

**UNIVERSITY OF THE FREE STATE**

**FACULTY OF HEALTH SCIENCES**

**RULE BOOK**

**SCHOOL OF NURSING**

**UNDERGRADUATE QUALIFICATION**

**2021**



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**NB: The last intake for the Bachelor of Social Sciences in Nursing [BSocSci (Nursing)] was in 2019.**

**No disclosure of marks, student information or discussion of students' performance will be done with parents or other third parties without written permission by the student in order to protect the personal information of the student.**

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

This Rule Book applies to first-time Bachelor of Nursing students of 2021. The information in this Rule Book may be different for students starting in other years. This Rule Book is accurate at the time of online publication. It may be necessary to make changes in certain circumstances. An amended Rule Book will then be uploaded on the School of Nursing, UFS website [https://apps.ufs.ac.za/dl/yearbooks/336\\_yearbook\\_eng.pdf](https://apps.ufs.ac.za/dl/yearbooks/336_yearbook_eng.pdf). This Rule Book must be read together with the 2021 General Rules of the UFS available on [https://www.ufs.ac.za/docs/default-source/policy-institutional-documents/2021-general-rules.pdf?sfvrsn=97dcb421\\_0](https://www.ufs.ac.za/docs/default-source/policy-institutional-documents/2021-general-rules.pdf?sfvrsn=97dcb421_0).

## **CONTACT PERSONS**

You may contact one of the following people should you have queries about the undergraduate programme of the School of Nursing:

### **PROGRAMME DIRECTOR**

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# STAFF

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DEAN, HEAD OF THE SCHOOL, PROGRAMME DIRECTOR, COORDINATORS, ADMINISTRATIVE OFFICER:

**DEAN:**

Prof G van Zyl

**HEAD: SCHOOL OF NURSING**

Prof M Mulder

**PROGRAMME DIRECTOR**

Dr A Fichardt

**ADMINISTRATIVE OFFICER: UNDERGRADUATE**

Mrs J Klopper

**NURSING: FIRST-YEAR COORDINATOR**

Mrs A Welman

**NURSING: SECOND-YEAR COORDINATOR**

Dr L Hugo-Van Dyk

**NURSING: THIRD-YEAR COORDINATOR**

Mrs M Pienaar

**PSYCHIATRIC NURSING COORDINATOR**

Dr I Venter

**MIDWIFERY COORDINATOR**

Mrs E Bekker

## **DEFINITIONS**

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Refer to the UFS General Rules 2021 for the definition of terms to ensure clarity and uniform interpretation.

**Programme code: H8490**

**Plan code: BC849000**

**Degree code: 849000**

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## **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 of 43.11% contact, student and assessment time that constitutes theory and 56.89% work integrated learning (WIL). A total of 2080 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 life span, in a variety of healthcare settings and communities in response to population needs.
- Effectively manage the healthcare unit and health facility with the understanding of the roles and relationships within the multidisciplinary team.
- Access, produce and manage information effectively in order 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.

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<sup>1</sup> 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  
School of Nursing: Rule Book 2021, Faculty of Health Sciences, UFS

- 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*.

## **NQF LEVEL DESCRIPTORS**

The NQF level 8 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 to 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 which effectively address his or 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 or her work, decision-making and 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 in the provision of 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 (NBT's) are compulsory for all prospective first-year students. If the stipulated requirements of the NBT's have not been met, registration for the applicable language development modules is compulsory (General Rule A3.9).

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 A3.1 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 Sciences	5 (60%) 4 (50%)

A person who does not qualify can apply for admission to a Bachelor of Nursing qualification according to General Rule A3.8 in terms of a process of recognition of prior learning (RPL).

### **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 particular examination. Special arrangements will, however, be made if sessions are missed for acceptable reasons.
- 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 additional examination, except when the Dean decides otherwise.

### **NUR3 READMISSION AND PROGRESS**

General Rules A3.10 and A3.11 apply.

- (a) The scope and the 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 are 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) It is compulsory for students who were referred to the Division Student Learning and Development to attend these 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 in health care 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**

**General Rule A9 applies.**

- a) If a module is comprised of two theoretical papers, a subminimum of 40% per paper and a combined mark of 50% must be obtained in the same examination opportunity.
- b) Promotion does not take place in any Nursing module.
- c) The module mark of a practical module contributes 50% and the examination mark 50% to the combined mark. A subminimum of 50% must be obtained in the practical examination.

- d) Students who fail the final-year module Midwifery Practicum (NUMP4808) may be assessed after 6 months. In such cases they register for NUMP4810.
- e) If a student does not qualify for admission to the main OSCE, admission for the additional OSCE can only occur with the recommendation of the Head of the School.
- f) 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 last Monday before the commencement of the end of the year examination date.

#### *Second-year students*

Proof of the completion of four hundred and forty-eight (448) 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 last Monday before the commencement of the end of the year examination date.

#### *Third-year students*

Proof of the completion 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 last Monday before the commencement of the end of year examination date.

#### *Fourth-year students*

Proof of the completion 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 last Monday before the commencement of the end of the year examination date.

### **NUR6 QUALIFICATION WITH DISTINCTION**

General Rule A10 of the UFS applies.

### **NUR7 REGISTRATIONS WITH THE SOUTH AFRICAN NURSING COUNCIL**

Students in Nursing are compelled 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 having met 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: Pre-condition for final-year registration

NURP4814: Ethics approved research proposal is required

MCBH2614 (Microbiology) is a pre-condition for MCBH2624 (Microbiology)

## 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 A3.9 f (ii)). It contributes an additional 16 credits to the minimum required credits for this qualification.

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

<b>Second year</b>					
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

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

<b>Third year</b>					
First semester			Second semester		
Module code	Module	Credits	Module code	Module	Credits
NUGT3714	General Nursing Theory	16	NUGT3724	General Nursing Theory	16
NUGP3712	General Nursing Practicum	8	NUGP3724	General Nursing Practicum	16
NURT3714	Nursing Research Methodology Theory	16	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

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

<b>Fourth year</b>					
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

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 A5(a)].

## **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**

<b>Modules and papers</b>	<b>Themes</b>	<b>Credits</b>
General Nursing Theory NUGT1514 One paper of 3 hours	<ul style="list-style-type: none"> <li>• Environmental safety</li> <li>• Communication techniques and establishing rapport</li> <li>• Vital sign</li> <li>• Mobility</li> <li>• Nutrition</li> <li>• Hygiene</li> <li>• Excretion</li> <li>• Working and playing (teamwork, problem solving, time management)</li> <li>• Sexuality</li> <li>• Sleeping</li> <li>• Sharing of information to promote health and prevent illness</li> <li>• Death and dying</li> </ul>	16

Modules and papers	Themes	Credits
	<ul style="list-style-type: none"> <li>Coping mechanisms and life skills (aspect of health, loss and illness, stress, anxiety, failure, depression, interpersonal conflict)</li> </ul>	
General Nursing Practicum NUGP 1512 OSCE	<ul style="list-style-type: none"> <li>Basis healthcare needs (history, physical examination, side room investigations, laboratory findings)</li> <li>Interpret assessment findings</li> <li>Plan and implement nursing care</li> <li>Vital signs: Blood pressure measurement, Temperature measurement, Oxygen saturation</li> <li>Mobility: Body mechanism, mobilisation of patient without aids, bed positions</li> <li>Hygiene: bed bath, hair care, oral care, nail care, shaving of the male patient, foot care</li> <li>Nutrition: Insert nasogastric tube and nasogastric feeding, feeding of frail patient, fluid balance</li> <li>Excretion: catheterisation and catheter care, administration of suppository/enema, test urine with dipstix,</li> <li>Aseptic principles: hand washing, gloving, use a prepacked sterile tray i.e. wound care closed wound, inserting catheter</li> <li>Infection control measures</li> <li>Lay out a corpse</li> </ul>	8
Ethics NUET1512 One paper of 3 hours	<ul style="list-style-type: none"> <li>Code of ethics</li> <li>Human rights</li> <li>Patient rights</li> <li>Professional role and conduct</li> <li>Health legislation</li> <li>Batho Pele principles</li> <li>Role and function of the South African Nursing Council</li> </ul>	8
Sociology SOC11532 Continuous assessment	<ul style="list-style-type: none"> <li>An introduction to sociology and the application to nursing</li> <li>Culture</li> <li>Social structure and the medical institution</li> <li>Population and health status</li> </ul>	8
Microbiology MCBH2614 One paper of 3 hours	<ul style="list-style-type: none"> <li>Aspects of the development of microbiology;</li> <li>Groups of microorganisms and their symbiotic relationships;</li> <li>Overview of viruses;</li> <li>Aseptic techniques and differentiate between important microorganisms;</li> <li>Microbial cell growth and death;</li> <li>Control and eliminate microbial growth</li> <li>Mechanism and principles of immunity.</li> </ul>	16
General Nursing Theory NUGT1524 Two papers of 2 hours each	<ul style="list-style-type: none"> <li>Epidemiology,</li> <li>Record keeping, keeping statistics,</li> <li>Immunisation (EPI)</li> <li>Childhood illnesses (IMCI)</li> <li>Nutrition / Malnutrition</li> <li>Ear, nose and throat condition (Mastoiditis, chronic ear infection)</li> <li>Helminth infections</li> <li>Infant/child HIV and AIDS</li> <li>Fever: Meningitis, Malaria,</li> </ul>	16

Modules and papers	Themes	Credits
	<ul style="list-style-type: none"> <li>• Respiratory conditions: Pneumonia, Cough and cold, Asthma in the child</li> <li>• Diarrhoea: Dehydration, dysentery</li> <li>• Anaemia</li> <li>• Skin conditions</li> <li>• Anaphylaxis</li> <li>• Dispensing</li> <li>• Milestone development</li> <li>• Breastfeeding</li> <li>• Help babies breathe</li> </ul>	
General Nursing Practicum NUGP 1522 OSCE	<ul style="list-style-type: none"> <li>• Assessment of a patient (history taking, physical examination, side room investigation, collecting appropriate samples for laboratory testing)</li> <li>• Interpretation of assessment findings</li> <li>• Classify and treat according to IMCI guidelines</li> <li>• Weigh and measure</li> <li>• MUAC</li> <li>• Z-score</li> <li>• Head circumference</li> <li>• Milestone development</li> <li>• Basic life Support for infant and children / choking</li> <li>• Dispense medication under supervision</li> <li>• Injection /immunisation</li> <li>• Breastfeeding techniques</li> <li>• Administer oral medication to a child</li> <li>• Ear wiggling</li> <li>• Oxygen therapy/nebulisation/spacer</li> <li>• Finger/heel prick blood specimen (PCR, glucose, Hb)</li> <li>• Tuberculin administration</li> <li>• Ear examination</li> </ul>	8
Human Anatomy and Physiology Theory BMNT1524 One paper of 3 hours	<ul style="list-style-type: none"> <li>• Anatomy and organisation of the body</li> <li>• Physiological chemistry and processes</li> <li>• Cells and tissues</li> <li>• The blood</li> <li>• Introduction to nutrition</li> <li>• The skin</li> <li>• The musculoskeletal system</li> <li>• Introduction to genetics</li> </ul>	16
Human Anatomy and Physiology Practicum BMNP1523 One paper of 30 minutes	<ul style="list-style-type: none"> <li>• Osteology</li> <li>• The articular system</li> <li>• The muscular system</li> </ul>	12
Microbiology MCBH2624 One paper of 3 hours	<ul style="list-style-type: none"> <li>• Adaptive immunity, immunization and immune testing</li> <li>• Epidemiology and nosocomial infections;</li> <li>• Antimicrobial drugs and antimicrobial drug resistance</li> <li>• Pathogenicity and virulence</li> <li>• Infectious diseases and their transmission</li> <li>• Eukaryotic pathogens: fungal and parasitic diseases</li> <li>• Incidence of TB, Influenza, Malaria and HIV in South Africa</li> <li>• Aseptic techniques to investigate: normal microbiota of the human body, microbiota</li> </ul>	16



Modules and papers	Themes	Credits
	<ul style="list-style-type: none"> <li>• in the environment and food; the effect of antimicrobial drugs on the growth of different</li> <li>• microbial species</li> </ul>	
<p>Midwifery Theory NUMT2614 One paper of 3 hours</p>	<ul style="list-style-type: none"> <li>• Epidemiology,</li> <li>• Record keeping, data management system,</li> <li>• Preconception care</li> <li>• Maternal HIV and AIDS care / prevention of mother to child transmission (PMTCT)</li> <li>• Contraception</li> <li>• Medical eligibility criteria</li> <li>• Miscarriage and termination of pregnancy</li> <li>• Sexually transmitted infections (STI)</li> <li>• Menstrual disorders</li> <li>• Infertility HIV+ mothers/couples</li> <li>• Urogenital infections/ conditions</li> <li>• Sexual violence and abuse</li> <li>• Applicable legislation and policies (TOP, violence against women and children),</li> <li>• Development of gender identity and sexual orientation related to maternal and child health</li> </ul>	16
<p>Midwifery Practicum NUMP 2614 OSCE</p>	<ul style="list-style-type: none"> <li>• Assessment of a patient (subjective and objective)</li> <li>• Interpretation of assessment findings</li> <li>• Diagnose and treat according to best practice guidelines</li> <li>• Female and male genital examination (pelvic examination, PAP smear)</li> <li>• HIV pre and post-test counselling</li> <li>• HIV rapid testing</li> <li>• Blood sampling</li> <li>• Midstream and closed urine sample collection</li> <li>• Prostrate examination (rectal examination)</li> <li>• Mammae screening (Breast examination)</li> <li>• Testicular examination</li> <li>• Abdominal examination</li> <li>• Starting an intravenous line</li> </ul>	16
<p>Basic Pharmacology FRMB2612 One paper of 2 hours</p>	<ul style="list-style-type: none"> <li>• Pharmacokinetics and Pharmacodynamics</li> <li>• Routes of administration and formulation</li> <li>• Antibiotics</li> <li>• Antifungal drugs</li> <li>• Antiviral and antihelminthic drugs</li> <li>• Anti-tuberculosis drugs</li> <li>• Protozoal infections (including malaria) and Rickettsia</li> <li>• Narcotic and non-narcotic analgesics</li> <li>• Diuretics</li> <li>• Fluids and electrolytes</li> <li>• Contraception and hormone replacement therapy</li> <li>• Antidiabetic drugs</li> <li>• Antihistamines</li> <li>• Haematological drugs</li> <li>• Pituitary, hypothalamus and thyroid hormones</li> <li>• Adrenal gland pharmacology</li> <li>• Vitamins</li> <li>• Vaccines</li> </ul>	8

<b>Modules and papers</b>	<b>Themes</b>	<b>Credits</b>
Human Anatomy and Physiology Theory BMNT2614 One paper of 3 hours	<ul style="list-style-type: none"> <li>• Cardiovascular system</li> <li>• Respiratory system</li> <li>• Nervous system</li> <li>• Special senses</li> <li>• Urinary system</li> <li>• Endocrine system</li> <li>• Lymphatic system</li> <li>• Digestive system and metabolism and</li> <li>• Reproductive systems</li> </ul>	16
Human Anatomy and Physiology Practicum BMNP2613 One paper of 30 minutes	<ul style="list-style-type: none"> <li>• Cardiovascular system</li> <li>• Respiratory system</li> <li>• Nervous system</li> <li>• Special senses</li> <li>• Urinary system</li> <li>• Endocrine system</li> <li>• Lymphatic system</li> <li>• Digestive system and</li> <li>• Reproductive systems</li> </ul>	12
General Nursing Theory NUGT2624 Two papers of 2 hours each	<ul style="list-style-type: none"> <li>• Irreversible airflow limitations (chronic bronchitis, emphysema, asthma)</li> <li>• Tuberculosis</li> <li>• Adult HIV and AIDS</li> <li>• Endocrinology: Diabetes Mellitus, thyroid</li> <li>• Musculoskeletal: osteo-arthritis, osteoporosis</li> <li>• Ophthalmology: Red eye, vision acuity, glaucoma</li> <li>• Hypertension</li> <li>• Chest pain; oesophagitis, reflux, angina, gastritis, gastric ulcer, duodenal ulcer epidemiology, record keeping, keeping statistics, legislation</li> <li>• Ethics, safety of patients, professional conduct, leadership, basic life support</li> <li>• Infection control measures</li> </ul>	16
General Nursing Practicum NUGP 2624 OSCE	<ul style="list-style-type: none"> <li>• Subjective and objective assessment of the patient (GOSH)</li> <li>• Diagnose and implement nursing care according to applicable best practice and national guidelines</li> <li>• Physical examination of the respiratory system and thyroid</li> <li>• TB filing</li> <li>• Collect sputum specimen</li> <li>• Range of movement</li> <li>• Visual acuity test, cleansing the eye, penetrating object in the eye, foreign object in the eye, eye irrigation, installing eye drops and ointment</li> <li>• Foot care</li> <li>• Bandaging techniques</li> <li>• Basic life support of the adult</li> </ul>	16
Basic Pharmacology FRMB2622 One paper of 2 hours	<ul style="list-style-type: none"> <li>• Autonomic nervous system pharmacology</li> <li>• Cardiovascular pharmacology</li> <li>• Respiratory pharmacology</li> <li>• Neuropsychiatric pharmacology</li> <li>• Gastro-intestinal pharmacology</li> <li>• Skin pharmacology</li> <li>• Urogenital pharmacology</li> <li>• Ocular pharmacology</li> </ul>	8

Modules and papers	Themes	Credits
	<ul style="list-style-type: none"> <li>• Cancer chemotherapy</li> <li>• Trauma and emergency drugs</li> <li>• Drug use in elderly, pregnancy and lactation</li> <li>• Pharmacogenetics</li> <li>• Clinical toxicology / Poisonings</li> <li>• Therapeutic drug monitoring</li> <li>• Drug abuse and dependence</li> <li>• Anaesthesiology</li> <li>• Drug interactions and side effects</li> </ul> <p>Drug regulation and prescribing</p>	
<p>Mental Health Theory NUPT2624 One paper of 2 hours</p>	<ul style="list-style-type: none"> <li>• Assessment of mental health of a person</li> <li>• Strategies to promote mental health</li> </ul>	16
<p>General Nursing Theory NUGT3714 Two papers of 2 hours each</p>	<p><b>Peri-operative care</b></p> <p><b>Preoperative:</b></p> <ul style="list-style-type: none"> <li>• types of surgery</li> <li>• baseline information and risk factors</li> <li>• complications of anaesthesia and surgery</li> <li>• bio-psychosocial response to surgery</li> <li>• education to patient</li> <li>• documentation</li> <li>• provision of special needs of the young, elderly, obese and diabetics</li> </ul> <p><b>Intraoperative:</b></p> <ul style="list-style-type: none"> <li>• role and responsibility of members in team</li> <li>• high risk areas e.g. positioning, temperature, infection</li> <li>• complications during surgery</li> <li>• nursing interventions to enhance safety of patient</li> <li>• sample taking</li> <li>• human tissue legislation</li> </ul> <p><b>Postoperative:</b></p> <ul style="list-style-type: none"> <li>• immediate care / needs-recovery room</li> <li>• care / needs in the ward</li> <li>• guidelines about handover</li> <li>• pain management</li> <li>• hemodynamic status</li> <li>• different kinds of shock</li> <li>• organ damage</li> <li>• documentation</li> <li>• fluid / blood replacement provision of special needs of the young, elderly, obese and diabetics</li> </ul> <p><b>Wound care:</b></p> <ul style="list-style-type: none"> <li>• Assessment of a patient with a wound</li> <li>• Anatomy and physiology of the skin</li> <li>• Physiology of wound healing</li> <li>• Dressing decision making</li> <li>• Wound bed preparation</li> </ul> <p><b>Burns:</b></p> <ul style="list-style-type: none"> <li>• assessment</li> <li>• emergency care and emergency room</li> <li>• management</li> <li>• three periods of a major burn</li> <li>• pathophysiology</li> <li>• complications</li> </ul>	24

Modules and papers	Themes	Credits
	<ul style="list-style-type: none"> <li>• learning needs of patients</li> <li>• Wound care products</li> <li><b>Vascular insufficiency:</b></li> <li>• Arterial insufficiency</li> <li>• venous insufficiency</li> <li>• diabetic foot</li> <li><b>Ophthalmic conditions related to surgery:</b></li> <li>• cataract surgery</li> <li>• trabeculectomy</li> <li>• trabeculectomy</li> <li>• retinal detachment</li> <li>• corneal transplant</li> <li>• management of the blind person</li> </ul>	
General Nursing Practicum NUGP 3712 OSCE	<ul style="list-style-type: none"> <li>• Subjective and objective assessment of the patient</li> <li>• Plan and implement comprehensive nursing care in collaboration with the interprofessional healthcare team</li> <li>• Aseptic principles</li> <li>• Sterile tray</li> <li>• Administration of oral medication</li> <li>• Central venous pressure</li> <li>• Pain control analgesia</li> <li>• Basic wound care</li> <li>• Wound swab</li> <li>• Wound irrigation and plugging</li> <li>• Drain shortening</li> <li>• Sutures and clips</li> <li>• Bandaging</li> <li>• Sharp object in the eye</li> <li>• Donning theatre gown and gloves</li> <li>• Assist the surgeon during caesarean section</li> <li>• Ankle brachial pressure index</li> <li>• Manage a patient a chronic wound</li> <li>• Compression therapy</li> </ul>	8
Nursing Research Methodology Theory NURT3714 Research proposal	<ul style="list-style-type: none"> <li>• Rudimentary elements of research</li> <li>• Plan a research project with limited scope within a team</li> </ul>	16
Mental Health Theory NUPT3712 One paper of 2 hours	<ul style="list-style-type: none"> <li>• Treatment of individuals and groups with common psychiatric disorders, including intellectual disability</li> </ul>	8
Mental Health Practicum NUPP 3712	<ul style="list-style-type: none"> <li>• Psychiatric assessment of the patient</li> <li>• Therapeutic interview with the patient</li> <li>• Assessment of an intellectually disabled person</li> <li>• Stimulation of an intellectually disabled person</li> <li>• Making an educational toy for an intellectually disabled child</li> <li>• Therapeutic group</li> </ul>	8
General Nursing Theory NUGT3724 Two papers of 2 hours each	<b>Cardiology:</b> <ul style="list-style-type: none"> <li>• ECG</li> <li>• Stable angina</li> <li>• Acute coronary syndrome</li> <li>• Myocardial infarction</li> <li>• Heart failure</li> <li>• Pulmonary embolism</li> </ul>	16

Modules and papers	Themes	Credits
	<p><b>Pulmonary:</b></p> <ul style="list-style-type: none"> <li>• Arterial blood gasses</li> <li>• Respiratory failure</li> <li>• Acute respiratory distress syndrome</li> <li>• Ventilation methods</li> <li>• Ventilator settings</li> <li>• Extubation criteria</li> <li>• Pulmonary oedema</li> <li>• Lung biopsy</li> <li>• Pneumothorax</li> <li>• Flail chest</li> <li>• Pneumonectomy</li> <li>• Under water drainage</li> </ul> <p><b>Gastrointestinal:</b></p> <ul style="list-style-type: none"> <li>• Hepatitis</li> <li>• Cirrhosis</li> <li>• Cholecystitis</li> <li>• Surgical interventions</li> <li>• Acute abdominal pain</li> <li>• Irritable bowel syndrome</li> <li>• Appendicitis</li> <li>• Peritonitis</li> <li>• Pancreatitis</li> <li>• Inflammatory bowel diseases</li> <li>• Intestinal obstruction</li> <li>• Kidney stones</li> <li>• Ostomies</li> <li>• Diverticulosis</li> <li>• Diverticulitis</li> <li>• Aneurism</li> </ul> <p><b>Musculoskeletal:</b></p> <ul style="list-style-type: none"> <li>• Knee and hip replacements</li> <li>• Fractures</li> </ul>	
<p>General Nursing Practicum NUGP 3724 OSCE</p>	<ul style="list-style-type: none"> <li>• Electrocardiography</li> <li>• Cardio pulmonary resuscitation</li> <li>• Defibrillation</li> <li>• Artificial airways</li> <li>• Intubation</li> <li>• Mechanical ventilation</li> <li>• Suctioning</li> <li>• Underwater drain</li> <li>• Emergency care of Haemorrhage</li> <li>• Evisceration</li> <li>• Emergency care of fractures</li> <li>• Emergency care of soft tissue injuries</li> <li>• Mobilisation of orthopaedic patient with aids</li> <li>• Traction</li> </ul>	<p>16</p>
<p>Midwifery Theory NUMT3724 One paper of 3 hours</p>	<ul style="list-style-type: none"> <li>• History and context midwifery and respectful care</li> <li>• Applied maternal anatomy and physiology</li> <li>• Systemic approach and WHO signal functions</li> <li>• Antenatal care</li> <li>• Foetal development</li> <li>• Medical conditions in pregnancy</li> <li>• Waiting homes</li> <li>• Teenager pregnancies</li> <li>• National guidelines legislation and protocol</li> </ul>	<p>16</p>

Modules and papers	Themes	Credits
Midwifery Practicum NUMP 3724 OSCE	<ul style="list-style-type: none"> <li>Assessment (history taking, physical assessment, side room investigations) a pregnant woman and manage according to best available evidence</li> <li>Palpation of abdomen during pregnancy</li> <li>Calculate date of birth</li> <li>Ultrasound</li> <li>Determine fundal height</li> <li>Foetal heartbeat</li> <li>Amnion-synthesis</li> <li>Pelvic assessment</li> <li>Antenatal preparation class</li> </ul>	8
General Nursing Theory NUGT4814 One paper of 3 hours	<p><b>Nephrology:</b></p> <ul style="list-style-type: none"> <li>Functions of the kidney</li> <li>Types of renal failure</li> <li>Treatment options</li> </ul> <p><b>Neurology:</b></p> <ul style="list-style-type: none"> <li>Suppressed consciousness</li> <li>Raised intracranial pressure</li> <li>Degenerative neurological conditions</li> <li>Brain death</li> <li>Organ donation</li> <li>Epilepsy</li> <li>Stroke</li> <li>Headache</li> <li>Surgery</li> <li>Intracranial bleeding</li> <li>Paralysis</li> <li>Spinal cord injury</li> <li>Geriatric care</li> </ul> <p><b>Paediatric ICU</b></p>	16
General Nursing Practicum NUGP 4814 OSCE	<ul style="list-style-type: none"> <li>Peritoneal dialysis</li> <li>Neurological assessment</li> <li>Secondary trauma assessment</li> <li>Poisoning</li> <li>Bites and stings</li> <li>Immobilisation of trauma patient</li> <li>Traction</li> <li>Intracranial pressure monitoring</li> </ul>	16
Midwifery Theory NUMT4814 One paper of 3 hours	<ul style="list-style-type: none"> <li>Physiological and psychological changes during birth</li> <li>Monitor birth progression</li> <li>Monitor foetal well-being (cardiotocograph)</li> <li>Mechanism of birth</li> <li>Malposition (face presentation, face-to-pubis; brow presentation; oblique lie)</li> <li>Prolonged labour (related to the 4 "P")</li> <li>Obstructed labour (mid-pelvis arrest; outlet arrest; cephalo-pelvic disproportion)</li> <li>Assisted births</li> <li>Management of 3rd stage of labour</li> <li>Sensitive caesarean section</li> <li>Obstetric emergencies: cord prolapse, shoulder dystocia, breech birth, twin births</li> <li>Pain relief</li> <li>Neonatal assessment</li> </ul>	16

Modules and papers	Themes	Credits
	<ul style="list-style-type: none"> <li>• Help babies breathe</li> <li>• Premature birth</li> <li>• Hypertensive conditions (PET; Eclampsia chronic hypertension and HELLP syndrome)</li> <li>• DIC (disseminated intravascular coagulation)</li> <li>• Intra-uterine death</li> <li>• National guidelines legislation and protocol.</li> </ul>	
<p>Midwifery Practicum NUMP 4808 OSCE</p>	<ul style="list-style-type: none"> <li>• Students who successfully completed this module will be able to:</li> <li>• Perform a subjective and objective assessment of the pregnant woman</li> <li>• Monitor the well-being of the pregnant woman and foetus</li> <li>• Implement midwifery care to address healthcare needs of the pregnant woman, infant and family during birth and postnatal phase</li> <li>• Perform a subjective and objective assessment of the pregnant woman and foetus who are at high risk for complications</li> <li>• Monitor the well-being of the pregnant woman and foetus who are at high risk for complications</li> <li>• 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</li> <li>• Assist mother during normal birth</li> <li>• Connect and interpret cardiotocograph reading</li> <li>• Monitor progression through first stage of labour</li> <li>• Assess new-born baby</li> <li>• Help babies breathe</li> <li>• Suture perineal tear</li> <li>• Examine placenta</li> <li>• Manage lactation</li> <li>• Examination of the new-born baby</li> <li>• Bathe the new-born baby</li> <li>• Essential steps in managing obstetric emergencies</li> <li>• Maternal resuscitation</li> <li>• Active 3rd stage</li> <li>• Nasogastric feeding of neonate</li> <li>• Oxygen therapy for a neonate</li> <li>• Care of an incubator</li> <li>• Kangaroo care</li> <li>• Initiate neonatal IV</li> <li>• Health dialogue</li> </ul>	32
<p>Management NUAT4824 One paper of 3 hours</p>	<ul style="list-style-type: none"> <li>• Management process</li> <li>• Advocacy</li> <li>• Shared leadership</li> <li>• Shared decision making</li> <li>• Leadership styles</li> <li>• Mentoring/precepting techniques</li> </ul>	16
<p>Nursing Research methodology Practicum NURP4814 Research group project</p>	<ul style="list-style-type: none"> <li>• Implement research</li> <li>• Analyse research data</li> <li>• Disseminate research findings by means of a presentation as well as a written research report</li> </ul>	16

<b>Modules and papers</b>	<b>Themes</b>	<b>Credits</b>
Midwifery Theory NUMT4824 One paper of 3 hours	<ul style="list-style-type: none"> <li>• Assess and manage complications during pregnancy, birth and <i>postpartum</i> phase according to national and international best practice guidelines</li> <li>• National guidelines legislation and protocol</li> </ul>	16
Organisational Sociology SOC14824 Continuous assessment	<ul style="list-style-type: none"> <li>• The world of organisational behaviour</li> <li>• A sociological approach to organisation</li> <li>• Individual behaviour</li> <li>• Group and social processes</li> <li>• Organisational issues and processes</li> </ul>	16