spinal cord injury • Geriatric care <p>Paediatric ICU</p> <ul style="list-style-type: none"> • Synergy model of paediatric ICU patient • Working with children of different developmental stages • Issues related to children and critical care units • Stress responses and coping of children and families admitted to ICU • Paediatric pain management • Communication in critical care units • Principles of caring for terminally ill or dying children 	16
<p>General Nursing Practicum NUGP 4814 OSCE</p>	<ul style="list-style-type: none"> • Managing a patient with kidney diseases • Peritoneal dialysis • Neurological assessment • Secondary trauma assessment • Poisoning, bites and stings • Immobilisation of trauma patient • Cardiopulmonary resuscitation of a paediatric patient • Pain assessment of a paediatric patient Communicating bad or life-altering news to patients and/or their families 	16

Modules and papers	Themes	Credits
<p>Midwifery Theory NUMT4814 One paper of 3 hours</p>	<ul style="list-style-type: none"> • Physiological and psychological changes during birth • Monitor birth progression • Monitor foetal well-being (cardiotocograph) • Mechanism of birth • Malposition (face presentation, face-to-pubis; brow presentation; oblique lie) • Prolonged labour (related to the 4 “P”) • Obstructed labour (mid-pelvis arrest; outlet arrest; cephalo-pelvic disproportion) • Assisted births • Management of 3rd stage of labour • Sensitive caesarean section • Obstetric emergencies: cord prolapse, shoulder dystocia, breech birth, twin births • Pain relief • Neonatal assessment • Help babies breathe • Premature birth • Hypertensive conditions (PET; Eclampsia chronic hypertension and HELLP syndrome) • DIC (disseminated intravascular coagulation) • Intra-uterine death • National guidelines legislation and protocol 	16
<p>Midwifery Practicum NUMP 4808 OSCE</p>	<ul style="list-style-type: none"> • Perform a subjective and objective assessment of the pregnant women • Monitor the well-being of the pregnant women and foetus • Implement midwifery care to address healthcare needs of the pregnant woman, infant and family during birth and postnatal phase • Perform a subjective and objective assessment of the pregnant women and foetus who are high risk for complications • Monitor the well-being of the pregnant women and foetus who are at high risk for complications • Implement midwifery care to address healthcare needs of the pregnant woman, infant and family who are at high risk for complications during birth and postnatal phase • Assist mother during normal birth • Connect and interpret cardiotocograph reading • Monitor progression through first stage of labour • Assess new-born baby • Help babies breathe • Suture perineal tear • Examine placenta • Manage lactation • Examination of the new-born baby • Bath the new-born baby • Essential steps in managing obstetric emergencies • Maternal resuscitation • Active 3rd stage • Nasogastric feeding of neonate • Oxygen therapy for a neonate • Care of an incubator • Kangaroo care • Initiate neonatal IV • Health dialogue 	32
<p>Management NUAT4824 One paper of 3 hours</p>	<ul style="list-style-type: none"> • Management process • Advocacy • Shared leadership • Shared decision making • Leadership styles • Mentoring/precepting techniques 	16

Modules and papers	Themes	Credits
Nursing Research methodology Practicum NURP4814 Research group project	<ul style="list-style-type: none"> • Implement research • Analyse research data • Disseminate research findings through a presentation as well as written research report 	16
Midwifery Theory NUMT4824 One paper of 3 hours	<ul style="list-style-type: none"> • Assess and manage complications during pregnancy, birth, and postpartum phase according to national and international best practice guidelines • National guidelines legislation and protocol 	16
Organisational Sociology SOCI4824 Continuous assessment	<ul style="list-style-type: none"> • The world of organisational behaviour • A sociological approach to organisation • Individual behaviour • Group and social processes • Organisational issues and processes 	16