Medium of Instruction

The medium of instruction at the University of Limpopo is English.

Validity

This Calendar is valid for the year 2012. The right is reserved to amend any rule or provision at any time without prior notice. No responsibility is accepted for possible inaccuracies.

University Terms 2012

FIRST SEMESTER: 03 January - 22 June
SECOND SEMESTER: 16 July - 14 December

EASTER Recess: 02 April - 9 April (inclusive)
WINTER Recess: 25 June - 13 July (inclusive)
SPRING Recess: 17 Sep - 21 Sep (inclusive)
SUMMER Recess: 14 Dec - 02 Jan 2013
Correspondence

All correspondence to be addressed to: The Director
School of Health Care Sciences

MEDUNSA CAMPUS
Box 72
PO Medunsa
0204

Telephone number: +27 (0)12 521 5053 / 521 4699
Telefax: +27 (0)12 521 5902
E-mail Address: Sebi Lekalakala-Mokgele@ul.ac.za
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The School of Health Care Sciences is the second largest of the five schools within the Faculty of Health Sciences comprising of four departments viz. Department of Human Nutrition and Dietetics, Occupational Therapy, Physiotherapy, Speech, Language Pathology & Audiology, Nursing Sciences, Pharmacy and Public Health.

Our undergraduate curriculum includes outreach programmes/projects and has the vision of producing health care practitioners of high academic, moral, ethical and professional standard.

Our programmes are evaluated by external examiners from other universities and on a five year cycle by the Health Professions Council of South Africa, Nursing and Pharmacy Councils.

Students obtain clinical experience at various facilities including hospitals, clinics and Community Based programmes in Limpopo province, Gauteng, Mpumalanga and North-West.

There is a variety of post-graduate studies offered in within the school. The academic programmes offered range from postgraduate diploma to Doctorate with the mission of improving the health of all citizens of our country through education, research and strategic interventions in public health.

Our postgraduate students come from all levels of public and private sector, from all provinces of the RSA and from a number of African countries.

Our students enjoy a very healthy relationship with departments within which they are registered and the fellow students within the school.

The overwhelming support from students in outreach programmes is heartening and makes the school very proud.

The School of Health Care Sciences is committed to excellence in education, research and community engagement contributing towards the development of a South African and internationally acclaimed Faculty of Health Sciences.

PROFESSOR S. LEKALAKALA-MOKGELE
DIRECTOR
MISSION STATEMENT

The School of Health Care Sciences is dedicated to the training and education of competent health care professionals through excellence in teaching, learning, research and community engagement in order to serve the health needs of our changing society.

FIELDS OF STUDY

The School of Health Care Sciences consists of four separate Departments, which have ten units regulated by professional boards except public health units.

1. Human Nutrition and Dietetics, Occupational Therapy, Physiotherapy & Speech, Language Pathology & Audiology
2. Nursing
3. Pharmacy
4. Public Health

The Degree Programmes, Diplomas and Certificates offered in these various Departments are listed.

CAREERS

Career opportunities exist in public health, research establishments, hospitals, laboratories, industry, private practice, colleges and universities. Further details are available from the specific disciplines and programmes.

OUR VISION

To be a leading School of Health Care Sciences, epitomizing excellence and global competitiveness, addressing the needs of rural communities through innovative ideas.
FACULTY STAFF

Executive Dean: Holland EA Prof, MBChB,PhD(UCT)FCP(SA)
Executive Secretary Du Preez MD Mrs
Assistant Registrar Malope AS Ms, BA, BA Hons (UNIN), Labour Law Certificate(UL)
Senior Admin Officer Laka F,Ms
Secretary Seraki MR Ms

SCHOOL STAFF

Office of the Director
Director: Lekalakala-Mokgele S,Prof,PhD (Free State University)
Secretary Vacant
Admin Officer Vacant

MEMBERS OF STAFF

HUMAN NUTRITION AND DIETETICS – MEDUNSA CAMPUS

Head of Unit * Kuzwayo PMN Prof, BSc (Diet) (Natal), Postgrad Dip Hosp Diet (Natal), BSc (Hons) (Diet) (Medunsa), MPH (Nutrition) (N-Carolina, USA).
Professor/Director: Institute for Human Nutrition MacIntyre UE Prof, BSc (Diet) (Natal), BSc (Diet) Hons (Pretoria), Postgrad Dip Hosp Diet (Pretoria) MSc (Diet) (Medunsa), PhD (Nutrition) (PU for CHE) Dip Data
Senior Lecturer (UNISA)
Vacant
Senior Lecturer (UNISA)
Vacant

Lecturer
Matjekes LO Mrs, BSc (Diet) (MEDUNSA) (Resigned)
LJ Ncube National Dipl and B Tech Food Service Management (Pret Tech) MBA
M Manafe BSc (Diet) and MPH (MEDUNSA)
TR Modise BSc (Diet) MEDUNSA
Mbola AZ National Dipl and BTech in Food Service Management (TUT)

JOINT APPOINTMENT
Lecturer/ Deputy Manager- Dietetics, Limpopo Province
Ceronio Vanessa Ms, (Diet) UP, Postgrad Dip Hosp Diet (UP) MSc(Nutrition) Venda
Lecturer/Assistant Director – Dietetics Gauteng Province Vacant

PART TIME APPOINTMENTS/CLINICAL SUPERVISORS
Senior Lecturer
Ntsie PR BSc (Diet) UWC and MSc (Diet) MEDUNSA
Junior Lecturer
Mrs Nabe BSc (Diet) MEDUNSA
Mrs Monyamane BSc (Diet) MEDUNSA
Mr T Nageli BSc (Diet) MEDUNSA
Ms HM Sedibe BSc (Diet) MEDUNSA; MSc (FCS) Alabama Univ. USA

NURSING SCIENCES – MEDUNSA CAMPUS
Head of Unit/Department * Van Aswegen EJ Prof. M Cur (RAU), D Litt. Et. Phil (Unisa)
Senior Lecturers
Mokoena JD Mrs, BA. Cur (Hons, UNISA), M Cur (UNISA)
Sengane MLM Dr, M Cur(RAU), D Cur (RAU)
Dippenaar JM Dr., M Cur (RAU), D Cur (RAU) Vacant x 3 posts
Emeritus Prof.
Van Niekerk CF Prof, M Cur
Lecturer
Khoza PK Mr, M Cur (UNISA)
Madalane LD Mrs, M Cur (Natal) Vacant x 2 posts
Chetty D, M Tech
Mkhonto FM Mrs, B Cur (MEDUNSA)
Selaledi M Mrs, BA Cur (Hons) (UNISA), M Cur (MEDUNSA)
Madumo MM Mrs, M Cur (UP)
Havenga Y, M Cur (RAU)
Naude S Mrs, M Cur (UP)
Black MJ Mrs, B Cur I et A (Medunsa ), M Cur (Medunsa)
First Aid Lecturers
Tshaka E Mrs, B Cur (Hons) (MEDUNSA), M Cur (UL) Ntsoele MMN, BA Cur (UNISA)
UNEDSA Programme Lecturer Uys, BY, M Cur (UP)
### OCCUPATIONAL THERAPY – MEDUNSA CAMPUS

<table>
<thead>
<tr>
<th><strong>Head of Unit</strong></th>
<th><strong>Ramu kumba TA Prof, B Occ Ther (Hons) (MEDUNSA), M Phil Adult Educ &amp; Training (RAU)</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Senior Lecturer</strong></td>
<td>Lesunyane RA Mrs, B Occ Ther (Hons) (MEDUNSA), M Occ. Ther (UL)</td>
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<td><strong>Senior Lecturer</strong></td>
<td>Vacant</td>
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<tr>
<td><strong>Lecturer</strong></td>
<td>Pitout SJS, B Occ Ther (UP), M Occ Ther (UL)</td>
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<td>Motsepe LT, BSc (UNIVEN), B Occ Ther (MEDUNSA)</td>
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<td>Mahlangu TL, B Occ Ther (MEDUNSA)</td>
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<td>Molemi M, B Occ Ther (MEDUNSA)</td>
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<td>Dala LW, B Occ Ther (MEDUNSA)</td>
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<tr>
<td><strong>Lecturer</strong></td>
<td>Vacant</td>
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</table>

### PHARMACY – MEDUNSA CAMPUS

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<tr>
<th><strong>Professor / Head of /Department</strong></th>
<th><strong>Gous AGS Prof, PharmD</strong></th>
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<tbody>
<tr>
<td><strong>Snr Lecturer / BPharm Course Coordinator</strong></td>
<td><strong>Meyer JC Dr, PhD</strong></td>
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<tr>
<td><strong>Snr Lecturer (joint with Virology)</strong></td>
<td><strong>Bezuidenhout S Dr, PhD</strong></td>
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<tr>
<td><strong>Snr Lecturer (Biopharmaceutics)</strong></td>
<td><strong>Brown L Dr, PhD</strong></td>
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<tr>
<td><strong>Snr Lecturer (Postgrad Dip)</strong></td>
<td><strong>Helberg E Mrs, MSc (Med) (Pharmacy)</strong></td>
</tr>
<tr>
<td><strong>Snr Lecturer (joint with Internal Medicine)</strong></td>
<td><strong>Mattala MD Ms, MSc (Med) (Pharmacy)</strong></td>
</tr>
<tr>
<td><strong>Snr Lecturer / Clin Pharmacist</strong></td>
<td><strong>Vacant</strong></td>
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<td><strong>Snr Lecturer</strong></td>
<td><strong>Vacant</strong></td>
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<td><strong>Snr Lecturer</strong></td>
<td><strong>Vacant</strong></td>
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<tr>
<td><strong>Snr Lecturer (joint with Microbiology)</strong></td>
<td><strong>Vacant</strong></td>
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<tr>
<td><strong>Snr Medical Natural Scientist</strong></td>
<td><strong>Mabope LA Mrs, M Biochem, MSc (Med) (Pharmacology)</strong></td>
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<tr>
<td><strong>Lecturer / Clinical Pharmacist</strong></td>
<td><strong>Vacant</strong></td>
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<tr>
<td><strong>Lecturer (joint with Medical Physics)</strong></td>
<td><strong>Vacant</strong></td>
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<tr>
<td><strong>Lecturer</strong></td>
<td><strong>Abraham V Ms, BSc (Hons) (Pharmacology)</strong></td>
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<tr>
<td><strong>Medical Natural Scientist</strong></td>
<td><strong>Vacant</strong></td>
</tr>
<tr>
<td><strong>Emeritus Professor</strong></td>
<td><strong>Summers RS Prof, PhD</strong></td>
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<tr>
<td><strong>Snr Lecturer (part-time)/Photobiology</strong></td>
<td><strong>Summers B Dr, PhD</strong></td>
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<tr>
<td><strong>Snr Lecturer (part-time)</strong></td>
<td><strong>Engler D Ms, BSc (Hons) (Pharmacology)</strong></td>
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<tr>
<td><strong>Snr Lecturer (part-time)</strong></td>
<td><strong>Hanson C Ms, MSc (Med) (Pharmacy)</strong></td>
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<td><strong>Snr Lecturer (part-time)</strong></td>
<td><strong>Pochee E Mr, MSc, Dip Med Micro</strong></td>
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<td><strong>Snr Lecturer (part-time)</strong></td>
<td><strong>Stafford L Mrs, BSc (Pharm)</strong></td>
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<td><strong>Snr Lecturer (part-time)</strong></td>
<td><strong>Schellack N Dr, PhD</strong></td>
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<tr>
<td><strong>Snr Lecturer (part-time)</strong></td>
<td><strong>Modiba WK Mr, MTech (Pharm Sci)</strong></td>
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<td><strong>Snr Lecturer (part-time)</strong></td>
<td><strong>Schutte L-M Ms, BPharm</strong></td>
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<td><strong>Snr Lecturer (part-time)</strong></td>
<td><strong>Van der Merwe CJL Mr, Dip Pharmacy</strong></td>
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<td><strong>Lecturer (part-time)</strong></td>
<td><strong>Coetsee C Ms, Med (Psyc)</strong></td>
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<tr>
<td><strong>Lecturer (part-time)</strong></td>
<td><strong>Soopee A Mrs, BPharm</strong></td>
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</tbody>
</table>

**Joint Staff: Mpumalanga**

| **Senior Lecturer** | **Graham M Mrs, MSc (Med) (Pharmacy)** |
### PHYSIOTHERAPY – MEDUNSA CAMPUS

**Head of Unit**  
*Taukobong NP Prof, BSc. Physio (MEDUNSA), HED (UNISA) MPHYT community (Univ.Pta)*

**Senior Lecturer**  
Mishali BF Dr, BSc. Physio (MEDUNSA) MPHYT (Sports Medicine (Univ. Pta) Dip. Fin. Management (UNISA))

**Senior Lecturer**  
Vacant

**Lecturer**  
Vacant  
Mathatho MJ, BSc. Physio. (MEDUNSA)  
Human A BPhysT (Pretoria)  
Sobantu N, BSc. Physio (MEDUNSA)  
Kotsokoane FM, BSc Physio. (Univ. Pta)  
Manamela MC, BSc Physio. (MEDUNSA) MPHYT (Sports Medicine (Univ. Pta))  
Raphokwane K, BSc. Physio (MEDUNSA)

**Clinical tutor**  
Ltaib N BSc Physio(Medunsa)

### PUBLIC HEALTH – MEDUNSA CAMPUS

**Head of Unit/Department**  
*Mokwena KE Dr, M.Sc. Ed.D. (USC)*

**Biostatistics**  
Mokgatle M Ms, B.Rad, B.Rad Hons, MPH (Acting HOD)

**Lecturer**  
Hoque M Mr, BSc (Maths and Stats), BSc (Hons) (Stats), MSc (Stats)

**Epidemiology**  
Malangu N Prof, B. Pharm, M.Sc (Med)Pharm, Phd Pharmacology, (Acting HOD)  
Burnett RJ Ms, B.Tech (Mol.Biol.), MPH

**Environmental and Occupational Health**  
Madiba S Dr, BA Cur, BA Cur (Hons), MPH (Acting HOD)

**Senior Lecturer:**  
Chelule, PK. Dr HDip. MedTech, MMedSc, PhD

**Health Systems Management and Policy**  
Pengpid S Prof, B.Ed, MSc, DrPH HOD

**Senior Lecturer**  
Van der Heever H Dr, BA, BA (Hons), MPH BA (Hons), MPH DLitt et Phil (UNISA)

**Senior Lecturer**  

**Social and Behavioural Health Sciences**  
Mokwena KE Dr, M.Sc. Ed.D. (USC)
**SPEECH-LANGUAGE PATHOLOGY & AUDIOLOGY – MEDUNSA CAMPUS**

**Head of Unit**
* Sandra du Plessis, Prof  
  BA (Log) (UP) M Comm Path (UP) D Phil Comm Path (UP) PGCHE (UP)

**Senior Lecturers**
Carmen Milton, Ms  
B Comm Path (UP) M Phil (US)

Anna-Marie Wium, Dr  
BA (Log) (UP) M Comm Path (UP) D Phil Comm Path (UP)

**Lecturers**
Marguerite de Jongh, Mrs  
B Log (UP) M Phil (US) NDT

Katherina Ehlert, Mrs  
B Comm Path (UP) M Comm Path (UP)

Eunice Ngulele, Ms  
B SLP&A (UL) Postgraduate Diploma in Business Administration (GIBS)

**Senior Part-time Lecturer(s)**
Alida Naudé, Mrs  
B Comm Path (UP) M Comm Path (UP)

**Part-time Lecturers**
Lynette Meyer, Mrs  
BA (Log) (UP) M (ECI) (UP)

Liepollo Nthlakana, Mrs  
B Speech Therapy and Audiology (Audiologist) (UKZN)

Faatimah Mahomed  
B Comm Path (UP)

**Clinical Supervisors**
Jemma Chadinha, Mrs  
B Comm Path (UP)

Wandi Nkosi, Ms  
B Speech and Hearing Therapy (Wits)

Peta Shakespeare Hoge, Mrs  
B Comm Path (UP)

**NOTE:**  
*Indicates Head of Department
COMMITTEES IN THE SCHOOL

SCHOOL BOARD OF HEALTH CARE SCIENCES COMMITTEES

Director: Lekalakala-Mokgele S, Prof

Human Nutrition and Dietetics

* Kuzwayo PMN, Prof,
MacIntyre UE, Prof
Manafe M, Mrs
Matjeke LO, Mrs
Ncube LJ, Ms
Mbola ZA, Ms
Modise TR, Ms

Nursing Sciences

*Van Aswegen EJ, Prof
Van Niekerk CF, Prof
Mokoena, JD, Mrs
Sengane MLM, Dr
Dippenaar JM, Dr.
Khoza PK, Mr
Madalane LD, Mrs
Chetty D, Ms
Mkhonto FM, Mrs
Selaledi M, Mrs
Madumo MM, Mrs
Tshaka E, Mrs
Tshaka E, Mrs
Havenga Y, Ms
Ntsoele MMN, Ms
Naude S, Mrs
Black MJ, Mrs

Occupational Therapy

** Ramukumba TA, Prof
Lesunyane RA, Mrs
Pitout SJS, Mrs
Motsepe LT, Ms
Mahlangu TL, Ms
Molemi M, Mrs
Dala LW, Ms

Pharmacy
*Gous AGS, Prof
Meyer JC, Dr
Bezuidenhout S, Dr
Brown L, Dr
Matlala MD, Ms
Mabope LA, Mrs
Summers BS, Dr

Physiotherapy

*Taukobong NP, Prof
Mtshali BF, Dr
Mathatho MJ, Mr
Sobantu N, Ms
Kotsokoane FM, Ms
Manamela MC, Ms
Human A
Raphokwane K

Public Health

*Mokwena KE Dr
Mokgatle M Ms
Malangu N Prof
Burnett RJ Ms
Madiba S Dr
Pengpid S Prof
Mndzebele S, Dr
Van der Heever H Dr
Ntuli-Ngcobo BE Ms
Fernandes, L Ms
Chelule P, Dr
Hoque M, Mr
Skaal, L Dr

Speech-Language
Pathology & Audiology

* Sandra du Plessis, Prof
Carmen Milton, Mrs.
Anna-Marie Wium, Dr
Marguerite de Jongh, Mrs
Eunice Ngulele, Ms
Katerina Ehlert, Mrs
**EXECUTIVE COMMITTEE**

<table>
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<th>Role</th>
<th>Members</th>
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<tr>
<td>Director</td>
<td>Lekalakala-Mokgele S, Prof</td>
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<td>Human Nutrition and dietetics</td>
<td>Kuzwayo PMN, Prof</td>
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<td>Nursing Science</td>
<td>van Aswegen E, Prof</td>
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<td>Mokoena JD, Ms</td>
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<td>Occupational Therapy</td>
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<td>Speech-Language Pathology &amp; Audiology</td>
<td>Du Plessis S, Prof</td>
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<td>Wium, A, Dr</td>
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<td>Milton, C, Mrs</td>
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**RESEARCH COMMITTEE/Academic Planning Committee**

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<td>Director</td>
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<td>Medunsa Campus</td>
<td>Brown L, Dr</td>
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<td>Mtshali B, Dr</td>
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<td>Speech-Language Pathology &amp; Audiology</td>
<td>Ngulele, E, Ms</td>
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<td>de Jongh, M, Mrs</td>
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<td>Burnett RJ Ms</td>
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<td>Madiba S Dr</td>
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</table>
Pengpid S Prof
Mndzebele S, Dr
Van der Heever H Dr
Ntuli-Ngcobo BE Ms
Fernandes, L Ms
Cheluie P, Dr
Hoque M, Mr
Skaal, L Dr

**SELECTION AND EXAMINATION COMMITTEE**

**Director:**
Lekalakala-Mokgele S, Prof

**Assistant Registrar:**
Malope A, Ms

**Human Nutrition and Dietetics:**
Kuzwayo PMN, Prof
Manafe M, Mrs

**Nursing Science:**
van Aswegen E, Prof
Mokoena JD, Ms

**Occupational Therapy:**
Ramukumba TA, Prof
Mahlangu TL, Ms

**Pharmacy:**
Gous AGS, Prof
Mabope LA, Ms

**Physiotherapy:**
Taukobong NP, Prof
Mtshali B, Dr

**Public Health:**
Mokwena KE Dr

**Speech-Language Pathology & Audiology:**
Du Plessis S, Prof
Milton, C, Mrs
Ngulele, E., Ms
De Jongh, M, Mrs
Nkosi, W, Ms
A. GENERAL FACULTY RULES

RELATIONS TO OTHER RULES
FHS1

Faculty Rules should be read in conjunction with the General Rules of the University and except where otherwise laid down, expressly or by necessary implication, should hold for the individual Schools and academic Departments.

The Faculty of Health Sciences is unique in that in addition to the rules of the Faculty, it is also subject to the dictates of the discipline specific professional bodies.

ADMISSION
FHS2

2.1 A candidate for a degree, diploma and certificate in the Faculty must comply with the conditions and meet the selection criteria as determined by the concerned Schools and programmes. The University Council has the right to refuse admission to any student should it be considered to be in the interest of the University to do so. For practical reasons only a limited number of applicants can be admitted to the degree programme.

2.2 As per the General Rules of the University.

REGISTRATION
FHS3

3.1 On registration (and after having completed and signed the official registration form), the student agrees to abide by all Rules and the Statute of the University. There may be further registration with the professional bodies.

3.2 As per the General Rules of the University.

3.3 A student is responsible for the composition of his/her programme in so far as its compliance with the General Rules and the Rules of the various Schools are concerned. Official class timetables will be provided upon admission and the onus is on the prospective student to ensure that proposed modules/courses do not clash and if it is discovered at any time, the student will promptly be deregistered from one of the modules/courses, as determined in consultation with the Dean of the Faculty.

3.4 A student shall not register for a full-time qualification on a part-time basis, except where School Rules permits.

3.5 – 3.8 As per the General Rules of the University.
ENROLMENT
FHS4

The General Rules of the University shall apply as stipulated.

TIMETABLE
FHS5

The General Rules of the University shall apply as stipulated.

PAYMENT OF FEES
FHS6

The General Rules of the University shall apply as stipulated.

REGISTERING MODULES/COURSES FOR NON-DEGREE PURPOSES
FHS7

7.1 - 7.2 As per University General Rules
7.3 A module/course taken outside a prescribed programme may later be recognised for a programme, pending application to the relevant Directors of Schools and payment of appropriate fees.
7.4 - 7.5 As per University General Rules

RECOGNITION AND EXEMPTION OF MODULES / COURSES
FHS8

The General Rules of the University shall apply as stipulated.

RETENTION/LOSS OF CREDITS
FHS9

The General Rules of the University shall apply as stipulated.

DURATION OF STUDY
FHS10

The General Rules of the University shall apply as stipulated.

CHANGE OF PROGRAMMES AND SIMULTANEOUS REGISTRATION FOR TWO OR MORE PROGRAMMES
FHS11

The General Rules of the University shall apply as stipulated.

ASSESSMENT
FHS12

In the Faculty of Health Sciences candidates should be assessed for both formative and summative assessments except when the student applied for an exemption from summative assessment and it is granted by the Head of Department.

12.2 - 12.3 As per University General Rules

12.4 No further assessment shall be granted after the student has had the benefit of a full
assessment cycle. A full assessment cycle consists of standard, re-examination/supplementary or deferred assessment, where applicable.

12.5 -12.6 As per University General Rules

SUMMATIVE ASSESSMENT
FHS13

13.1 -13.4 As per University General Rules
13.5 When calculating the final mark following a summative assessment, the differential contribution of the formative and the summative assessment marks are 60% and 40% respectively.
13.6 As per General Rules of the University.
13.7 Accept in the case of Clinical Programmes.

RE-EXAMINATION AND SUPPLEMENTARY ASSESSMENT (FOR UNDERGRADUATE STUDIES ONLY)
FHS14

14.1 In Clinical Programmes the format of re-assessment may differ from that of the formative assessment.
14.2 In other Schools the format of a re-examination may be different from that of the summative assessment.
14.3 –14.6 As per University General Rules

SPECIAL SUMMATIVE ASSESSMENT
FHS15

The General Rules of the University shall apply as stipulated.

DEVIAITION FROM STANDARD ASSESSMENT PROCEDURE
FHS16

The General Rules of the University shall apply as stipulated.

ASSESSMENT FRAUD
FHS17

The General Rules of the University shall apply as stipulated.

ASSESSORS
FHS18

The General Rules of the University shall apply as stipulated.

MINIMUM PASS AND DISTINCTION IN A MODULE/COURSE
FHS19

The General Rules of the University shall apply as stipulated.

FAILURE OF A MODULE/COURSE
FHS20
A student is regarded as having failed a module/course if,

20.1.1 he/she does not fulfil all the requirements in the module/course concerned.

20.1.2 he/she does not meet the sub-minimum requirements in certain parts/divisions/papers of the assessment.

20.1.3 his/her final mark is less than 50%.

20.1.4 he/she failed to sit for exam unless rule 12.2 applied.

Subject to the provisions of Rules FHS25 and FHS26, a student shall not be permitted more than two attempts at passing a module/course even when changing his/her degree programme.

VIEWING AND REMARKING OF SCRIPTS
FHS21

21.1 Viewing of scripts:

21.1.1 With the permission of the Director of School, a student may view his/her final assessment script together with the marking memorandum, under the supervision of a responsible person appointed by the Director. Viewing of scripts is allowed within two weeks of assessment results.

21.2 Remarking of assessment scripts:

21.2.1 An application from a student for the remarking of an assessment script should be submitted, only after viewing the script by completing the prescribed form and submitted to the Dean of the Faculty within two weeks of the assessment results having been issued to students. Requests via the post service should be by registered mail.

21.2.2 The Dean of the Faculty shall make the necessary arrangements with the original external assessor or an alternate assessor for remarking the script.

21.2.3 The prescribed fee per module/course is to be paid in full by the applicant prior to remarking.

21.2.4 Assessment scripts shall be kept for five years only.

STUDENT PROGRESS
FHS22

The General Rules of the University shall apply as stipulated.

AWARDING OF A QUALIFICATION
FHS23

The General Rules of the University shall apply as stipulated.
B. RULES FOR UNDERGRADUATE STUDY

ADMISSION
FHS24

The General Rules of the University shall apply as stipulated.

CREDIT FOR MODULES/COURSES PASSED/ADMISSION TO A SUBSEQUENT MODULE/COURSE
FHS25

Limitation on enrolment for modules/courses at subsequent levels, unless otherwise determined by the various Faculties:

25.1 Year level

For certain Schools in the Faculty a student cannot proceed to the next level unless the applicable pre-requisites have been met.

25.1.1 Second year level
Subject to Rules FHS8 and FHS20.2, a student shall not be allowed to take any module/course at second year level, unless he/she has obtained 50% of the total credits prescribed at first year level, unless otherwise determined by the School concerned.

25.1.2 Third year level
Subject to Rules FHS8 and FHS20.2, a student shall not be allowed to take any module/course at third year level, unless he/she has obtained 100% of the total credits prescribed at first year level, and 50% of the total credits prescribed at second year level, unless otherwise determined by the School concerned.

25.1.3 Fourth year level
Subject to Rules FHS8 and FHS20.2, a student shall not be allowed to take any module/course at fourth year level unless he/she has obtained 100% of the total credits prescribed at second-year level and 50% of the total credits prescribed at third-year level, unless otherwise determined by the School concerned.

25.1.4 Fifth Year level
Subject to Rules FHS8 and FHS20.2, a student shall not be allowed to take any module/course at fifth year level, unless he/she has obtained 100% of the total credits prescribed at third year level, and 50% of the total credits prescribed at fourth year level, unless otherwise determined by the School concerned.

25.1.5 Sixth Year level
Subject to Rules FHS8 and FHS20.2, a student shall not be allowed to take any module/course at sixth year level, unless he/she has obtained 100% of the total credits prescribed at fourth-year level, and 50% of the total credits prescribed at fifth-year level, unless otherwise determined by the School concerned.

25.2 Year status

25.2.1 Second-year status
Subject to any contrary School Rule in respect of a particular qualification, a student must have obtained credit for at least 75% of the total credits at first year level before being admitted to second year status.

25.2.2 Third-year status
Subject to any contrary School Rule in respect of a particular qualification, a student
must have obtained credit for at least 75% of the total credits at second-year level before being admitted to third-year status.

25.2.3 Fourth-year status
Subject to any contrary School Rule in respect of a particular qualification, a student must have obtained credit for at least 75% of the total credits at third year level before being admitted to fourth-year status.

25.2.4 Fifth-Year Status
Subject to any contrary School Rule in respect of a particular qualification, a student must have obtained credit for at least 75% of the total credits at fourth-year level before being admitted to fifth-year status.

25.2.5 Sixth-Year Status
Subject to any contrary School Rule in respect of a particular qualification, a student must have obtained credit for at least 75% of the total credits at fifth-year level before being admitted to sixth year status.

RENEWAL OF REGISTRATION
FHS26

26.1 A full-time student at the first year level who, after having been registered for a full academic year, has not been able to accumulate any credits will not be able to renew his/her registration in the same programme.

26.2 A full-time student who, after having been registered for two years at a specific year level for a qualification at this or any other residential university and has not yet obtained subsequent year status according to the conditions explained under Rule FHS25.2, will only be enrolled as a student subject to the stipulations under Rule FHS26.4.

26.3 A full-time student who, after having been enrolled for a period of two years exceeding the minimum period of attendance of a qualification as stipulated under Rule FHS10, and is still not in a position to complete his/her qualification in one more additional year, will not be allowed to register again at this University, subject to the stipulations under Rule FHS26.4. For programmes exceeding three years, rule 26.2 applies, unless the Executive Dean determine otherwise.

26.4 A student who was doing first year and second year, and was excluded under Rules FHS26.2 and FHS26.3 may apply for readmission after the outstanding credits were obtained from another accredited Institution of higher learning and subject to the stipulations under Rule FHS8. In the case of students affected by Rule FHS26.3, application for readmission will be for the purposes of degree conferment.

26.5 In case of students expelled on academic grounds, the following shall apply:-

26.5.1 For the third year students and beyond, different School rules shall apply.

26.5.2 Excluded students may apply for review to the Executive Dean. No review shall be done for students with outstanding fees.

26.6 A student who, for some one or other reason, has been expelled from another institution shall not be registered at this University.

26.7 The period of study completed at a Distance Education Institutions will be equated with a period of full-time study for purposes of applying Rules FHS26.2 to FHS26.4.
C. RULES FOR POSTGRADUATE STUDY

ADMISSION TO STUDIES
FHS28

The General Rules of the University shall apply as stipulated.

EQUIVALENT STATUS
FHS29

The General Rules of the University shall apply as stipulated.

D. RULES FOR HONOURS DEGREE STUDY

ADMISSION TO STUDY FOR AN HONOURS DEGREE
FHS30

The General Rules of the University shall apply as stipulated.

DURATION OF STUDY
FHS31

The General Rules of the University shall apply as stipulated.

REGISTRATION
FHS32

The General Rules of the University shall apply as stipulated.

COMPOSITION OF A PROGRAMME
FHS33

The programme is composed of a number of modules/courses as prescribed in the relevant School Rules. For purposes of this Rule, School Rules may prescribe papers, projects, extended essays, practicals, or combinations thereof, as modules/courses for the honours bachelor’s degree.

ASSESSMENT
FHS34

The General Rules of the University shall apply as stipulated.

CONFERMENT OF THE DEGREE
FHS35

The General Rules of the University shall apply as stipulated.
E. RULES FOR MASTERS DEGREE STUDY

ADMISSION TO STUDY FOR MASTERS DEGREE
FHS36

The General Rules of the University shall apply as stipulated.

REGISTRATION AND RENEWAL OF REGISTRATION
FHS37

The General Rules of the University shall apply as stipulated.

COMPOSITION OF A PROGRAMME
FHS38

38.1 All Master’s degrees require a dissertation or equivalent requirement as determined by special School Rules.

38.2 A research Master’s programme is composed of a research project where the candidate should exhibit competency in planning, execution and reporting of a research topic.

38.3 A coursework Master’s programme is determined by School Rules and may include assessment papers, projects, a mini-dissertation, research papers, practicals, or combinations thereof, as modules/ courses for the degree.

DISSERTATION/ MINI-DISSERTATION
FHS39

39.1 The title and proposal for a dissertation/mini-dissertation is approved for a period of three years, in case of the need for extension, the student shall apply to Senate via the relevant Faculty for an extension of time.

39.2 The dissertation/mini-dissertation must render proof that the candidate is able to conduct and execute independent scientific research.

39.3 Material from the student’s own published work may be incorporated in the dissertation/mini-dissertation, but a collection of published works shall not be accepted as a dissertation unless otherwise specified by the Schools.

39.4 No publication may, without the prior permission of Senate, contain a statement to the effect that the published material was or is to be submitted in part or in fulfilment for the degree.

39.5 A dissertation/mini-dissertation previously submitted as a whole or in substance for a degree at another university will not be accepted at this University.

CLOSING DATES FOR SUBMISSION
FHS40

The General Rules of the University shall apply as stipulated.

ASSESSMENT OF THE DISSERTATION/ MINI – DISSERTATION
FHS41

In addition to the General Rules the following specific shall apply.

41.1 On the recommendation of the supervisor, and the Faculty concerned, the Executive Committee of Senate appoints an assessment panel consisting of the supervisor, the co-supervisor(s) (if any) an internal assessor(s), and at least two external assessors unless
otherwise stated by the School. (A co-supervisor may not act as an external assessor).

CONFERMENT OF THE MASTERS DEGREE
FHS42

The General Rules of the University shall apply as stipulated.

PUBLICATION OF A DISSERTATION/Mini-DISSERTATION
FHS43

The General Rules of the University shall apply as stipulated.

MASTERS DEGREE STUDY BY RESEARCH
DURATION OF STUDY
FHS44

The General Rules of the University shall apply as stipulated.

REQUIREMENTS FOR AWARDING A MASTERS DEGREE
FHS45

The General Rules of the University shall apply as stipulated.

SUBMISSION OF DISSERTATION
FHS46

The General Rules of the University shall apply as stipulated.

AWARDING OF MARKS
FHS47

47.1 The final mark achieved for the dissertation, is the average of the marks allocated by all assessors (internal and external).

47.2 If an assessor indicates in his/her examination report that he/she has to view the dissertation again after the corrections are effected, it may be done so once only.

47.3 Where an external assessor awards a mark below 50%, Senate may seek a second external opinion once only.

47.4 In order to pass the degree, a minimum of 50% should be allocated by all assessors (internal and external).

47.5 Cum laude is an average of 75%, unless otherwise stipulated by Schools.

CONVERSION OF A MASTERS DEGREE STUDY INTO A DOCTORAL DEGREE
FHS48

The General Rules of the University shall apply as stipulated.
MASTERS DEGREE STUDY BY COURSEWORK

DURATION OF STUDY
FHS49

The minimum duration of study is two years, and the maximum duration is seven years.

REQUIREMENTS FOR AWARDING A COURSEWORK
MASTERS DEGREE
FHS50

In addition to the General Rules the following specific shall apply

50.1 A coursework Master’s degree is awarded on the grounds of

50.1.1 Completion of the required modules/courses.

50.1.2 Submission of a mini-dissertation, or research requirement as specified by the School.

SUBMISSION OF A MINI-DISSERTATION
FHS51

The General Rules of the University shall apply as stipulated.

AWARDING OF MARKS
FHS52

52.1 In order to pass the degree, a student shall obtain a pass mark of at least 50% in every module/course required for the degree.

52.2 The final mark should be proportional between the mark obtained for the mini-dissertation and all the required coursework components of the degree.

52.3 The final mark achieved for the mini-dissertation, is the average of the marks allocated by all assessors (internal and external).

52.4 In order to pass the degree, a minimum of 50% should be allocated for the mini-dissertation by all assessors (internal and external).

52.5 Where an external assessor awards a mark below 50%, Senate may seek a second external opinion once only.

52.6 If an assessor indicates in his/her examination report that he/she has to view the mini-dissertation again after the corrections are effected, it may be done so once only.

52.6 Awarding of Cum laude:

52.1 If there is distinction in the mini-dissertation, the candidate obtains the degree," with a distinction in the mini-dissertation".

52.2 If there is distinction in the course work, the candidate obtains the degree, "with a distinction in the course work”.

52.3 A degree is awarded with Cum Laude, if a distinction is obtained in both the coursework and mini-dissertation.
F. RULES FOR DOCTORAL DEGREE STUDY

ADMISSION FOR DOCTORAL STUDY
FHS53

The General Rules of the University shall apply as stipulated.

DURATION OF STUDY
FHS54

The General Rules of the University shall apply as stipulated.

REGISTRATION AND RENEWAL OF REGISTRATION
FHS55

55.1 Candidates for doctoral study are not subject to the registration date for bachelor's degrees only for the first registration.

55.2 A candidate who has been registered for a doctoral degree must renew his/her registration each year before the closing date for academic registration and pay all prescribed fees until the candidate has complied with all the requirements for the degree. On renewal of registration, the student is required to pay the registration fee only.

55.3 If a student's progress is not satisfactory as per School Rules, the student's registration for doctoral study may be cancelled.

REQUIREMENTS FOR AWARDING A DOCTORAL DEGREE
FHS56

56.1 A doctoral degree is awarded on the grounds of a completed thesis and other specified requirements of the School.

56.2 Subject to Faculty Rules, the assessment panel may subject a candidate to a defence of the thesis.

THESIS
FHS57

The General Rules of the University shall apply as stipulated.

SUBMISSION OF THE THESIS
FHS58

The General Rules of the University shall apply as stipulated

ASSESSMENT OF THE THESIS
FHS59

The General Rules of the University shall apply as stipulated

CONFERMENT OF THE DEGREE
FHS60
The General Rules of the University shall apply as stipulated

PUBLICATION OF A THESIS
FHS61

The General Rules of the University shall apply as stipulated

AWARDING OF DEGREE honoris causa
FHS62

The General Rules of the University shall apply as stipulated

GUIDELINES FOR OUTSTANDING ACHIEVEMENT AND ENDEAVOURS
FHS63

The General Rules of the University shall apply as stipulated

PROCEDURE
FHS64

The General Rules of the University shall apply as stipulated

ADMISSION FOR DSc DEGREE PROGRAMME
FHS65

65.1 A person who wishes to be admitted as a candidate for this degree shall lodge an application with the Registrar submitting such evidence of his academic and general qualifications and such information as the rules of Senate may, from time to time, require. Registration will only be permitted once a person has been admitted to this degree.

65.2 A person who is not a member of the Convocation and who wishes to proceed to the degree shall not be admitted as a candidate unless Senate is satisfied, on the advice of the board of the Faculty, that there are sound reasons for such Admission.

65.3 Any one of the following may be admitted by Senate as a candidate:

(a) A person in possession of a Doctor of Philosophy or an MD degree of the University of at least four years standing;

(b) A graduate of any other University admitted under the Higher Education Act, the status Doctor of Philosophy or MD and who has held the qualification, by virtue of which such Admission has been granted, for a period of at least four years.

DURATION OF STUDY FOR DSc
FHS65.4

At least 12 months before the degree may be conferred.
DEGREES AND DIPLOMAS

The following Degrees and Diplomas are offered in the School.

1.1. **Human Nutrition and Dietetics**
- Bachelor of Nutrition: B Nutrition
- Master of Nutrition: M Nutrition
- Bachelor of Science in Dietetics: BSc.Diet
- Master of Science in Dietetics: MSc Diet
- Doctor of Philosophy: PhD

1.2 **Nursing**
- Bachelor of Nursing Science and Art: B Cur
- Bachelor of Advanced Nursing Science: BNSc
- Bachelor of Nursing Education and Nursing Administration: B Cur (I.et A)
- Diploma in Nursing Education: Dip N E
- Diploma in Nursing Administration: Dip N A
- Diploma in Occupational Health Nursing: Dip OHN
- Post Graduate Diploma in Primary Health Care: PGDPHC
- Master of Curationis: M Cur
- Doctor of Philosophy: PhD

1.3 **Occupational Therapy**
- Bachelor of Occupational Therapy: B. Occ. Ther
- Master of Occupational Therapy: M Occ Ther
- Doctor of Philosophy: PhD

1.4 **Pharmacy**
- Bachelor of Pharmacy: B Pharm
- Master of Pharmacy: M Pharm (Turfloop Campus)
- Master of Science in Pharmacy: MSc (Med) (Pharmacy) (Medunsa Campus)
- Doctor of Philosophy: PhD

1.5 **Physiotherapy**
- Bachelor of Science in Physiotherapy: BSc Physiotherapy
- Master of Science in Physiotherapy: MSc Physiotherapy
- Doctor of Philosophy: PhD

1.6 **Public Health**
- Master of Public Health: MPH
- Doctor of Public Health: DrPH
- Postgraduate Diploma in Public Health: PGDPH

1.7 **Speech-Language Pathology & Audiology**
- Bachelor of Speech-Language Pathology and Audiology: B (SLP&A)
RULES FOR UNDERGRADUATE PROGRAMME

ENROLMENT, PAYMENT OF FEES, RETENTION/LOSS OF CREDITS, DURATION OF STUDY, SIMULTANEOUS REGISTRATION FOR TWO OR MORE PROGRAMME
SHCS 5.5

5.5.1 Faculty rules apply except where a specific department permits.

SUPPLEMENTARY ASSESSMENT, RE-EXAMINATION, SPECIAL SUMMATIVE ASSESSMENT, ASSESSMENT FRAUD AND DEVIATION FROM STANDARD ASSESSMENT PROCEDURE.
SHCS 6.6

6.6.1 Faculty rules apply.
6.6.2 To be admitted to the summative assessment, a student must have participated in at least 70% of continuous assessments (weekly lessons, assignments and projects) in each module/course

FAILURE OF A MODULE/COURSE
SHCS 7.7

7.7.1 Faculty rules apply

VIEWING AND REMARKING OF SCRIPTS
SHCS 8.8

8.8.1 Faculty rules apply

REGISTRATION AND RENEWAL OF REGISTRATION
SHCS 9.9

9.9.1 Faculty rules apply
9.9.2 In the case of excluded students for the third and fourth level of student, the student shall apply to the Director through the Head of Department for review.

9.9.3 Students may attend summer/winter school and participate online only for those modules/courses/practicals officially registered for. Full attendance of Summer and winter schools is compulsory and students who fail to attend these compulsory sessions may not be allowed to take courses in the following semester.

9.9.4 A student is responsible for the composition of his/her programme in so far as its compliance with the General Rules of the Faculty and the Rules of the School of Health Care Sciences are concerned. The number of courses that a student may take in each semester will be determined and approved in consultation with the Director of the School. The student’s academic performance will determine the number of courses recommended.

9.9.5 A candidate may register for the first and subsequent times before the closing date for academic registration.
9.9.6 If a student registers for courses offered in the second semester, he/she must still register as a student by closing date of the academic year.
RULES FOR MASTER DEGREE PROGRAMME

SHCS 10.10
10.10.1 Faculty rules apply except where it is specified by department.

10.10.2 In addition to the rules in this Section, those contained under Section A (General Rules) and Section C (Rules for Postgraduate Study) also applies.

10.10.3 Admission criteria:

10.10.3.1 A relevant honours bachelor’s degree or equivalent

10.10.3.2 The criteria as determined by the School, wherein each applicant is scored on the following:

   (i) Academic qualifications and the quality of academic records
   (ii) Nature, experience and relevance of work applicant is involved in
   (iii) Community involvement
   (iv) Essay/statement of purpose
   (v) Medunsa Campus: Computer literacy

10.10.4 COMPOSITION OF A PROGRAMME

10.10.4.1 A Masters of Public Health (MPH) is a coursework masters programme. Medunsa Campus: it is offered by a combination of online and face-to-face lectures.

10.10.4.2 The assessment is done through weekly whiteboard contributions, assignments, projects and an examination for modules, plus a mini-dissertation.

10.10.5 ASSESSMENT OF THE DISSERTATION/MINI-DISSERTATION

In addition to the General Rules the following specific rule shall apply

10.10.5.1 On the recommendation of the supervisor and the Faculty, the Executive Committee of Senate appoints an assessment panel consisting of the supervisor, the co-supervisor(s) (if any) as internal assessor(s), and at least one external assessor. (A co-supervisor may not act as an external assessor.)

10.10.6 REQUIREMENTS FOR AWARDING THE COURSEWORK MASTERS OF PUBLIC HEALTH DEGREE

In addition to the General Rules the following specific shall apply

10.10.6.1 The coursework MPH degree is awarded on the grounds of

   (i) Completion of the required modules/courses.
   (ii) Submission of a dissertation as required by the School.

DURATION

SHCS 11.11
The study period extends over a period of at least three academic year’s full time.

Practical Work: Students do practical work as part of their training in accordance with the South African Nursing Council requirements.

Curriculum

SHCS 12.12
The curriculum is as follows:

13 REGISTERING MODULES/COURSES FOR NON-DEGREE PURPOSES

SHCS13

13.1 A student who wishes to register a course/module for non-degree purposes will do so under the
criteria and conditions as set out by the School.

13.2 The School offers distance learning courses.

14. ADMISSION TO STUDIES

SHCS14
14.1 The General rules of the Faculty shall apply as stipulated.
14.2 A student must register for the academic year at the beginning of each year before the prescribed closing date.
   Medunsa Campus: Courses for the second semester are to be registered for by end of July of the particular year.

15. THE MASTER OF PUBLIC HEALTH PROGRAMME

15.1 Core Modules
   The following are the core modules of the MPH programme:
   Epidemiology
   Biostatistics
   Principles of Health Education and Health Promotion
   Research Methods in Public Health
   Principles of Environmental Health Or Principles of Occupational Health
   Health Systems Management and Policy

DEFINITIONS OF TERMINOLOGY

(i) Examination Course / Module
   A course/module on which there will be a written/oral/practical examination at the end of the period of study.

(ii) Year Mark
   This is a mark derived from tests, projects, exercises, etc. done during the year either in any one subject course or during the modules of a programme year.

(iii) Examination Mark
   The mark that the student receives for his performance in an examination at the end of an examination course, module, semester or programme year.

(iv) Final Combined Mark
   Is determined by a formula derived from the year mark and the examination mark.

(v) Discipline
   Any separately identifiable branch of medicine.

(vi) Semester
   A semester is a six-month period for study purposes

(vii) Winter School
   A compulsory two-week attendance session with other students and school at the beginning of each winter semester.

(viii) Summer School
   A compulsory two-week attendance session with other students and School at the beginning of each summer semester

(x) Course Requirements
Specific pre-determined requirements for successful completion of a specific course.

RULES FOR DOCTORATE DEGREE PROGRAMME

15.1 In addition to the rules in this Section, those contained under Section A (General Rules) and Section C (Rules for Postgraduate Study) also applies.

15.2. Minimum admission criteria:
   (i) A Masters degree in Public Health or equivalent qualification.
   (ii) Scoring process which includes the following:
        • Academic qualifications and the quality of academic records
        • Nature, experience and relevance of work applicant is involved in
        • Community involvement
        • Essay/statement of purpose

15.3. Before a candidate is accepted for doctoral study, the School must be convinced that the candidate has sufficient knowledge of the field of study to be able to fulfil the requirements for the degree.

15.4. REQUIREMENTS FOR AWARDING A DOCTORAL DEGREE
15.4.1 The Doctor of Public Health (DrPH) degree is awarded on the grounds of a completed thesis and other specified requirements of the School.
15.4.2 The assessment panel may subject a candidate to a defence of the thesis.

15.4.3 THESIS
For each DrPH candidate, a doctoral committee shall be established as per School rules
2.1 ADMISSION AND SELECTION REQUIREMENTS

2.11 Admission requirements

Applicants must be in possession of a Matriculation/Matriculation Exemption Certificate, produce proof of registration with the SA Nursing Council as a General Nurse and should have practised as a registered nurse for at least one (1) year.

2.1.2 Selection requirements

(i) Only a limited number of applicants can be admitted to the degree programme. Students are selected on merit by a Selection Committee and notified by the Office of the Registrar

(ii) The total score should comprise a sum of the rating of all subjects passed in the Matriculation examination e.g.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Grade</th>
<th>Rating</th>
</tr>
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<td>E4</td>
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<td>HG</td>
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<td>HG</td>
<td>C6</td>
</tr>
<tr>
<td>Geography</td>
<td>HG</td>
<td>E4</td>
</tr>
</tbody>
</table>

NB: The following will also be taken into consideration:
- A completed nursing college diploma course +1
- A completed post basic registration clinical or non-clinical course at a Technikon or college of nursing +1
- completed degree programme degree subject/s/course/s:
  - 1 subject +1
  - 2 different subjects +2
  - 2 subjects of the same course +2
- completed degree programme +3

2.1.3 Foreign Students

Foreign students will be admitted on the proviso that they meet the Admission and selection requirements of the university, and are prepared to pay the full tuition and residence fee at the rate provided for foreign students in the Fees Brochure. Foreign students must be registered with the SANC and meet all their requirements for further study in RSA.

Please note that students who are not SA Citizens, after completion of their study period, are not allowed to practice as nurse practitioners in SA

2.2 GENERAL
The Bachelor of Advanced Nursing Science (BNSc) programme is a degree programme offered over a minimum period of three years full time or part-time. (NB. Students who have a university diploma in nursing administration or education will be credited accordingly).

The course is a post-registration degree programme presented in modules with clinical and non-clinical pathways in line with the South African Council's R212. Non-clinical pathways include Nursing Education, and Nursing Management. Clinical pathways will include Community Health Nursing Science, Midwifery and Neonatal Nursing Science, Medical and Surgical Nursing Science, Child Nursing, Occupational Health Nursing Science, Clinical Nursing Science, Health Assessment, Treatment and Care, Psychiatric Mental Health Nursing Science: NOTE: All pathway subjects will be registerable with the SA Nursing Council for additional qualification.

Necessary practical work is done during university vacation and if necessary, over weekends.

A student may apply for exemption for modules/subjects that have been completed and passed at University of Limpopo or at any other university provided that: The original transcript (or a certified copy) of the modules/subjects passed is produced the period of passing such modules/subjects does not exceed five (5) years.

2.3 CURRICULUM – BNSc

2.3.1 COMMUNITY HEALTH NURSING SCIENCE (022CNS)

2.3.1.1 CORE (COMPULSORY) MODULES 022CNS I

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>NUDY101 Nursing Dynamics &amp; Professionalism</td>
</tr>
<tr>
<td>GRDY101 Group Dynamics</td>
</tr>
<tr>
<td>PRHC101 Primary Health Care</td>
</tr>
<tr>
<td>REME101 Research Methodology</td>
</tr>
<tr>
<td>PCLY101 Psychology I</td>
</tr>
<tr>
<td>PRMA101 Principles of Management</td>
</tr>
<tr>
<td>PHAR121 Pharmacology</td>
</tr>
<tr>
<td>SCLG102 Sociology (2nd yr)</td>
</tr>
<tr>
<td>MRIT101 Media &amp; Information Technology (2nd yr)</td>
</tr>
<tr>
<td>HHRI301 Health &amp; Human Rights (3rd yr)</td>
</tr>
<tr>
<td>LEAD301 Leadership (3rd yr)</td>
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</tbody>
</table>

2.3.1.2 CNS MODULES

022CNS II

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHNP201 Community Health Nursing Practice</td>
</tr>
<tr>
<td>TPHC301 Trends in Primary Health Care</td>
</tr>
<tr>
<td>EPOD301 Epidemiology</td>
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022CNS III

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>HEPR301 Health Promotion</td>
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<tr>
<td>HIVA301 HIV and AIDS</td>
</tr>
<tr>
<td>CDPM301 Community Development and Project Management OR</td>
</tr>
<tr>
<td>ELDC301 Elderly Care</td>
</tr>
</tbody>
</table>

2.3.1.3 MODULES FOR 2ND PATHWAY/SPECIALITY CHOOSE ONE OTHER PATHWAY, EITHER CNS/NE (REQUIRED CREDITS: 120+)

34
### 2.3.1.4 HSM PATHWAY

**REGISTER FOR: CORE MODULE**

See 022HMS

**HSM MODULES**

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Module Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HMAN201</td>
<td>Health Service Management I</td>
<td>22</td>
</tr>
<tr>
<td>PSMA201</td>
<td>Personnel Management I</td>
<td>26</td>
</tr>
<tr>
<td>PAMP201</td>
<td>Practical Application of Managerial Principles and Processes I</td>
<td>12</td>
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<tr>
<td>THSM301</td>
<td>Trends in Health Service Management</td>
<td>16</td>
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<td>Health Service Management II</td>
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### 2.3.1.5 NE PATHWAY

**REGISTER FOR: CORE MODULE**

See 022 NE

**NE MODULES**

<table>
<thead>
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<tbody>
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<td>Media &amp; Information Technology (2nd yr)</td>
<td>4</td>
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<td>PRTE101</td>
<td>Principles of Tertiary Education</td>
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<td>Educational Principles &amp; Processes</td>
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<td>12</td>
</tr>
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<td>CDEV201</td>
<td>Curriculum Design and Evaluation I</td>
<td>24</td>
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<td>THED301</td>
<td>Trends in Higher Education</td>
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<td>EDPP301</td>
<td>Educational Principles &amp; Processes</td>
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<td>Practical Application of Educational Principles &amp; Processes</td>
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</tr>
<tr>
<td>TMEP301</td>
<td>Theories &amp; Models influencing Educational processes</td>
<td>24</td>
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</table>

### 2.3.1.6 PSYCHIATRIC NURSING SCIENCE (022PSYCH)

MIDWIFERY & NEONATAL CARE (022MIDNC)

MEDICAL SURGICAL NURSING (022MSN)

**NOT ACTIVE FOR 2008**

### NOTE REGARDING CREDIT TOTALS:

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<thead>
<tr>
<th>Module Combination</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSM &amp; CNS</td>
<td>380</td>
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<td>CNS &amp; HSM</td>
<td>364</td>
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<td>HSM &amp; NE</td>
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<tr>
<td>CNS &amp; NE</td>
<td>380</td>
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</tbody>
</table>

### 2.3 CURRICULUM – BNSc

### 2.3.2 HEALTH SERVICE MANAGEMENT (022HSM)

**022HSM I**

### 2.3.2.1 CORE (COMPULSORY) MODULES
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NUDY101</td>
<td>Nursing Dynamics &amp; Professionalism</td>
<td>8</td>
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<tr>
<td>GRDY101</td>
<td>Group Dynamics</td>
<td>8</td>
</tr>
<tr>
<td>REME101</td>
<td>Research Methodology</td>
<td>16</td>
</tr>
<tr>
<td>PCLY101</td>
<td>Psychology I</td>
<td>12</td>
</tr>
<tr>
<td>PRMA101</td>
<td>Principles of Management</td>
<td>12</td>
</tr>
<tr>
<td>PHAR121</td>
<td>Pharmacology</td>
<td>8</td>
</tr>
<tr>
<td>HHRI301</td>
<td>Health and Human Rights (3rd yr)</td>
<td>8</td>
</tr>
<tr>
<td>LEAD301</td>
<td>Leadership (3rd yr)</td>
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<tr>
<td>PRHC101</td>
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<td>16</td>
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### 2.3.2.2 HSM MODULES

#### 022HSM II

<table>
<thead>
<tr>
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<th>Credits</th>
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<tbody>
<tr>
<td>HMAN201</td>
<td>Health Service Management I</td>
<td>22</td>
</tr>
<tr>
<td>PSMA201</td>
<td>Personnel Management</td>
<td>26</td>
</tr>
<tr>
<td>PAMP201</td>
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</table>

#### 022HSM III

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
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### 2.3.2.3 MODULES FOR 2ND PATHWAY/SPECIALITY

**CHOOSE ONE OTHER PATHWAY, EITHER CNS/NE (REQUIRED CREDITS: 120+)

#### 2.3.2.4 CNS PATHWAY

**REGISTER FOR:**

**CORE MODULE**

<table>
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See 022CNS

#### CNS MODULES

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<td>Epidemiology</td>
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</tr>
<tr>
<td>CHNP201</td>
<td>Community Health Nursing Practice</td>
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<td>HIV and AIDS</td>
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<td>Community Development and Project Management OR</td>
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#### 2.3.2.5 NE PATHWAY

**REGISTER FOR:**

**CORE MODULES**

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See 022 NE

#### NE MODULES

<table>
<thead>
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<th>Course Title</th>
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<tbody>
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<td>Course Title</td>
<td>Credits</td>
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<tr>
<td>CDEV201</td>
<td>Curriculum Design &amp; Evaluation I</td>
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<tr>
<td>EDPP301</td>
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<tr>
<td>TMEP301</td>
<td>Theories &amp; Models Influencing Educational Processes</td>
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<tr>
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<td>MIDWIFERY &amp; NEONATAL CARE (022MIDNC)</td>
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<td></td>
<td>MEDICAL SURGICAL NURSING (022MSN)</td>
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**NOT ACTIVE FOR 2008**

**NOTE REGARDING CREDIT TOTALS:**

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HSM &amp; CNS</td>
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<tr>
<td>CNS &amp; HSM</td>
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<td>364</td>
</tr>
<tr>
<td>CNS &amp; NE</td>
<td>380</td>
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**2.3 CURRICULUM – BNSc**

**2.3.3 NURSING EDUCATION (022NE)**

**2.3.3.1 CORE (COMPULSORY) MODULES**

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Module Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>022NE I</td>
<td></td>
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<tr>
<td>NUDY101</td>
<td>Nursing Dynamics &amp; Professionalism</td>
<td>8</td>
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<td>GRDY101</td>
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<td>PCLY101</td>
<td>Psychology I</td>
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<td>Media &amp; Information Technology (2nd yr)</td>
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<tr>
<td>HHRI301</td>
<td>Health &amp; Human Rights (3rd yr)</td>
<td>8</td>
</tr>
<tr>
<td>LEAD301</td>
<td>Leadership (3rd yr)</td>
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**2.3.3.2 NE MODULES**

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<tbody>
<tr>
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<tr>
<td>EDPP201</td>
<td>Educational Principles &amp; Processes</td>
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<td>CDEV201</td>
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<td>THED301</td>
<td>Trends in Higher Education</td>
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<td>EDPP301</td>
<td>Educational Principles and Processes</td>
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<td>Practical Application of Educational Principles &amp; Processes</td>
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</tr>
<tr>
<td>TMEP301</td>
<td>Theories &amp; Models Influencing Educational Processes</td>
<td>24</td>
</tr>
</tbody>
</table>

**2.3.3.3 MODULES FOR 2ND PATHWAY/SPECIALITY**

**CHOOSE ONE OTHER PATHWAY, EITHER CNS/NE (REQUIRED CREDITS: 120 +)**

**2.3.3.4 HMS PATHWAY**

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Module Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HMAN201</td>
<td>Health Service Management I</td>
<td>22</td>
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<td>PSMA201</td>
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<tr>
<td>Course Code</td>
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<td>Credits</td>
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<tr>
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<tr>
<td>PAMP201</td>
<td>Practical Application of Managerial Principles &amp; Processes I</td>
<td>12</td>
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<tr>
<td>THSM301</td>
<td>Trends in Health Service Management</td>
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<tr>
<td>HMAN301</td>
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<td>PSMA301</td>
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</tbody>
</table>

### 2.3.3.5 CNS PATHWAY

#### REGISTER FOR:

**CORE MODULE**

See 022CNS

**CNS MODULES**

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Module Title</th>
<th>Credits</th>
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</thead>
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**CNS MODULES**

<table>
<thead>
<tr>
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<th>Module Title</th>
<th>Credits</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>TPHC301</td>
<td>Trends in Primary Health Care</td>
<td>16</td>
</tr>
<tr>
<td>EPOD301</td>
<td>Epidemiology</td>
<td>12</td>
</tr>
<tr>
<td>HEPR301</td>
<td>Health Promotion</td>
<td>24</td>
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<tr>
<td>HIVA301</td>
<td>HIV and AIDS</td>
<td>24</td>
</tr>
<tr>
<td>CDPM301</td>
<td>Community Development &amp; Project Management <strong>OR</strong></td>
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</tr>
<tr>
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<td>Elderly Care</td>
<td>24</td>
</tr>
</tbody>
</table>

### 2.3.3.6 PSYCHIATRIC NURSING SCIENCE (022PSYCH)

- MIDWIFERY & NEONATAL CARE (022MIDNC)
- MEDICAL SURGICAL NURSING (022MSN)

#### NOT ACTIVE FOR 2008

### 2.4 PROMOTION RULES RELATING TO BNSc

#### 2.4.1 Promotion to the following year of study

A student who for nursing subjects, writes all the tests, and obtains no less than 50% in any of the tests written, presents her/himself in all the relevant clinical assessments and proficiencies and has an average of 60% or more for a year mark, shall on application qualify for an exemption from the final examination.

Such a student's final year mark shall not exceed 60% irrespective of the actual year mark. This will be the mark to be reflected on the transcript for that subject.

#### 2.4.2 Granting of Degree

The degree is awarded to a student who has completed the stipulated practica programme and has passed all the required examinations and has the required credits: **360 credits**.

#### 2.4.3 Degree with Distinction

The degree with distinction is awarded to a student who obtains a minimum of 75% in his/her optional
modules, in the final year and a minimum of 65% in all other modules.

2.4.4 Carrying of courses

Students are not allowed to carry a failed course to the next year except courses that can be attended on a part-time basis and the timetable allows such. NB: Approval to be obtained from the head of department.

2.4.5 Registration for courses in advance

A student who repeats a year of study may be permitted to register for a maximum of two courses in advance, provided:
(i) such a student is repeating not more than two courses;
(ii) pre-requisites for courses to be registered for have been met, and
(iii) the courses can be fitted in the existing time schedule
Courses that have pre-requisites are as follows:

<table>
<thead>
<tr>
<th>HSb3 B CUR DEGREE PROGRAMME (007)</th>
</tr>
</thead>
</table>

3.1 ADMISSION AND SELECTION REQUIREMENTS

3.1.1 Admission requirements

Applicants must be in possession of a Matriculation/Matriculation Exemption Certificate with a pass marks in two or all of the following courses: Mathematics and Physical Science, and Biology preferably on the higher grade, symbol E or standard grade symbol C.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>Life Sciences</td>
<td>4</td>
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<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>Language of Learning / English</td>
<td>4</td>
</tr>
<tr>
<td>Additional subject 1History / Agricultural /Geography</td>
<td>3</td>
</tr>
<tr>
<td>Additional subject 2 Consumer studies / Information technology</td>
<td>3</td>
</tr>
<tr>
<td>Life orientation</td>
<td>3</td>
</tr>
<tr>
<td><strong>TOTAL POINTS</strong></td>
<td><strong>26</strong></td>
</tr>
</tbody>
</table>

3.1.2 Selection requirements

(i) Only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly by the Office of the Registrar.

(ii) Only students with a minimum rating on the Swedish rating scale of 8 will be considered. A student should obtain at least symbols E Higher Grade for any two of the courses Mathematics, Physical Science and Biology

The Swedish Rating Scale is as follows:

<table>
<thead>
<tr>
<th>HIGHER GRADE</th>
<th>STANDARD GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A = 8</td>
<td>A = 6</td>
</tr>
<tr>
<td>B = 7</td>
<td>B = 5</td>
</tr>
<tr>
<td>C = 6</td>
<td>C = 4</td>
</tr>
</tbody>
</table>
3.2 GENERAL

3.2.1 Registration with the SA Nursing Council (SANC) and a Nursing Association

In terms of the Nursing Act, B Cur students must

(i) On Admission to the University, register with the SA Nursing Council before 31 March of the year of Admission and pay the prescribed registration fee.
(ii) Re-register with the SANC following a break in clinical practica and pay the prescribed re-registration fee.
(iii) Register as junior members with the democratic Nursing Organisation of SA and pay the prescribed annual membership fee.

3.2.2 Information on B Cur

(i) B Cur is a degree programme leading to registration by the SA Nursing Council as a Nurse (general, psychiatric, community) and midwife. The duration of the degree programme is four (4) years.
(ii) Clinical practical in an approved hospital is a compulsory part of each year of study.
(iii) A clinical schedule, to which students must adhere, is compiled in co-operation with the approved institution and in accordance with the theory timetable, and Rule G3 applies.

3.3 CURRICULUM

3.3.1 B Cur I (007)

<table>
<thead>
<tr>
<th>EXAMINATION COURSES</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANATM109 Anatomy A</td>
<td>16</td>
</tr>
<tr>
<td>BPHY103 Biophysics IC</td>
<td>16</td>
</tr>
<tr>
<td>CHMY103 Chemistry IC</td>
<td>16</td>
</tr>
<tr>
<td>NUPR101 Nursing Practice I</td>
<td>16</td>
</tr>
<tr>
<td>NUSA101 Nursing Science and Art I</td>
<td>16</td>
</tr>
<tr>
<td>PCLY101 Psychology I</td>
<td>16</td>
</tr>
<tr>
<td>ENGS106 English Language</td>
<td>12</td>
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<tr>
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</tr>
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</table>

600 HOURS

3.3.2 B Cur II

<table>
<thead>
<tr>
<th>EXAMINATION COURSES</th>
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</tr>
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<tbody>
<tr>
<td>CNSC101 Community Nursing Science I</td>
<td>22</td>
</tr>
<tr>
<td>MIPA201 Microbiology and Parasitology</td>
<td>12 &amp; 6</td>
</tr>
<tr>
<td>NUSA201 Nursing Science &amp; Art II</td>
<td>18</td>
</tr>
<tr>
<td>NUPR201 Nursing Practice II</td>
<td>22</td>
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<tr>
<td>PHYL203 Physiology IB</td>
<td>24 &amp; 8 Lab</td>
</tr>
<tr>
<td>PCLY201 Psychology II</td>
<td>22 &amp; 8</td>
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<tr>
<td>Clinical Practical:</td>
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</tr>
</tbody>
</table>

750 HOURS

3.3.3 B Cur III

<table>
<thead>
<tr>
<th>EXAMINATION COURSES</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Code</td>
<td>Course Name</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>CNSC201</td>
<td>Community Nursing Science II</td>
</tr>
<tr>
<td>MWIF301</td>
<td>Midwifery I</td>
</tr>
<tr>
<td>NUSA301</td>
<td>Nursing Science and Art III</td>
</tr>
<tr>
<td>NUPR301</td>
<td>Nursing Practice III</td>
</tr>
<tr>
<td>PSNS301</td>
<td>Psychiatric Nursing Science I</td>
</tr>
<tr>
<td>SCLG302</td>
<td>Sociology I – Full year course</td>
</tr>
<tr>
<td>PHAR321</td>
<td>Pharmacology</td>
</tr>
<tr>
<td><strong>Clinical Practical:</strong></td>
<td>As scheduled</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>


### FACULTY RULES APPLICABLE TO THE B CUR DEGREE PROGRAMME

#### 3.4.1 Promotion to the following year of study

(i) A student who fails Sociology in the re-examination shall be permitted to register for the following year of study i.e. fourth and final year and must repeat the failed Sociology in that year.

(ii) A student who, for the nursing subjects, writes all the tests, and obtains no less than 45% in any of the tests written, presents herself/himself in all the relevant clinical assessments and proficiencies and has an average of 60% or more for a year mark, shall on application qualify for an exemption from the final examination.

(iii) Such a student’s final year mark shall not exceed 60% irrespective of the actual year mark. This will be the mark to be reflected on the transcript for that subject.

#### 3.4.2 Granting of Degree

The degree B Cur is awarded to a student who has completed the stipulated practical programme and has passed all the required examinations including Sociology.

#### 3.4.3 Failure of the Fourth and Final Year of Study

(i) The general rules pertaining to the standard examination, re-examination and deferred examination shall apply

(ii) A student who fails the fourth and final year of study in the standard examination as well as the re-examination, may be admitted to the mid-year examination period of the following year provided s/he has not failed more than two courses. Nursing practice appropriate to the courses will also be repeated. The examination shall be on the content of the full course.

(iii) Should a student fail more than two courses s/he will repeat the full year.

(iv) A student who writes and fails the mid-year examination may be admitted to a further examination at the end of the year.

(v) If a student fails the final year twice, rule G14.3 is applicable.

#### 3.4.4 Carrying of courses

Students are not allowed to carry a failed course to the next year except courses that can be attended on a part-time basis and the timetable allows such. NB: Approval to be obtained from the head of department.

#### 3.4.5 Registration for courses in advance

A student who repeats a year of study may be permitted to register for a maximum of two courses in advance, provided:

(i) such a student is repeating not more than two courses;

(ii) pre-requisites for courses to be registered for have been met, and
(iii) the courses can be fitted in the existing time schedule

Courses that have pre-requisites are as follows:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing Science and Art II</td>
<td>Nursing Science and Art I</td>
</tr>
<tr>
<td>Nursing Practice II</td>
<td>Nursing Practice I</td>
</tr>
<tr>
<td>Nursing Science and Art III</td>
<td>Nursing Science and Art II</td>
</tr>
<tr>
<td>Nursing Practice III</td>
<td>Nursing Practice II</td>
</tr>
<tr>
<td>Nursing Science and Art IV</td>
<td>Nursing Science and Art III</td>
</tr>
<tr>
<td>Nursing Practice IV</td>
<td>Nursing Practice III</td>
</tr>
<tr>
<td>Community Nursing Science II</td>
<td>Community Nursing Science I</td>
</tr>
<tr>
<td>Psychiatric Nursing Science II</td>
<td>Psychiatric Nursing Science I</td>
</tr>
<tr>
<td>Midwifery II</td>
<td>Midwifery I</td>
</tr>
</tbody>
</table>

3.4.6 Degree with Distinction (*Cum Laude*)

The degree with distinction is awarded to a student who in the prescribed final examination obtains not less than 65% in any one course and a minimum of 75% in three of the following courses:

- Community Nursing Science II
- Midwifery II
- Nursing Science and Art IV
- Psychiatric Nursing II

3.4.7 Requirements for registration with SANC as a Registered Nurse Practitioner

Students must complete all requirements for education and training of a Nurse (General, Psychiatric and Community) and Midwife (R425 of 22 February 1985) as amended, conditions for registration (admission to the register). This includes:

- Successful completion of the course/programme (General, Psychiatric, Community and Midwife)
- Complying with the programme objectives/outcomes
- Any other requirements for the award of the qualifications concerned

No single registration shall be granted by SANC after termination of training from the four-year programme.

The result is that no academic qualification can be awarded by the University/Nursing Education Institution on termination of training.

The process to follow on termination of training after the 3rd year or during the 4th year of training, or at the end of the 4th year where outcomes of the course have not been achieved is stipulated in circular 06/2007, 13 June 2007.

Application to SANC to challenge the final examination of the Bridging course for Enrolled Nurses, towards registration as a Nurse will only be accepted within 3yrs after termination of the 4yr course (R425 of 22 February 1985).

3.4.8 Compulsory Community Service

After successful completion of the 4year course, it is required that all SA Citizens do a compulsory period
of community health service in a SA Health Institution (not private sector), such as for example a hospital or clinic. Allocations for the community service are done by the SA Health Department.

3.4.9 Foreign students

Please note that students who are not SA Citizens, after completion of their study period, are not allowed to practice as nurse practitioners in SA

| HSb4 B OCC THER DEGREE PROGRAMME (005) |

4.1 SELECTION AND ADMISSION REQUIREMENTS

4.1.1 Selection

(i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly by the Office of the Registrar.

(ii) Students who have been refused re-registration in a Faculty of Health Care Sciences at any other University shall not be admitted to this health Sciences Faculty

4.1.2 Admission Requirements

Pre – 2008 Matriculants:

Applicants must be in possession of a Matriculation/Matriculation Exemption Certificate with pass marks in two or all of the following courses: Physical Science, Biology and Mathematics.

Only students with a minimum on the Swedish rating scale of 8 will be considered.

National Senior Certificate (NSC) Applicants:

Applicants require the following minimum Admission Point Score (APS)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Sciences</td>
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<tr>
<td>Mathematics</td>
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</tr>
<tr>
<td>Physical Sciences</td>
<td>4</td>
</tr>
<tr>
<td>Language of Learning</td>
<td>4</td>
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<td>Life Orientation</td>
<td>3</td>
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<tr>
<td>2Additional Subjects</td>
<td>3 (each)</td>
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<tr>
<td><strong>Total Points</strong></td>
<td><strong>25</strong></td>
</tr>
</tbody>
</table>

4.1.3 Registration with the HPCSA

All students admitted for the first time must register with the Health Professions Council of South Africa on or before 28 February of the relevant year. The HPCSA requires the following before registration can be effected:

- Identity Document
- Registration fee as determined by the HPCSA.

4.1.4 General
Duration: The training period covers a minimum of four years.

General information concerning requirements, responsibilities and career opportunities for Occupational Therapists is contained in a brochure obtainable from the Office of the Registrar.

### 4.2 CURRICULUM

#### 4.2.1 B Occ Ther I (005)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTM108</td>
<td>Anatomy I</td>
<td>36</td>
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<tr>
<td>BPHY103</td>
<td>Biophysics I</td>
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<td>PCLY101</td>
<td>Psychology I</td>
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<td>SCLG101</td>
<td>Sociology</td>
<td>5</td>
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<tr>
<td>THEM102</td>
<td>Therapeutic Media I</td>
<td>15</td>
</tr>
<tr>
<td>FUOT101</td>
<td>Fundamentals of Occupational Therapy I</td>
<td>6</td>
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<td>ITTH101</td>
<td>Intervention Theory I</td>
<td>5</td>
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<tr>
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<td>OCTA101</td>
<td>Occupational Therapy Applied I</td>
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#### 4.2.2 B Occ Ther II

<table>
<thead>
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</tr>
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<tr>
<td>OCTA201</td>
<td>Occupational Therapy Applied II</td>
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<td>ITTH201</td>
<td>Intervention Theory II</td>
<td>24</td>
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<tr>
<td>PHYL203</td>
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<td>Therapeutic Media II</td>
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<tr>
<td>PCLY201</td>
<td>Psychology II</td>
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<tr>
<td>CLSC103</td>
<td>Clinical Science IA Including SOPA101 Social Pathology</td>
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<td>FUOT201</td>
<td>Fundamentals of Occupational Therapy II</td>
<td>4</td>
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<td>English Language</td>
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#### 4.2.3 B Occ Ther III

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<tbody>
<tr>
<td>OCTA301</td>
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<td>Fundamentals of Occupational Therapy III</td>
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<td>Therapeutic Media III</td>
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<tr>
<td>Module B:</td>
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<td>Module C:</td>
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<tr>
<td></td>
<td>Neurology</td>
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</tr>
<tr>
<td></td>
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<tr>
<td></td>
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<tr>
<td></td>
<td>Cardiotoracic Surgery</td>
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<tr>
<td></td>
<td>Community Medicine</td>
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</tr>
<tr>
<td></td>
<td>Hand Surgery</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Obstetrics &amp; Gynaecology III</td>
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</tr>
<tr>
<td></td>
<td>Ophthalmology</td>
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<td></td>
<td>Orthopaedics</td>
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<td></td>
<td>Plastic Surgery</td>
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<tr>
<td></td>
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<tbody>
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<tr>
<td>Module C:</td>
<td>Internal Medicine</td>
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<tr>
<td></td>
<td>Neurology</td>
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<td></td>
<td>General Surgery</td>
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<tr>
<td></td>
<td>Cardiotoracic Surgery</td>
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<td></td>
<td>Community Medicine</td>
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</tr>
<tr>
<td></td>
<td>Hand Surgery</td>
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<td></td>
<td>Obstetrics &amp; Gynaecology III</td>
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<td>Orthopaedics</td>
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<td></td>
<td>Plastic Surgery</td>
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<tr>
<td></td>
<td>Psychiatry</td>
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</table>

4.2.4 B Occ Ther IV

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<tr>
<th>Clinical: OCTA401</th>
<th>Occupational Therapy Applied IV</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Non-Clinical FUOT401</td>
<td>Fundamentals of Occupational Therapy IV</td>
<td>25</td>
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<tr>
<td>ENGS422</td>
<td>English Language</td>
<td>7</td>
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<tr>
<td>TOTAL</td>
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<td>125</td>
</tr>
</tbody>
</table>

4.3 FACULTY RULES APPLICABLE TO THE B OCC THER DEGREE PROGRAMME

4.3.1 Year Mark

The General Rule applies to all courses.

4.3.2 Exemptions

A student who repeats a year of study may be exempted from courses except Occupational Therapy Applied II and III in accordance with the General Rule. A student who repeats Occupational Therapy Applied II and III will be granted provisional exemption in accordance with the General Rule.

4.3.3 Final Combined Mark

(i) Fundamentals of Occupational Therapy I, II, III & IV

The General Rules apply, together with a sub-minimum combined mark of 40% per module for FUOT 101, 201, and 301 and 50% per module for FUOT 401. Failure of one module constitutes failure of the subject. A student who repeats Fundamentals of Occupational Therapy I, II, and III shall not be exempted from any module passed.

(ii) Occupational Therapy Applied II, III, IV

A sub-minimum of 50% will apply to each section.

(iii) Intervention Theory II and III

A sub-minimum of 50% will apply to each section.
Therapeutic Media I - III
The General rules apply. In addition 20 credits for activity labs have to be obtained for each of the first, second and third year to pass the subject.

4.3.4 Re examination : First, Second and Third Years
(i) The General Rule applies.

4.3.5 Re examination: Fourth year
(i) Fundamentals of Occupational Therapy IV
(a) Failure of Module C constitutes failure of the course; a student who is re-examined shall receive full exemption for Modules A and B passed with a minimum combined mark of 50% for each module.
(b) Failure of Module A or B constitutes failure of the course; a student who is re-examined shall receive full exemption for Module C passed with a minimum combined mark of 50%.
(b) A student who fails to complete the research project at the end of the year will be allowed to finish the project within a maximum period of eight weeks at the beginning of the following academic year. The student does not re-register as it is considered to be a re-examination. The student who fails to finish the project within the specified time must re-register for B Occ Ther IV.

(ii) Occupational Therapy Applied IV
A student who fails more than two sections has to repeat the year.

A student who fails not more than two sections may be admitted to a re-examination. The minimum period for clinical exposure will be one final year block per section failed. A new year mark has to be obtained. The Examination Committee will decide on the programme for such a student. The student does not re-register as it is considered to be a re-examination. The external examiner must be involved in the re-examination.

The student who fails to complete the block/s before the third week of April must re-register for B Occ Ther IV.

4.3.6 Degree with Distinction
The degree with distinction is awarded to a student who obtains an average of at least 75% for the combined course of the final examination, subject to a minimum mark allocation of 65% in any one section.

HSb6 BSc (DIET) DEGREE PROGRAMME (004)

6.1 SELECTION AND ADMISSION REQUIREMENTS

6.1.1 Selection
For practical reasons only a limited number of applicants be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly by the Office of the Registrar.

Students who have been refused re-registration at any other University shall not be admitted to this programme.

Students who have been excluded from other courses or programmes at University of Limpopo shall not
be admitted into this programme.

6.1.2 Admission requirements

BSc (Diet) I
Applicants should have the following minimum Admission Point Scores (APS)

<table>
<thead>
<tr>
<th>Subject</th>
<th>National Certificate Achievement Level</th>
<th>Senior Certificate Higher Grade</th>
<th>APSc</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>4</td>
<td>D</td>
<td>4</td>
</tr>
<tr>
<td>Physical Sciences</td>
<td>4</td>
<td>D</td>
<td>4</td>
</tr>
<tr>
<td>Language of learning and Teaching (English)</td>
<td>4</td>
<td>D</td>
<td>4</td>
</tr>
<tr>
<td>Life Sciences</td>
<td>4</td>
<td>D</td>
<td>4</td>
</tr>
<tr>
<td>Life Orientation</td>
<td>3</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Additional subject 1</td>
<td>3</td>
<td>E</td>
<td>3</td>
</tr>
<tr>
<td>Additional subject 2</td>
<td>3</td>
<td>E</td>
<td>3</td>
</tr>
<tr>
<td>Total Points</td>
<td></td>
<td></td>
<td>25</td>
</tr>
</tbody>
</table>

(iii) BSc (Diet) II
Applications for Admission to BSc (Diet) II will be considered from students who have passed all the BSc (Diet) I and the following subject at a recognised university and programme:
(a) Nutrition I
(b) Chemistry I

(iv) BSc (Diet) III
Applications for admission to BSc (Diet) III will be considered from students who have passed all the BSc (Diet) I and the following subject at a recognised university and programme:
(a) Nutrition II
(b) Physiology I
(c) Food Science
(d) Food Microbiology
(e) Research Design and Statistics
Or any subjects which can be considered as an equivalent of the mentioned subjects

6.2 GENERAL

6.2.1 Registration with the HPCSA

All students admitted to the first year of study must register with the Health Professions Council of South Africa on or before 28 February of the current year.

☐ Identity Document
☐ Registration fee as determined by the HPCSA

6.2.2 Definition

Dietetics as a profession refers to nutritional care, as part of health service to individuals, groups and communities with the objective of promoting and maintaining health and quality of life.

6.2.3 Duration

The degree programme extends over a minimum period of four years.
### 6.3 CURRICULUM  BSc (Dietetics) (004)

#### 6.3.1 BSc (Dietetics) I

**EXAMINATION COURSES**

<table>
<thead>
<tr>
<th></th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Clinical:</strong></td>
<td></td>
</tr>
<tr>
<td>BLGY102 Biology I</td>
<td>24</td>
</tr>
<tr>
<td>CHMY104 Chemistry IB</td>
<td>22</td>
</tr>
<tr>
<td>HUSC101 Human Science</td>
<td>24</td>
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<tr>
<td>ENGL106 English Language</td>
<td>24</td>
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<tr>
<td><strong>Clinical:</strong></td>
<td></td>
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<tr>
<td>NTRN108 Nutrition I</td>
<td>26</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>120</strong></td>
</tr>
</tbody>
</table>

#### 6.3.2 BSc (Dietetics) II

**EXAMINATION COURSES**

<table>
<thead>
<tr>
<th></th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clinical:</strong></td>
<td></td>
</tr>
<tr>
<td>NTRN 208 Nutrition II</td>
<td>24</td>
</tr>
<tr>
<td>FSCI 208 Food Science I</td>
<td>24</td>
</tr>
<tr>
<td>FOSA 208 Food Service Administration I</td>
<td>16</td>
</tr>
<tr>
<td>THEN 208 Therapeutic Nutrition I</td>
<td>8</td>
</tr>
<tr>
<td><strong>Non-Clinical:</strong></td>
<td></td>
</tr>
<tr>
<td>PHYL203 Physiology IB</td>
<td>24</td>
</tr>
<tr>
<td>MICR203 Microbiology</td>
<td>16</td>
</tr>
<tr>
<td>RDST202 Research Design &amp; Statistics Module I</td>
<td>8</td>
</tr>
<tr>
<td>RDST203 Research Design &amp; Statistics Module II</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>128</strong></td>
</tr>
</tbody>
</table>

#### 6.3.3 BSc (Dietetics) III

**EXAMINATION COURSES**

<table>
<thead>
<tr>
<th></th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clinical:</strong></td>
<td></td>
</tr>
<tr>
<td>FOSA 308 Food Service Administration II</td>
<td>16</td>
</tr>
<tr>
<td>NTRN308 Nutrition III</td>
<td>24</td>
</tr>
<tr>
<td>COMN308 Community Nutrition I</td>
<td>32</td>
</tr>
<tr>
<td>THEN 308 Therapeutic Nutrition I</td>
<td>32</td>
</tr>
<tr>
<td>CLSC 314 Clinical Sciences (for Dietetics)</td>
<td>16</td>
</tr>
<tr>
<td>PMGT 314 Principles of Management</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>128</strong></td>
</tr>
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</table>

#### 6.3.4 BSc (Dietetics) IV

**EXAMINATION COURSES**

<table>
<thead>
<tr>
<th></th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clinical:</strong></td>
<td></td>
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<tr>
<td>FOSA408 Food Service Administration III</td>
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<tr>
<td>THEN408 Therapeutic Nutrition III</td>
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<tr>
<td>COMN408 Community Nutrition II</td>
<td>40</td>
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<tr>
<td>SEMN414 Nutrition Seminars</td>
<td>16</td>
</tr>
<tr>
<td><strong>Research:</strong></td>
<td></td>
</tr>
<tr>
<td>UGRP404 Undergraduate Research Project</td>
<td>16</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>152</strong></td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td><strong>536</strong></td>
</tr>
</tbody>
</table>

#### 6.3.5 Compulsory Practical Training
The practical training programme is designed to meet the requirements for registration of the Professional Board for Dietetics of the South African Health Professions Council. This consists of a total of at least 34 weeks, which includes a 23 week continuous internship at Gauteng and Limpopo Provinces health care facilities and community-based nutrition programmes during the latter part of the fourth year, whilst the other 11 weeks are spread throughout the third year and first part of the fourth year. The practical training will consist of three major components which will respectively complement their academic counterparts:

- Food Service Administration (to complement Food Service Administration I and II)
- Community Nutrition (complement Nutrition II, III & IV and Community Nutrition I and II)
- Therapeutic Nutrition (to complement Therapeutic Nutrition I and II and Clinical Science)

6.4 FACULTY RULES APPLICABLE TO THE BSc (DIETETICS) DEGREE PROGRAMME

6.4.1 Year Mark

BSc (Diet) IV: the year mark will be calculated for Community Nutrition II Therapeutic Nutrition II and Food Service Administration II as follows:

(i) Ten week block during the first part of the fourth year will contribute 30%.
(ii) Continuous Internship will contribute 70%.

6.4.2 Completion of practical training requirements for promotion

(i) Students are required to attend all practical training sessions contributing towards the internship and to complete and submit all assignments in the 3rd and 4th years.
(ii) A minimum pass mark of 50% is required for the practical training component of Community Nutrition I and II, Therapeutic Nutrition I and II, and Food Service Administration I and II.

6.4.3 Examination combined marks

The general rule (60% year mark and 40% examination mark) will apply to all clinical courses.

6.4.4 Exemptions

Students may obtain exemption for individual courses passed.

6.4.5 Re-examinations

The general rule G.11 applies.

6.4.6 Failure of the fourth year

(i) The General Rule pertaining to re-examinations (G11) applies to the final examinations at the end of the fourth year.
(ii) A student who fails the fourth year may be admitted to an extraordinary re-examination period during the following year, provided he/she has failed not more than two courses. Prior to the extraordinary re-examination the student must repeat the internship relevant to the failed course(s).
(iii) If a student fails more than two courses he/she is required to repeat the full year, including the internship.
(iv) A student who writes and fails the extraordinary re-examination may be admitted to a further re-examination at the end of the year. Prior to this re-examination the student must complete a further period of internship in the relevant course(s).
(v) The Faculty will consider re-registration for the final year of study of students who fail after the second attempt of internship on merit.

6.4.7 Courses taken in advance

Students may be allowed to take only one of the following subjects in advance, according to their different levels of study.
- First year: Research Design and Statistics REDS 212 and 222 or Microbiology 203
- Second year: Clinical Science (For Dietetics)

6.4.8 Carrying of Courses

Students may be allowed to carry only one of the following, provided that it is the only subject failed:

- First year: One module of Biology I.
- Second year: Microbiology MICR103 or Research Design and Statistics RDST202 and RDST203 into the third year of study only and never into the fourth year.

No other courses may be carried, under any circumstances.

6.4.9 Granting of Degree

A student is granted the BSc (Dietetics) degree after having passed all courses of the four years of study, meeting all compulsory practical training requirements, and having successfully completed the undergraduate research project.

6.4.10 Degree with distinction

(i) The degree with distinction is awarded to a student who obtains an average of at least 75% for the final year examination courses, written at the same time, with a sub-minimum of 65% in any one course.

(ii) Consideration shall also be given to the student’s first, second and third year performances.
<table>
<thead>
<tr>
<th>Subject</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Sciences</td>
<td>4</td>
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<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>Language of Learning</td>
<td>4</td>
</tr>
<tr>
<td>Life Orientation</td>
<td>3</td>
</tr>
<tr>
<td>2 Additional Subjects</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Score</strong></td>
<td><strong>27 Points</strong></td>
</tr>
</tbody>
</table>

The minimum total score for admission is 27 points

### 7.2 GENERAL

#### 7.2.1 Registration with the Health Professions Council of South Africa

All students admitted for the first time must register with the Health Professions Council of South Africa on or before 28 February of the current year. The HPCSA requires the following before registration can be effected:

- Identity Document
- Registration fee as determined by the HPCSA

#### 7.2.2 General Information

Information in respect of requirements, responsibilities and career opportunities for Physiotherapists is contained in a MEDUNSA brochure obtainable from the Office of the Registrar.

#### 7.2.3 Duration

The degree programme covers a minimum of four years.

### 7.3 CURRICULUM

#### 7.3.1 BSc (Physiotherapy) I (003)

<table>
<thead>
<tr>
<th>EXAMINATION COURSES</th>
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<tbody>
<tr>
<td>BLGY101</td>
<td>Biology I</td>
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<tr>
<td>CHMY104</td>
<td>Chemistry IB</td>
</tr>
<tr>
<td>HUSC101</td>
<td>Human Science</td>
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<tr>
<td>BPHY102</td>
<td>Biophysics IB</td>
</tr>
<tr>
<td>PHYT101</td>
<td>Principles of Physiotherapy 101</td>
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<tr>
<td>ENGS106</td>
<td>English Language</td>
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#### 7.3.2 BSc (Physiotherapy) II

<table>
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<tr>
<th>EXAMINATION COURSES</th>
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<tr>
<td>ANTM108</td>
<td>Anatomy IE</td>
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<tr>
<td>PHYL203</td>
<td>Physiology IB</td>
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<tr>
<td>PHYT201</td>
<td>Principles of Physiotherapy II</td>
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### 7.3.3 BSc(Physiotherapy) III

#### EXAMINATION COURSES

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<tr>
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<tr>
<td>Non-Clinical</td>
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<td></td>
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<tr>
<td>PHYT301</td>
<td>Principles of Physiotherapy III</td>
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<tr>
<td>APPH311</td>
<td>Applied Pharmacology</td>
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<tr>
<td>CLSC304</td>
<td>Clinical Sciences IB</td>
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<td>RDST301</td>
<td>Research Design and Statistics (Module I)</td>
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</tr>
<tr>
<td>RDST302</td>
<td>Research Design and Statistics (Module II)</td>
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<td>ADMN301</td>
<td>Administration</td>
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<tr>
<td>ENGS301</td>
<td>English Language III (Scientific writing)</td>
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<td>FAID301</td>
<td>First Aid</td>
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### 7.3.4 BSc (Physiotherapy) IV

#### EXAMINATION COURSES

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<tr>
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<td>APHY401</td>
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<tr>
<td>Non-Clinical</td>
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<td>PHYT401</td>
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<td>CLSC402</td>
<td>Clinical Science IIIB</td>
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<tr>
<td>UGRP401</td>
<td>Undergraduate Research Project</td>
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</tr>
<tr>
<td><strong>TOTAL</strong></td>
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</tr>
</tbody>
</table>

### 7.4 FACULTY RULES APPLICABLE TO THE BSc (PHYSIOTHERAPY) DEGREE PROGRAMME

#### 7.4.1 Formative Assessment

This will be calculated as follows:

(i) **Applied Physiotherapy 101**

  - Skills Assessment = 20%
  - Case Presentation = 20%
  - Continuous evaluation (35%) }
  - Prepared and unseen patient (65%) = 60%

(ii) **Applied Physiotherapy 201**

  - 65% Continuous Evaluation + 35%
  - Electives = 35%
  - Treatment + evaluation of patient = 65%

(iii) **Principles of Physiotherapy 101 & 201**

  - Theory tests = 50%
  - Practical skills + 50%

(iv) **Principles of physiotherapy 301 & 401**

  An average of all schedule tests will constitute the formative assessment mark.

(v) **Clinical Sciences 1B & 11B**

  An average of all scheduled tests will constitute the formative assessment mark. The
formative assessment mark will contribute 60% of the final mark.

7.4.2 Final Assessment Mark

(i) **Undergraduate Research Project 101**
Research Protocol (contributes 50%)
- Oral Presentation = 60%
- Document evaluation = 40%
Research Report (contributes 50%)
- Oral presentation = 60%
- Project report = 40%

(ii) Mark for all other courses will comprise of:
- 60% Formative Assessment Mark
- 40% Summative Assessment Mark

(iii) With respect to Applied Physiotherapy 201, a student must pass both components of the clinical examination with not less than 50%.

7.4.3 Requirements for Promotion

**Applied Physiotherapy 101 and 102**

Average of 50% in all clinical blocks.

**Principles of Physiotherapy**

Rule G13 applies.

(i) 100% attendance of clinical training sessions.

(ii) With respect to Applied Physiotherapy 101, a Formative Assessment Mark of 50% must be obtained.

(iii) With respect to Applied Physiotherapy 2-1, 50% minimum in elective block and 50% overall mark in each block. Minimum requirements for pass in a block: Student must obtain minimum of 50% mark in each of the following:
- (a) Objective evaluation section of unseen patient
- (b) Treatment section of prepared/treated patient
- (c) Continuous block evaluation
- (d) 50% Overall mark in each component of clinical block.

**Principles of Physiotherapy 101 and 201**

(iv) With respect to Principles of Physiotherapy 101 and 201, students must complete a week (for 1st years) and 2 weeks (for 2nd years) mid-year clinical training block.

(v) A student who does not comply with attendance requirements as detailed in the Clinical Workbook, will not be allowed to do the end of block assessment until all requirements are met.

7.4.4 Exemption from Formative Assessment in Principles of Physiotherapy 101 and 201

(i) If, at the end of the year, a student has written all tests and has:
- Obtained a minimum of 50% in each test with an average mark of 60% or more in the tests, the student can apply for exemption from the final examination.
  - A student must pass all test.

(ii) The student average mark will be submitted as the final mark.
In order to obtain a distinction, students must do the entire summative assessment (i.e. written and practical examination) and obtain a final combined mark of 75% or more.

7.4.5 Sub-minimum

(i) **Principles of Physiotherapy 101**

To pass the practical assessment component, a candidate shall besides the 50% pass mark, obtain not less than 45% in the technique section. To pass the final assessment, a candidate shall besides the 50% pass mark obtain not less than 40% in the written or practical assessment.

(ii) **Principles of Physiotherapy 201**

To pass any component of the practical assessment, a student must, besides the 50% pass mark, obtain not less than 50% in the technique section of each evaluation.

To pass the final exam a candidate must besides the 50% pass mark, obtain no less than 40% in the written or practical assessment.

(iii) **Applied Physiotherapy 101**

To pass any component of the formative assessment a candidate shall besides the 50% pass mark obtain not less than 50% in the treatment section of the prepared patient assessment and 50% in the objective evaluation part of the unseen patient assessment.

To pass the summative assessment the student must obtain 50% average of both components of the assessment with no less than 45% in either of the two components of the assessment.

7.4.6 G14 Supplementary-assessments

(i) A supplementary-assessment by virtue of the candidate performance in the October/November examination may be granted As per Rule G14.3 and G14.4

(ii) **Applied Physiotherapy 101**

(a) Shall be granted if the candidate obtains:

- 50% in the assessment with less than 45% in the Treatment or 45 – 49% summative assessment mark.

(b) A candidate who obtains less than 45% of the final mark will be required to repeat a semester (clinical work only) before supplementary-assessment can be conducted. When the candidate has passed the supplementary-assessment, s/he may register for BSc Physiotherapy IV.

(iii) **Applied Physiotherapy 201**

A student shall be granted a supplementary-assessment if s/he fails to obtain a pass mark of 50% in the assessment or treatment section of any of the end of block examinations.

On condition a student fails after this examination, that student will be required to repeat a full clinical rotation in the failed block/s.

The supplementary-assessment shall be conducted within 12 weeks following the re-opening of the University in the new year.

The supplementary-assessment will be conducted at the end of the repeated block/s.

The student does not re-register as it is considered to be supplementary-assessment and the
student will be responsible for his/her own accommodation off campus. If the student passes at the end of the repeat block that student shall graduate in the same year.

However if a student fails s/he will be required to register for BSc Physiotherapy IV½ and repeat the failed block/s.

(iv) A student who fails 1 (one) clinical block will be allowed to do a respect examination in the failed block in the standard assessment period, which will be in essence be a supplementary-assessment for this students.

7.4.7 Exemption

(i) Exemption from Physiotherapy Courses if they have been successfully completed a student: may be granted full exemption from these courses.

(ii) Principles of Physiotherapy 101 – 401

A student may be granted full exemption from these courses

(iii) Applied Physiotherapy 101 & 201.

No full exemption can be granted.

(iv) Provisional exemption from examination for Applied 201 is subject to the following:
   * arrangement of a clinical placement area by the student for the period of the current academic program
   * completion of a clinical rotation for the academic period covering all the clinical blocks
   * submission of completed continuous evaluation forms by the supervisors
   * submission of a clinical practice report by the student at the end of the academic program.

7.4.8 Failure of Fourth Year

Final year candidates who fail one or both non-clinical courses following supplementary-assessment will be admitted to examination on the full year programme during the next mid year examination period. The candidate is required to attend all lectures and write all scheduled tests. If he/she fails again, he/she will be required to do clinical practice at clinical settings as prescribed by the department.

Applied Physiotherapy 201

(i) If a student fails after supplementary-assessment of one (1) clinical block, he/she will be required to attend a full clinical rotation in the failed block.

(ii) If a candidate fails two (2) clinical blocks, he/she does not re-register as it is considered to be a supplementary-assessment and the student will be responsible for his/her own accommodation off campus. He/she will be examined at the end of each block again.

(iii) If a student fails more than two (2) blocks, a student will be required to register for Applied Physiotherapy 201 in the following year and will be required to attend a full clinical rotation and be examined at the end of each block.

7.4.9 Granting of Degree

A student is awarded the degree BSc (Physiotherapy) after having passed all sections of the final year examination and having completed 1000 hours of clinical education and successfully completed the
undergraduate research project. The student must have also attended one national sport event and one local event.

7.4.10 Degree with Distinction

The degree with distinction is awarded to a student who obtains an average of at least 75% for the courses of the final examination with a sub-minimum of 65% in any one course.

7.4.11 Carrying of Subjects

(i) Students will be allowed to carry-over to the following year, only one of the following subjects. This is provided that it is the only subject that the student has failed:
- One module of Biology
- Clinical Science IB (however cannot simultaneously register for Clinical Science IIB)
- English 301 (provided the student has passed English 106)
- Administration
- First Aid.
- One Research Module (however cannot simultaneously register for URGP 401)
- English 106

(ii) It is the student’s responsibility to ensure that the timetables and clinical programmes do not clash.

7.4.12 Registering of Courses in Advance

Only one of the following can be registered for in advance:
- Clinical Science IIB (Provided has passed IB)
- Undergraduate Research Project
  (Provided both modules of Research Design and Statistics have been passed)
- Administration
- First Aid
- English (Provided has passed previous year course)

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**HSb8 BPHARM DEGREE PROGRAMME (059)**

The BPharm degree is offered in partnership with Tshwane University of Technology (TUT).

8.1 SELECTION AND ADMISSION REQUIREMENTS

**National Senior Certificate (NSC) Applicants:**

Applicants require the following minimum Admission Point Score (APS)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Sciences</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Physical Sciences</td>
<td>4</td>
</tr>
<tr>
<td>Language of Learning</td>
<td>4</td>
</tr>
<tr>
<td>Life Orientation</td>
<td>3</td>
</tr>
<tr>
<td>2Additional Subjects</td>
<td>3 x 2</td>
</tr>
<tr>
<td>Accounting + Economics</td>
<td></td>
</tr>
<tr>
<td><strong>Total Points</strong></td>
<td><strong>25</strong></td>
</tr>
</tbody>
</table>

(i) Applications will be considered from candidates who are in possession of, or are about to receive:
- A Matriculation Certificate of the Matriculation Board, OR
- A Certificate of Exemption from the Matriculation Examination granted by the Matriculation Board
- A Senior Certificate with University Exemption.

(ii) Candidates will be required to have passed Mathematics, Physical Science and Biology (or Physiology) in the Higher Grade at matric level (with a minimum symbol D). Candidates with Mathematics in the standard grade who have achieved an A or B rating may be considered.

(iii) Applications will also be considered from candidates who have completed appropriate training within the requirements of the National Qualifications Framework.

(iv) The BPharm Selection Committee will screen all candidates who comply with (i) above and provide a list for potential testing and interview.

(v) After potential testing and interview, a list of conditional acceptances will be developed, as well as a reserve list, for replacement of non-acceptances.

(vi) Because of the nature of the programme and the teaching/learning and assessment methods, admission to the BPharm programme is at first year level only. A maximum of 60 students with potential will be accepted.

8.2 GENERAL

8.2.1 Registration with the South African Pharmacy Council

All students admitted to the second year of study must register with the South African Pharmacy Council (SAPC) before 31 March of the relevant year. Registration as a pharmacist’s assistant can also take place from the second year of study. The SAPC requires the following documents and fee before registration can be effected:

(i) Birth Certificate.
(ii) Matriculation/Matriculation Exemption Certificate. If the above certificate does not indicate a pass in Mathematics a further certificate to the effect that an examination in Mathematics of a standard at least equivalent to that of the standard grade in the Matriculation Examination has been passed, is required.
(iii) Certificate of having commenced professional study for the degree.
(iv) Registration fee as determined by the SAPC.

After qualification, graduates are required to undertake a one-year period of internship, during which they must satisfactorily complete a pre-registration examination for entry-level pharmacists. They are then required to complete one year in the public sector as a community service pharmacist, before proceeding to full registration as a pharmacist.

Exit points: In terms of the Regulations to the Pharmacy Act, as amended, students who leave the programme after completion of Year 1 may register with the SAPC as Basic Level Pharmacists’ Assistants. Students who leave the programme after satisfying the requirements for Year 2 may register as Post-Basic Level Pharmacists’ Assistants.

Note: These rules must comply with the proposed regulations of the SA Pharmacy Council as promulgated in terms of the Pharmacy Act, as amended.

8.2.2 Duration

(i) The minimum duration of the degree programme is four years.
(ii) The maximum permitted duration for the four-year degree programme will be six years. Any year of the BPharm programme may be repeated once only, i.e., failure of any year at the second attempt leads to exclusion.
### 8.3 CURRICULUM [University of Limpopo (UL) (Medunsa Campus) Blocks; Tshwane University of Technology (TUT) Blocks]

(i) The BPharm programme will be presented in Semester format.
(ii) The BPharm curriculum will be updated continuously to reflect statutory requirements.
(iii) BPharm students will be given dual identification, so that all the facilities of both institutions will be fully accessible to them. Student academic support is available at both institutions.

#### 8.3.1 BPharm I

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>TUT</th>
<th>Module 1</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>Orientation and induction</td>
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<tr>
<td>Module 2</td>
<td>TUT</td>
<td>Tasks and challenges in health care</td>
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<tr>
<td></td>
<td></td>
<td>From atoms to molecules</td>
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<tr>
<td>Module 4</td>
<td>UL (Medunsa Campus) / TUT</td>
<td>From molecules to medicines</td>
</tr>
<tr>
<td>Semester 2</td>
<td>UL (Medunsa Campus) / TUT</td>
<td>Biopharmaceutics, pharmacokinetics and pharmacodynamics</td>
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<tr>
<td></td>
<td>TUT</td>
<td>Microorganisms, man and medicines</td>
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<tr>
<td>Module 7</td>
<td>TUT</td>
<td>Experiential learning: Research Methodology and Primary Health Care</td>
</tr>
<tr>
<td>Year course</td>
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#### 8.3.2 BPharm II

<table>
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<tr>
<th>Semester 1</th>
<th>UL (Medunsa Campus)</th>
<th>Module 1</th>
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<tbody>
<tr>
<td></td>
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</tr>
<tr>
<td>Module 2</td>
<td>TUT</td>
<td>Cardiovascular pharmacy</td>
</tr>
<tr>
<td>Module 3</td>
<td>TUT</td>
<td>Respiratory system, ear and eye</td>
</tr>
<tr>
<td>Semester 2</td>
<td>TUT</td>
<td>Principles and practice of Pharmaceutical manufacturing</td>
</tr>
<tr>
<td>Module 5</td>
<td>TUT</td>
<td>Industrial pharmacy practice</td>
</tr>
<tr>
<td>Module 6</td>
<td>TUT</td>
<td>Experiential learning: Industrial pharmacy practice</td>
</tr>
</tbody>
</table>

#### 8.3.3 BPharm III

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>TUT</th>
<th>Module 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Sterile pharmaceutical products</td>
</tr>
<tr>
<td>Module 2</td>
<td>TUT</td>
<td>Community-based pharmaceutical care</td>
</tr>
<tr>
<td>Module 3</td>
<td>UL (Medunsa Campus) / TUT</td>
<td>Modern technologies in health care</td>
</tr>
<tr>
<td>Semester 2</td>
<td>UL (Medunsa Campus) / TUT</td>
<td>Endocrine and reproductive pharmacy</td>
</tr>
<tr>
<td>Module 4</td>
<td>UL (Medunsa Campus) / TUT</td>
<td>Musculo-skeletal, skin conditions and pain management</td>
</tr>
<tr>
<td>Module 6</td>
<td>UL (Medunsa Campus) / TUT</td>
<td>Experiential learning: community pharmacy practice</td>
</tr>
</tbody>
</table>
### 8.3.4 BPharm IV

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>UL (Medunsa Campus)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Neurological and psychiatric pharmacy</td>
</tr>
<tr>
<td>Module 2</td>
<td>Health systems pharmacy</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 2</th>
<th>TUT / UL (Medunsa Campus)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 3</td>
<td>Hospital-based pharmaceutical care</td>
</tr>
<tr>
<td>Module 4</td>
<td>Research Methodology (advanced) and research project</td>
</tr>
<tr>
<td>Module 5</td>
<td>Experiential learning: Hospital pharmacy practice</td>
</tr>
</tbody>
</table>

### 8.4 FACULTY RULES APPLICABLE TO THE BPHARM DEGREE PROGRAMME

Except where otherwise indicated the General Rules apply in respect of year marks, examination marks and final combined marks.

#### 8.4.1 Year mark

General Rule G13 applies to each module.

#### 8.4.2 Completion of requirements for promotion

Students who fail to comply with the required attendance, assignments, cases and assessments will not be promoted.

#### 8.4.3 Examiners

General Rule G18 applies to each module.

#### 8.4.4 Examinations

General Rule G12 applies to each module.

**Note:** The Examinations Department at University of Limpopo does not take responsibility for final examinations / assessments held outside the normal examination period.

#### 8.4.5 Examination/Final Combined Mark

General Rules G13 and G15 apply to modules.

#### 8.4.6 Re-examination

(i) BPharm students qualify for re-examination in all failed end-of-module and end-of-semester examinations. In instances where students fail a practical examination (OSPE) the re-examination may take the form of a written and/or oral examination.

(ii) BPharm IV (final year) students who fail more than two modules or both End-of-Semester I and II examinations, following re-examination, have to repeat the year.

Final year candidates, who fail not more than two modules or one End-of-Semester examination following re-examination, may be admitted to a special re-examination. The Examination Committee will decide on the programme for such a student. The student does not re-register as it is considered to be a re-examination. However, if a candidate fails to pass...
the relevant module(s) or End-of-Semester examination before the third week of April, s/he must re-register for the module(s) failed or for the semester in which the End-of-Semester examination was failed, in order to graduate the following year.

8.4.7 Exemption

Only students repeating a year are eligible for exemption from a module. A student may be granted exemption from a module provided s/he has passed the appropriate End of Semester Examination. No student will be allowed to do two or more modules at the same time.

8.4.8 Granting of a degree

The degree BPharm is awarded to a student who has satisfied all the requirements for the degree.

8.4.9 Degree with Distinction

The degree with distinction is awarded to a student who obtains an average of at least 75% for the combined modules for the final examination, subject to a minimum mark allocation of 65% in any one module.

HSb9 B (SLP&A) DEGREE PROGRAMME (240)

RELATION TO OTHER RULES

General Rules of this department should be read in conjunction with the University, Faculty and School Rules and except where otherwise laid down, expressly or by necessary implication, should hold for this academic Department.

9.1 SELECTION AND ADMISSION REQUIREMENTS

9.1.1 Admission

General Rule 2.2. applies

A candidate must comply with the conditions and meet the selection criteria as determined by the Department. Until the Further Education and Training Certificate is implemented in the school system and incorporated into tertiary education institutions, the following selection criteria should be conformed to:

Only candidates with a minimum Swedish rating scale of eight (8) will be considered. Only students who obtain at least symbols E on Higher Grade and a C on Standard Grade in any two of the following subjects, Mathematics, Physical Sciences and/or Biology will be considered.

The Swedish rating scale is as follows:

<table>
<thead>
<tr>
<th>Higher Grade</th>
<th>Standard Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>A=8</td>
<td>A=6</td>
</tr>
<tr>
<td>B=7</td>
<td>B=5</td>
</tr>
<tr>
<td>C=6</td>
<td>C=4</td>
</tr>
<tr>
<td>D=5</td>
<td>D=3</td>
</tr>
<tr>
<td>E=4</td>
<td>E=2</td>
</tr>
</tbody>
</table>
As soon as the FETC is implemented in the school system and incorporated and accepted by tertiary institutions, the following minimum selection criteria will be followed:

<table>
<thead>
<tr>
<th>Subjects</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any one of the languages at Home Language level</td>
<td>3</td>
</tr>
<tr>
<td>English at First Additional Language level</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>Life orientation</td>
<td>3</td>
</tr>
<tr>
<td>Life sciences</td>
<td>4</td>
</tr>
<tr>
<td>Physical sciences</td>
<td>4</td>
</tr>
<tr>
<td>+ any other one subject from Group B</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total Points</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

Note that selection interviews will be held for all applicants who meet the selection criteria and these interviews will take place during January of each academic year.

For practical reasons only a limited number of applicants can be admitted to the degree programme.

2.3 As per Faculty General Rules.

9.2 REGISTRATION

3.5 As per School General Rules.

All students shall register with the HPCSA immediately after registering at the university.

9.2.1 Enrolment

4.1-4.3 The General Rules of the Faculty shall apply as stipulated.

9.2.2 Timetable

5. The General Rules of the University, Faculty and School shall apply as stipulated.

9.2.3 Payment of fees

6.1-6.3 The General Rules of the University, Faculty and School shall apply as stipulated.

9.2.4 Registering modules/courses for non-degree purposes

7.1-7.2 As per Faculty General Rules.

7.3 A module/course taken outside a prescribed programme may later be recognised for a programme, pending application to the relevant Directors of Schools, Head of Department and payment of appropriate fees.

7.4-7.5 As per Faculty General Rules
9.2.5 Recognition and exemption of modules/courses
8.1-8.3 The General Rules of the University, Faculty and School shall apply as stipulated.

9.2.6 Retention/loss of credits
9.1-9.2 The General Rules of the University, Faculty and School shall apply as stipulated.

9.2.7 Duration of study
10.1-10.3 The General Rules of the University, Faculty and School shall apply as stipulated.

9.2.8 Change of programmes and simultaneous registration for two or more programmes
11.1-11.6 The General Rules of the University, Faculty and School shall apply as stipulated.

9.3 ASSESSMENT
12.1 In the Department of Speech-Language Pathology and Audiology a candidate should sit for both continuous/formative and summative assessment. No exemption of summative assessment will be given.

12.2-12.6 As per University, Faculty and School General Rules

9.3.1 Summative assessment
13.1-13.4 As per University General Rules

13.5 When calculating the final mark following a summative assessment, the differential contribution of the formative and the summative assessment marks are 60% and 40% respectively.

A minimum combined mark \( \text{Year mark} \[\text{formative assessment marks]} + \text{Clinical mark} \[\text{formative assessment marks]} + \text{Practical mark} \[\text{formative assessment marks]} + \text{Examination mark} \[\text{summative assessment mark]} \) of 50% is required in order to pass any course.

13.6 A minimum of 40% should be obtained in all parts / divisions / papers of summative assessment opportunities (Clinical + Theory) in order to pass a course.

9.3.2 Re-examination and supplementary assessment (for undergraduate studies only)
14.1 In the Department of Speech-Language Pathology and Audiology the format of re-examination and supplementary assessment may be the same as that of the summative assessment.

14.2 The General Rules of the University, Faculty and School shall apply as stipulated.

14.3 A student qualifies for supplementary assessment provided s/he has a final mark between 45%-49% where the final mark consists of the formative assessment mark (60%) and the summative assessment mark (40%).

14.4 If the final mark achieved is 50% or more, but the summative assessment mark is below 40%, the student will qualify for a supplementary assessment.

14.5 The General Rules of the University, Faculty and School shall apply as stipulated.
14.6 When calculating the final mark of a supplementary assessment the current year mark (formative assessment mark) will contribute in principle, 60% and the supplementary assessment (summative assessment mark), 40% of the re-assessment final mark. The maximum final mark allocated can only be 50%.

9.3.3 Special summative assessment

15.1-15.6 A special summative assessment may be granted as specified in the University, Faculty and School rules.

If a special summative assessment is granted, rules as specified regarding summative assessment opportunities and supplementary assessment opportunities are relevant and will be applied.

9.3.4 Deviation from standard assessment procedure

16.1-16.2 The General Rules of the University, Faculty and School shall apply as stipulated.

9.3.5 Assessment fraud

17.1-17.6 The General Rules of the University, Faculty and School shall apply as stipulated.

9.3.6 Assessors

18.1-18.3 The General Rules of the University, Faculty and School shall apply as stipulated.

9.3.7 Minimum pass and distinction in a module/course

19.1-19.2 The General Rules of the University, Faculty and School shall apply as stipulated.

9.3.8 Failure of a module/course

20.1-20.2 The General Rules of the University shall apply as stipulated.

9.3.9 Viewing and remarking of scripts

21.1-21.2 As per University, Faculty and School Rules.

9.3.10 Student progress

22.1-22.2 The General Rules of the School shall apply as stipulated.

9.4 AWARDING OF A QUALIFICATION

23.1 The General Rules of the University, Faculty and School shall apply as stipulated.

9.4.1 Admission

24.1 General rules of University, Faculty and School applies.

9.4.2 Credit for modules/courses passed / Admission to a subsequent module/course

25.1 A minimum pass mark for all courses is 50%. A distinction will be awarded for courses passed with 75% and above.

25.2 No student will be allowed to carry any subject.
25.3 No courses in advance are allowed in any year of study in this degree course.

25.4 If a student fails the theoretical component of a subject and passes the clinical component of a subject, the student would not be allowed to continue with the next year of study.

25.5 If a student fails the clinical component of a subject and passes the theoretical component of a subject, the student would not be allowed to continue with the next year of study.

25.6 Students are required to attend 100% of clinical opportunities and student participation will be taken into account when assessing clinical work.

25.7 Students require a minimum mark of 50% to pass a clinical block.

25.8 All the subjects specified in the curriculum in a specific year of study must be passed in order to be promoted to the next year of study.

25.9 Final-year students who failed a clinical block will be required to repeat and pass the clinical block the following academic year.

25.10 A final-year student who fails to complete the required research project during the academic year will be allowed to finish the project within a maximum period of eight weeks at the beginning of the following year. Failure to comply with this arrangement will result in re-registering and re-payment for this subject.

25.11 If a student can produce evidence of credits obtained for modules / subjects passed at another accredited university, the request for promotion will be considered.

25.12 The HPCSA require a minimum of 400 clinical hours per discipline (Speech-Language Pathology and Audiology) and failure to obtain these hours will result in the qualification not being awarded.

9.5 GENERAL

9.5.1 Renewal of registration

26.1-26.6 The General Rules of the University shall apply as stipulated.

9.5.2 Statutory registration

27.1-27.2 The General Rules of the University, Faculty and School shall apply as stipulated.

9.5.3 Registration with the Professional Board for Speech-Language and Hearing Professions

(i) On Admission to the University, the student must register with the Professional Board for Speech-Language and hearing Professions on or before 28 February of the year of Admission and pay the prescribed registration fee.

9.5.4 Information on degree course

(i) Duration of the degree shall be four years.

(ii) Clinical practicals in an approved site are compulsory.

9.5.5 Curriculum

EXAMINATION COURSES
### 9.4.1 Year I

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLPA101</td>
<td>Speech-Language Pathology I</td>
</tr>
<tr>
<td>LNGS101</td>
<td>Linguistics I</td>
</tr>
<tr>
<td>ANTM114</td>
<td>Anatomy A</td>
</tr>
<tr>
<td>PCLY101</td>
<td>Psychology I</td>
</tr>
<tr>
<td>AUDA101</td>
<td>Audiology I</td>
</tr>
<tr>
<td>ENGS106</td>
<td>English Language</td>
</tr>
</tbody>
</table>

### 9.4.2 Year II

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUDA201</td>
<td>Audiology II</td>
</tr>
<tr>
<td>SLPA201</td>
<td>Speech-Language Pathology II</td>
</tr>
<tr>
<td>APSH201</td>
<td>Anatomy &amp; Physiology of Speech and Hearing Mechanisms</td>
</tr>
<tr>
<td>PCLY201</td>
<td>Psychology II</td>
</tr>
<tr>
<td>LNGS201</td>
<td>Linguistics II</td>
</tr>
</tbody>
</table>

### 9.4.3 Year III

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUDA301</td>
<td>Audiology III</td>
</tr>
<tr>
<td>SLPA301</td>
<td>Speech-Language Pathology III</td>
</tr>
<tr>
<td>PCLY301</td>
<td>Psychology III</td>
</tr>
<tr>
<td>NACN301</td>
<td>Neuroanatomy &amp; Clinical Neurology for Speech-Language and Hearing.</td>
</tr>
</tbody>
</table>

### 9.4.4 Year IV

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUDA401</td>
<td>Audiology IV</td>
</tr>
<tr>
<td>SLPA401</td>
<td>Speech-Language Pathology IV</td>
</tr>
<tr>
<td>REMR103</td>
<td>Research Method and Report</td>
</tr>
</tbody>
</table>

### 9.6 FACULTY AND DEPARTMENTAL RULES

#### 9.6.1 Clinical Training

Students will be provided with an overview of the professional issues and organisational systems that legislate clinical practice to understand issues affecting the process for diagnosis and management, as well as to generate a logical treatment plan relating to diagnosis. Issues pertaining to ethics, guidance, counselling and interviewing procedures will be discussed. Support personnel service delivery models will be included.

Formal clinical training to complement the academic training in Audiology and Speech-Language therapy, (which cover all aspects of assessment and treatment of communication disorders) will be included in the course accordingly. These clinical practicals should take place in as many of the following environments as possible: university speech-and-hearing clinics; hospital speech-and-hearing clinics; preschools; primary schools; special schools such as those for the cerebral palsied; hearing impaired; autistic; learning disabled; and for the geriatric populations.

Supervised clinical practice with children and adults, practical experiences in diagnosis, group and individual management, interdisciplinary team participation and observation of support personnel practices will be provided.

The students enrolled in the University of Limpopo program will obtain a minimum of 800 clinical clock hours in Speech-Language Pathology and Audiology as specified below:

- **Audiology**: 400 hours
- **Speech-Language Pathology**: 400 hours

#### 9.6.2 Standard Examination and Re-examination
The general Faculty rules pertaining to Examinations, Re-examinations and deferred examination shall apply.

9.6.3 Year Mark

This will be calculated as follows:

Assignments + class tests + case presentations = 50%

Clinical work include case reports = 50%

The year mark will contribute 60% of the final mark.

9.6.4 Clinical Requirements for Promotion

(i) Students are required to participate fully and to attend all clinics assigned to them. This is a critical professional requirement. Student participation will be taken into account when evaluating clinical work.

(ii) Student must obtain a minimum of 50% to pass the clinical block.

(iii) Clinical training modules are interdependent; a student who does not pass the clinical module will not be permitted to proceed to the next year study before the failed module is successfully completed.

This applies to both Speech-Language Pathology (SLPA201 and 301) and Audiology (AUDA201 and 301) courses. Final year students who fail a clinical block will be required to repeat and pass the clinical block the following academic year.

9.6.5 General Rules for Promotion

(i) Minimum pass mark for all courses is 50%. A distinction will be awarded for courses passed with 75% and above.

(ii) The degree with distinction is awarded to a student who obtains a minimum of 75% in both Speech-Language Pathology and Audiology in the final year of study.

(iii) No courses in advance are allowed in any of the years in the B SLP & A course.

(iv) No carrying of subjects is allowed in any of the years in the B SLP & A course.

(v) Partial exemption will be granted for Speech-Language Pathology I, II, III, IV and Audiology I, II, III, IV only for students who are repeating other subjects. Students must obtain at least 50% in the clinical and theoretical components to obtain full exemption.
of the Registrar.

1.1.2 Admission requirements

Applicants must be in possession of a B Cur degree or equivalent qualification. It is advisable that applicants should also have appropriate experience as a registered nurse and hold an approved post pertaining to the field of study for the period of the honour’s programme.

Note: Except where otherwise stated, the General Rules for post-graduate studies shall apply

1.2 GENERAL

1.2.1 Registration with the SA Nursing Council

In terms of Nursing Act No 50 of 1978, as amended, Post-registration students must, on Admission to a degree or a post basic programme, and annually thereafter, submit proof of current registration with the SA Nursing Council.

1.2.2 Duration and Presentation

Duration: Minimum of 1 year and maximum of 2 years.

Presentation: The course can be presented on a part-time or full-time basis. The major course shall be selected in collaboration with the head of the Department and in relation to the degree and qualifications held by the student.

1.2.3 Composition of the Course

The programme shall comprise:

(i) Two core subjects, Research Methodology and Nursing Dynamics.

(ii) At least two papers in the elective, i.e. Nursing Education, Health Services Administration, Advanced Psychiatric Nursing Science, Advanced Community Health Nursing Science, Advanced Midwifery and Neonatal Nursing Science, Advanced Medical and Surgical Nursing Science shall be written in the summative Assessment.

(iii) 800 Hours of appropriate and/or prescribed practica in an approved post for a clinical B Cur Honours degree.

1.3 CURRICULUM FOR B CUR (HONS) PART-TIME

Duration: 1 or 2 years. Examination courses in the following disciplines.

<table>
<thead>
<tr>
<th>1.3.1</th>
<th>B Cur (Hons) in Nursing Education (075)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
<td></td>
</tr>
<tr>
<td>NUDY601</td>
<td>Nursing Dynamics</td>
</tr>
<tr>
<td>TNED601</td>
<td>Theoretical Nursing Education</td>
</tr>
<tr>
<td>BARE601</td>
<td>Research Methodology</td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td></td>
</tr>
<tr>
<td>CNED601</td>
<td>Contemporary Issues in Nursing Education</td>
</tr>
<tr>
<td>ITNE601</td>
<td>Issues and Tasks in Nursing Education</td>
</tr>
</tbody>
</table>

| 1.3.2 | B Cur (Hons) in Advanced Community Health Nursing Science (076) |

68
<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUDY601</td>
<td>CONS601</td>
</tr>
<tr>
<td>PRHC601</td>
<td>PRHC601</td>
</tr>
<tr>
<td>MTC601</td>
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<td>BARE601</td>
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<tr>
<td>NUDY601</td>
<td>CONS601</td>
</tr>
<tr>
<td>AIMN601</td>
<td>PRHC601</td>
</tr>
<tr>
<td>BARE601</td>
<td>MTCH601</td>
</tr>
</tbody>
</table>

**1.3.3 B Cur (Hons) in Advanced Midwifery and Neonatal Nursing Science (077)**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUDY601</td>
<td>AIMN601</td>
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<tr>
<td>AINN601</td>
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<td>PIMN601</td>
</tr>
<tr>
<td>MNNP601</td>
<td>MNNP601</td>
</tr>
</tbody>
</table>

**1.3.4 B Cur (Hons) in Advanced Psychiatric Nursing Science (078)**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
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<tbody>
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<td>PSNS601</td>
</tr>
<tr>
<td>APNP601</td>
<td>APNP601</td>
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</tbody>
</table>

**1.3.5 B Cur (Hons) in Health Services Administration (079)**

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUDY601</td>
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</tr>
<tr>
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<td>BARE601</td>
</tr>
<tr>
<td>AHS601</td>
<td>AHS601</td>
</tr>
</tbody>
</table>

**1.3.6 Practical /Clinical: (CONU605)**

Eight hundred (800) hours of appropriate practical evaluated by:
- A progress report from the clinical/practical field mentor
- An oral and/or clinical and/or practical examination at the end of the course.

**1.4 CURRICULUM FOR B CUR (HONS) FULL-TIME**

Duration: 1 or 2 years. Examination courses in the following disciplines:

**1.4.1 B Cur (Hons) in Nursing Education (075)**

<table>
<thead>
<tr>
<th>NUDY601</th>
<th>TNED601</th>
<th>CNE601</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUDY601</td>
<td>TNED601</td>
<td>CNE601</td>
</tr>
<tr>
<td>NUDY601</td>
<td>TNED601</td>
<td>CNE601</td>
</tr>
<tr>
<td>NUDY601</td>
<td>TNED601</td>
<td>CNE601</td>
</tr>
</tbody>
</table>

**1.4.2 B Cur (Hons) in Advanced Community Health Nursing Science (076)**

<table>
<thead>
<tr>
<th>NUDY601</th>
<th>TNED601</th>
<th>CNE601</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUDY601</td>
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<td>CNE601</td>
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<td>TNED601</td>
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<td>Subject Name</td>
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<tr>
<td>NUDY601</td>
<td>Nursing Dynamics</td>
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</tr>
<tr>
<td>PRHC601</td>
<td>Primary Health Care</td>
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</tr>
<tr>
<td>MTC601</td>
<td>Models and Theories in Community Health Nursing Science</td>
<td></td>
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<tr>
<td>CON601</td>
<td>Community Health Nursing Science Specialty</td>
<td></td>
</tr>
<tr>
<td>CHNP601</td>
<td>Advanced Community Health Nursing Practice</td>
<td></td>
</tr>
<tr>
<td>BARE601</td>
<td>Research Methodology</td>
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1.4.3  B Cur (Hons) in Advanced Midwifery and Neonatal Nursing Science (077)

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Subject Name</th>
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<tbody>
<tr>
<td>NUDY601</td>
<td>Nursing Dynamics</td>
</tr>
<tr>
<td>AINMN601</td>
<td>Advanced Integrated Assessment in Midwifery and Neonatal Nursing Science</td>
</tr>
<tr>
<td>PIMN601</td>
<td>Psychosocial enquiry and Management in Midwifery and Neonatal Nursing Science.</td>
</tr>
<tr>
<td>MNPN601</td>
<td>Advanced Midwifery and Neonatal</td>
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1.4.4  B Cur (Hons) in Advanced Psychiatric Nursing Science (078)

<table>
<thead>
<tr>
<th>Subject Code</th>
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<tbody>
<tr>
<td>NUDY601</td>
<td>Nursing Dynamics</td>
</tr>
<tr>
<td>PSN601</td>
<td>Psychiatric Capita Selecta</td>
</tr>
<tr>
<td>PNSM601</td>
<td>Psychiatric Nursing Skills and Methods</td>
</tr>
<tr>
<td>PSNS601</td>
<td>Psychiatric Nurse Specialist</td>
</tr>
<tr>
<td>APNP601</td>
<td>Advanced psychiatric Nursing Science Practice</td>
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<td>Research Methodology</td>
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1.4.5  B Cur (Hons) in Health Services Administration (079)

<table>
<thead>
<tr>
<th>Subject Code</th>
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<tbody>
<tr>
<td>NUDY601</td>
<td>Nursing Dynamics</td>
</tr>
<tr>
<td>HSAG601</td>
<td>Health Services Administration General Aspects</td>
</tr>
<tr>
<td>AHSA601</td>
<td>Advanced Health Services Administration</td>
</tr>
<tr>
<td>BARE601</td>
<td>Research Methodology</td>
</tr>
</tbody>
</table>

NB: Subjects, can be attended and written in one year and can also be taken in any order of preference.

1.4.6  Practical/Clinical (CONU605)

- Eigh hundred (800) hours of appropriate practical evaluated by:
  - A progress report from the clinical/practical field mentor
  - An oral and/or clinical and/or practical examination at the end of the programme.

1.5  FACULTY RULES APPLICABLE TO THE B CUR (HONS) DEGREE PROGRAMME

1.5.1  General Rules

The General Rules apply.

1.5.2  Granting of Degree

The degree B Cur (Hons) is awarded to a student who has complied with the stipulated practica requirements and has passed all the required examinations.

HSH2  B OCC THER (HONS) DEGREE PROGRAMME (020)

This degree programme has been discontinued.

HSH3  BSc (DIET) (HONS) DEGREE PROGRAMME (021)

The degree will be activated as from 2011.
MASTERS DEGREE PROGRAMME

HS M30 M CUR DEGREE PROGRAMME (058)

30.1 ENTRANCE REQUIREMENTS

To be admitted into the masters’ programme the applicant must have:

(i) Completed a four year basic degree in nursing (B Cur) or BA Cur or an equivalent thereof and have obtained at least an average of 60% in the final examination of the major subject/field he/she wishes to advance in OR

(ii) Completed an appropriate honours degree;

(iii) Full membership with the South African Nursing Council.

NB: Foreign students must be registered with the South African Nursing Council before commencing with their studies.

30.2 DURATION OF THE DEGREE

The course shall extend over a period of two (2) years. Except with the special permission of the Senate the duration of the course shall not be longer than four (4) years. The course can be taken on part-time or full-time basis.

30.3 CURRICULUM

The degree course in the Faculty of Medicine shall be a Masters degree in nursing by coursework or a Master degree by research. The common outcome in both these courses shall be the ability to undertake research. A Masters degree by coursework shall be MACO801 and shall consist of

(i) **Non clinical Masters degree in nursing by coursework and a minor dissertation**
   
   NUED801 Nursing Education
   
   HSAD801 Health Services Administration

(ii) **Clinical Masters degree in Nursing by coursework and a minor dissertation**
   
   CHNU801 Advanced Community Health Nursing Science
   
   PSNU801 Advanced Psychiatric Nursing Science
   
   MNNU801 Advanced Midwifery and Neonatal Nursing Science
   
   MSNU801 Advanced Medical and Surgical Nursing Science

A Masters degree in nursing by research shall be registered as

BARE801 Masters degree in Nursing by Research

The M Cur programme for both clinical and non-clinical courses shall consist of coursework and a minor dissertation. Students who have completed an honours degree and have fully or partly complied with the requirement for coursework shall be exempted accordingly, and can proceed with the research aspect of the Masters degree. This will be a minor dissertation.

Students who do not wish to undertake coursework can register for a Masters degree by research and submit a full dissertation.

All students registered for M Cur regardless of focus must register for:

MCDS801 Dissertation

BARE801 Research Methodology
Electives for all students pursuing a clinical or non-clinical Masters degree by coursework must be on a major subject of the basic degree or completed coursework for the Honours degree.

**CURRICULUM FOR M CUR (PART-TIME/FULL-TIME)**

*Duration: 1 or 2 years.* Examination courses in the following disciplines:

<table>
<thead>
<tr>
<th>M Cur in Nursing Education</th>
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<tbody>
<tr>
<td><strong>First Year</strong></td>
<td></td>
</tr>
<tr>
<td>NUDY801 Nursing Dynamics</td>
<td></td>
</tr>
<tr>
<td>TNED801 Theoretical Nursing Education</td>
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</tr>
<tr>
<td>BARE801 Research Methodology</td>
<td></td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td></td>
</tr>
<tr>
<td>CNED801 Contemporary Issues in Nursing Education</td>
<td></td>
</tr>
<tr>
<td>ITNE801 Issues and Tasks in Nursing Education</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>M Cur in Advanced Community Health Nursing Science</th>
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<tbody>
<tr>
<td><strong>First Year</strong></td>
<td></td>
</tr>
<tr>
<td>NUDY801 Nursing Dynamics</td>
<td></td>
</tr>
<tr>
<td>PRHC801 Primary Health Care</td>
<td></td>
</tr>
<tr>
<td>MTCH801 Models and Theories in Community Health Nursing</td>
<td></td>
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<tr>
<td>BARE801 Research Methodology</td>
<td></td>
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<tr>
<td><strong>Second Year</strong></td>
<td></td>
</tr>
<tr>
<td>CONS801 Community Health Nursing Science Specialty</td>
<td></td>
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<tr>
<td>CHNP801 Advanced Community Health Nursing Science Practice</td>
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<table>
<thead>
<tr>
<th>M Cur in Advanced Midwifery and Neonatal Nursing Science</th>
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<tbody>
<tr>
<td><strong>First Year</strong></td>
<td></td>
</tr>
<tr>
<td>NUDY801 Nursing Dynamics</td>
<td></td>
</tr>
<tr>
<td>AIMN801 Advanced Integrated Assessment in Midwifery and Neonatal Nursing Science</td>
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<tr>
<td>BARE801 Research Methodology</td>
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<tr>
<td><strong>Second Year</strong></td>
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</tr>
<tr>
<td>PIMN801 Psychosocial Enquiry and Management</td>
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<td>MNNP801 Advanced Midwifery and Neonatal Nursing Science Practice</td>
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<table>
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<tr>
<th>M Cur in Advanced Psychiatric Nursing Science</th>
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<tbody>
<tr>
<td><strong>First Year</strong></td>
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<tr>
<td>NUDY801 Nursing Dynamics</td>
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<tr>
<td>PSCS801 Psychiatric Capita Selecta</td>
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<td>PNSM801 Psychiatric Nursing Skills and Methods</td>
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<tr>
<td><strong>Second Year</strong></td>
<td></td>
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<tr>
<td>PSNS801 Psychiatric Nurse Specialist</td>
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<tr>
<td>APNP801 Advanced Psychiatric Nursing Science Practice</td>
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</tbody>
</table>

<table>
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<tr>
<th>M Cur in Health Services Administration</th>
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<tbody>
<tr>
<td><strong>First Year</strong></td>
<td></td>
</tr>
<tr>
<td>NUDY801 Nursing Dynamics</td>
<td></td>
</tr>
<tr>
<td>HSAG801 Health Services Administration General Aspects</td>
<td></td>
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<tr>
<td>BARE801 Research Methodology</td>
<td></td>
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<tr>
<td><strong>Second Year</strong></td>
<td></td>
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<tr>
<td>AHSA801 Advanced Health Services Administration</td>
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<table>
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<tr>
<th>M Cur in Nursing by Research</th>
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</table>
GENERAL

Instructions to all students shall be such that the subject chosen by the student is explored in depth using scientific theories to support such study. The research will be presented as a full dissertation or minor dissertation depending on whether there was coursework or not. At the end of the study the student must prove ability to undertake research.

Students who, in their B Cur Honours programme completed the necessary course work shall, on registration, proceed with the research component of the course. All research projects shall be individually designed. A summary of this must be published in a recognised research journal.

Students who completed the B Cur Honours degree in other universities other than university of Limpopo and wish to pursue a Masters degree by coursework must submit the curriculum followed at Honours level in their institution, and, depending on this may be required to do the course work or part thereof or be exempted from it.

Class meetings will be an equivalent of three (3) hours per week for the duration of the academic year. This will be presented in blocks. Part-time students must make their own arrangements to attend scheduled classes. Students’ programmes will be designed on individual basis according to the students’ career goals, needs, clinical and research interest.

Students studying part-time will be required to be in an appropriate post. Full-time registered students will be allocated to relevant institutions to gain or maintain the necessary skills and experience.

30.4 CONVERSION OF DEGREE

A student who is registered at MEDUNSA for an M.Cur and wishes to convert from an M Cur degree to a B Cur Hons degree and has complied with all the requirements for the B Cur Hons Degree may apply for such a conversion and register accordingly.

30.5 REGISTRATION WITH THE SOUTH AFRICAN NURSING COUNCIL

Students who complete and obtain their degree with University of Limpopo shall be registerable with the South African Nursing Council for recognition of the post-graduate degree obtained and where applicable a relevant additional qualification as well.

30.6 EXAMINATIONS

(i) Students shall write annual examinations on the coursework done in October – December examination period.

(ii) During the course of study each student shall publish at least one article from the research undertaken in a recognised research journal. A complete and bound dissertation on the study project shall be submitted for examination at the end of October. A supervisor and an external examiner appointed by the Head of the Nursing Science Department in collaboration with the course convenor shall assess the dissertation.

(iii) Each student registered for a clinical masters degree must complete a minimum of 800 hours of appropriate practical.
31.1 SELECTION AND ADMISSION REQUIREMENTS

31.1.1. Selection

(i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly by the Office of the Registrar.

(ii) Students who have been refused re-registration in a Faculty of Medicine at any other University shall not be admitted to this Medical Faculty.

31.1.2 Admission requirements

Applicants must be in possession of a B Occ Ther OR an equivalent qualification OR have received status from Senate according to rules and regulations regarding such Admission and be registered as an occupational therapist with the HPCSA.

31.2 CURRICULUM

Proceeding by Research Work

OCTH808 Dissertation/Thesis
The candidate shall execute research under the guidance of a supervisor appointed by Senate, over a minimum period of one year. The candidate shall in the first year enrol for and pass the courses:

REME 801 Research Methodology (Compulsory)
PROD 801 Protocol Development

Attendance of research seminars will be compulsory

Proceeding by Coursework and Minor Dissertation

Minimum duration of the degree programme is 2 years part-time

The curriculum consists of:

OCTH801 Occupational Therapy (Examination subject)
REME801 Research Methodology
PROD801 Protocol Development
OCTH802 Occupational Therapy (Minor dissertation)

A major subject shall be selected from the following speciality area:

Occupational Therapy (Paediatric Care)

Note: Additional speciality areas will be offered as circumstances permit
34.1.2 Admission requirements

Applicants must be in possession of a four-year qualification or an honours degree in nutrition/dietetics, or have received status from Senate according to the rules and regulations regarding such Admission.

34.2 DURATION

The minimum duration of the degree programme is 2 years and the maximum 4 years.

34.3 CURRICULUM

DIET808  Dissertation
The candidate shall execute research under the guidance of a supervisor appointed by Senate. The candidate shall in the first year enrol for and pass the courses

REME801  Research Methodology,
PROD801  Protocol Development
BIOZ781  Biostatistics

The research topic may be in one of the following fields:
Nutritional Physiology and/or Biochemistry
Community Nutrition
Therapeutic Nutrition
Foodservice Administration
The candidate shall submit a dissertation on completion of his/her studies

HSM36 MSc (PHYSIOTHERAPY) DEGREE PROGRAMME (056)

36.1 SELECTION AND ADMISSION REQUIREMENTS

36.1.1 Selection

(i) For practical reasons only a limited number of applicants can be admitted to the degree programme. Students are therefore selected on merit by a Selection Committee and notified accordingly by the Office of the Registrar.

(ii) Students who have been refused re-registration in a Faculty of Medicine at any other University shall not be admitted to this Medical Faculty.

36.1.2 Admission requirements

Applicants must be in possession of a BSc (Physiotherapy) degree (which has honours status) or have received status from the Senate, according to the rules and regulations regarding such Admission.

36.1.3 Duration of the programme

The programme is offered on a part-time basis and will extend over a period of two (2) years. Except with special permission of the Senate the duration of the programme shall not be longer than five (5) years.

36.1.4 Curriculum

(i) The degree programme shall be a Master of Science in Physiotherapy by course work or a master degree by research.
The master degree by course work shall be offered in:

(a) Sports medicine and Rehabilitation
(b) Community Physiotherapy

All students registered for MSc Physiotherapy shall enrol and pass:
REME801 Research Methodology
PROF801 Project Development
PHYT801 Dissertation/thesis

Students who do not wish to undertake coursework can register for a master degree by research and submit a full dissertation.

### SPORTS MEDICINE & REHABILITATION (0565) MSC (PHYSIOTHERAPY) IN SPORTS MED REHAB

<table>
<thead>
<tr>
<th>First Year</th>
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<tbody>
<tr>
<td>REME801</td>
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<td>PROD801</td>
<td>Project Development</td>
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<td>APPM802</td>
<td>Exercise Physiology</td>
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<td><strong>TOTAL</strong></td>
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### Community Physiotherapy (056C) MSC (Physiotherapy) in Community Physiotherapy

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<tr>
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<tr>
<td>CHRC701</td>
<td>Communicable and non communicable health related conditions.</td>
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</tr>
<tr>
<td>ATHS701</td>
<td>Administrative theory and the health related Social sciences</td>
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</tr>
<tr>
<td>ETBD701</td>
<td>Epidemiologic theory, biostatistics and Demography including research methodology.</td>
<td></td>
</tr>
<tr>
<td>PROD801</td>
<td>Project development</td>
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</thead>
<tbody>
<tr>
<td>PHYT801</td>
<td>Dissertation/thesis</td>
<td></td>
</tr>
<tr>
<td>CPHY801</td>
<td>Community Physiotherapy</td>
<td></td>
</tr>
</tbody>
</table>

#### 36.2 Registration with Health Professionals Council of South Africa.

All students must be registered with HPCSA and registration renewed annually. Students who complete and obtain their degree with University of Limpopo shall be able to register with HPCSA for recognition of the post-graduate degree obtained.

#### 36.3 Examinations

(i) Students shall write final examination on the course work in the October – December examination period.

(ii) During the course of the study each student shall publish at least one article from the research undertaken in a recognised research journal. A complete and bound dissertation/thesis on the study project shall be submitted for examination at the end of October.
Curriculum
The curriculum consists of the following:
6 Core courses
3 Courses in cognate area
4 Compulsory Summer and Winter School, 2 of each

Research project
Each course is worth 30 credits

MASTERS OF PUBLIC HEALTH : FIRST YEAR

<table>
<thead>
<tr>
<th>Tracks</th>
<th>Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td>All students</td>
<td>PPHE701 or</td>
<td>Principles of Public Health Education and Promotion</td>
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<tr>
<td></td>
<td>HSM701</td>
<td>Principles of Health Systems Management</td>
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<td>RMPH 701</td>
<td>Research Methods in Public Health</td>
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<tr>
<td>Second Semester</td>
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<td></td>
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<tr>
<td>All students</td>
<td>PREH 701</td>
<td>Principles of Environmental Health or</td>
</tr>
<tr>
<td></td>
<td>PROH 701</td>
<td>Principles of Occupational Health</td>
</tr>
<tr>
<td></td>
<td>EPI 701</td>
<td>Principles of Epidemiology</td>
</tr>
<tr>
<td></td>
<td>BIOS 701</td>
<td>Principles of Biostatistics</td>
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<td></td>
<td>PHDI 801</td>
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MASTERS OF PUBLIC HEALTH: SECOND YEAR

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<td>Health Systems Management and Policy</td>
<td>HSMP 801</td>
<td>Theoretical Foundations of Health System Management</td>
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<tr>
<td></td>
<td>HPOL 701</td>
<td>Introduction to Health Policy</td>
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<tr>
<td></td>
<td>HPOL801</td>
<td>Theoretical Foundations of Health Policy</td>
</tr>
<tr>
<td></td>
<td>PHDI 801</td>
<td>Master of Public Health Dissertation</td>
</tr>
<tr>
<td>Social and Behavioural Health Sciences</td>
<td>HPRO 801</td>
<td>Evaluation of Public Health Programs</td>
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<tr>
<td></td>
<td>PPHE 801</td>
<td>Theoretical Foundations of Public Health Education</td>
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<td>QRPH801</td>
<td>Qualitative Research in Public Health</td>
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<td></td>
<td>PHDI 801</td>
<td>Master of Public Health Dissertation</td>
</tr>
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<td>EOEP801</td>
<td>Environmental and Occupational Epidemiology</td>
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<td>FEOH801</td>
<td>Theoretical Foundations of Environmental and Occupational Health</td>
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<td>EPI 801</td>
<td>Theoretical Foundations of Epidemiology</td>
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<td>Master of Public Health Dissertation</td>
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<td>HIV/AIDS</td>
<td>ASOC 701</td>
<td>AIDS, Development and Society</td>
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<td></td>
<td>HPOL 701</td>
<td>Introduction to Health Policy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective course (own choice)</td>
</tr>
</tbody>
</table>
1.1 ADMISSION REQUIREMENTS

Unless otherwise indicated, the General Rules for postgraduate students apply.

1.1.1 PhD in Occupational Therapy

(i) Applicants must be in possession of a master's degree in Occupational Therapy or by permission of Senate according to rules and regulations regarding such permission.
(ii) The examination comprises a thesis on an original research project approved by Senate.
(iii) The degree shall not be awarded until at least two years after completion of the master's degree.

1.1.2 PhD in Dietetics

Applicants must be in possession of a MSc (Diet) degree or have received status from Senate according to the rules and regulations regarding such Admission.

1.1.3 PhD in Physiotherapy

Applicants must be in possession of an appropriate master's degree in Physiotherapy or have received status from Senate according to the rules and regulations regarding such Admission.

1.1.4 PhD in Nursing Science

Unless otherwise specified, the General Faculty rules apply. Applicants must be

(i) In possession of a masters degree in Nursing or its equivalent
(ii) And remain registered with the South African Nursing Council for the duration of their study

The duration shall not be longer than five years.

1.1.5 PhD in Pharmacy

Applicants must be in possession of an appropriate master's degree in Pharmacy or have received status from Senate according to the rules and regulations regarding such Admission.

THE DOCTOR OF PUBLIC HEALTH (DrPH)

The Doctor of Public Health programme is meant for those students who are already public health practitioners and want to strengthen their professional skills in teaching, practice or research. Doctoral students should indicate their area of interest at the time of application. The available tracks are Biostatistics, Environmental and Occupational Health, Epidemiology, Health Systems Management and Social and Behavioural Health Sciences.

The DrPH degree requirements are tailored for the individual student according to his/her professional
focus and interest. The number of doctoral students admitted is determined by the following:

(i) The human resources in the School;

(ii) The availability of support and attention that the School can afford to give the student to fulfil his/her aspirations;

(iii) The specialisation requirements of the student.

In order to accommodate the varied focus areas in public health practice, the structure and content of each student’s doctoral programme is determined by the student and the academic advisor, following the guidelines of the School and the individual department in which the student has selected his/her cognate area. These requirements are discussed at the time the student enrols at the School.

An agreement detailing these requirements is to be signed by both the academic advisor/supervisor and the student. This agreement is binding and will be a reference document for the duration of the programme. The latest version of the agreement will be binding to both parties and will be used as a checklist to establish whether the student has met all the requirements for the degree programme.

1. General track
   Core Subject Area 2 to 4 courses
   Research/Statistical Methods 2 courses
   Concentration area 2 to 4 courses

2. Social and behavioural Sciences track
   The following courses are required either before or during the stages of proposal development for the doctoral thesis:

   If a candidate has an MPH with all the core courses (RMPH701, PPHE701/PHBC701, HSMP701, INBI701, EPID701, EPID801, PROH701/PREH701), He or she requires the following cognate area courses:
   (i) Theoretical Foundations of Public Health Education (PPHE801).
   (i) Evaluation of Health Promotion Programmes (HPRO801).
   (iii) Qualitative Research in Public Health (QRPH801).

3. An independent study commissioned by the Department. This may be one of the following:
   (i) Development or contribution to the development of a course in the department
   (ii) Co-teaching of a course for a specified period.
   (iii) Research on a specific topic (this is not the DrPH thesis).

4. If a candidate does not have an MPH, but has another relevant Masters degree, he/she will be required to:
   (i) Successfully complete at least four (4) of the required courses in 1.4.1.2.1 above. The preferred course is PPHE701/PHBC701, INBI701, EPID701 and EPID801.
   (ii) Complete the cognate courses.

5. The candidate and the Department will agree on specific courses to be done. Courses done elsewhere will be credited according to SPH rules.

   Upon acceptance into the DrPH programme, the candidate will enter into a formal
contract/agreement, which details the specific courses and other requirements for completion of the DrPH. Once accepted to the programme, all NSPH rules apply until completion of the programme.

HSDip POSTGRADUATE DIPLOMA PROGRAMMES

HSDip1 GENERAL RULES APPLICABLE TO POST GRADUATE DIPLOMA PROGRAMMES

1.1 Admission of Diplomates to Honours Studies

In the case of diplomate students, Senate may, on the recommendation of Faculty Board:

(i) Grant to a non-university diplomate direct Admission to honours studies subject to such a diplomate passing a full examination in all the final year courses of the relevant bachelor’s degree programme;

(ii) Grant to a university diplomate direct Admission to honours studies provided that he/she has sufficient experience in his/her respective field and passes an entrance examination.

1.2 General Policy Regarding Admission of Diplomates to Post-Graduate Studies.

(i) In the case of diplomate students, Senate may, on the recommendation of a Faculty Board grant to a non-university diplomate direct Admission to honours studies subject to such a diplomate passing a full examination in all the final year courses of the relevant bachelor’s degree programme.

(ii) Grant to a university diplomate direct Admission to honour’s studies provided that he/she has sufficient experience in his/her respective field and passes an entrance examination.

(iii) Grant to a student holding a National Diploma in Occupational Therapy or Physiotherapy direct Admission to honour’s degree programme, provided that he/she has sufficient experience in his/her respective field and passes an entrance examination equivalent to the final year bachelor’s degree examination.
Inter Faculty offering by Department of Nursing Science and Environmental and Occupational Health.

1.1 SELECTION AND ADMISSION REQUIREMENTS

1.1.1 Admission requirements

Applicants must be in possession of:
- A school leaving certificate
- Proof of registration as a General Nurse with the South African Nursing Council.
- Two (2) Years clinical experience as registered nurse.
- Working in an occupational health setting will be a strong recommendation.

1.1.2 Selection

(i) Only a limited number of applicants can be admitted to the diploma programme. Students are selected on merit by a selection committee and notified by the Office of the Registrar.

(ii) Foreign students will be selected and admitted on the proviso that they meet the admission and selection requirements of the university and are prepared to pay full tuition and residence fee at the rate provided for foreign students in the calendar.

1.1.3 General

(i) Submission of portfolios of evidence, that is the formal or non-formal and informal prior learning and work experience which learners bring to the learning situation will be recognized

(ii) In order for a student to be registered as an Occupational Health Nurse with SANC, students must submit proof of a Basic Life support certificate from an accredited institution that is less than five (5) years old.

(iii) To improve the clinical competence of students they will be exposed to all relevant occupational health learning areas.

(iv) In order for the student to be competent, the following compulsory short courses will be offered:

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audiometry</td>
<td>36 hours</td>
</tr>
<tr>
<td>General Health &amp; Safety (NOSA):</td>
<td>36 hours</td>
</tr>
<tr>
<td>Risk Management:</td>
<td>36 hours</td>
</tr>
<tr>
<td>Counselling:</td>
<td>40 hours</td>
</tr>
<tr>
<td>Life Support Basic &amp; Advanced:</td>
<td>36 hours</td>
</tr>
<tr>
<td>Food Hygiene:</td>
<td>36 hours</td>
</tr>
<tr>
<td>Industrial Hygiene:</td>
<td>40 hours</td>
</tr>
<tr>
<td>Primary Clinical Care (Assessment, Diagnosis &amp; Treatment):</td>
<td>80 hours</td>
</tr>
</tbody>
</table>

(v) Level at which the qualification is pegged: NQF Level 6

(vi) Credits required for fundamental, core and elective learning:

<table>
<thead>
<tr>
<th>Learning</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fundamental</td>
<td>20</td>
</tr>
<tr>
<td>Core</td>
<td>80</td>
</tr>
<tr>
<td>Elective</td>
<td>20</td>
</tr>
<tr>
<td>Total credits</td>
<td>120</td>
</tr>
</tbody>
</table>

(vii) Integrated assessment to ensure that the purpose of the qualification is achieved:
- Continuous assessment through projects, written and oral tests.
- Formative and summative assessment are integrated through written, oral and practical examinations.
A student may apply for exemption for modules/subjects that have been completed and passed at University of Limpopo or at any other university provided that:
- the original transcript (or a certified copy) of the modules/subjects passed is produced
- the period of passing such modules/subjects does not exceed five (5) years.

The duration of the course: two (2) years part-time:

**First year:**
- Research Methodology (OHNR101)
- Nursing Dynamics (NUDY111)
- Occupational Health (OCCH121)

**Second year**
- Occupational Health Nursing (OCHN101)
- Occupational Health Nursing Practice (OHNP101)

Contact sessions in first and second year as follows:
- One (1) block week in the beginning of the year
- 2 contact sessions of two (2) days in the first semester
- 2 contact sessions of two (2) days in the second semester
- Online (web based work).

**1.1.4 Curriculum for DOH**

**SUBJECT 1: OCCUPATIONAL HEALTH (48 CREDITS) (OCCH 121):**

1.1. MODULE 1: PRINCIPLES OF OCCUPATIONAL HEALTH NURSING
1.2. MODULE 2: WORK AND SAFETY
1.3. MODULE 3: ORGANIZATION AND MANAGEMENT

**SUBJECT 2: OCCUPATIONAL HEALTH NURSING (36 CREDITS) (OCHN 101):**

2.1. MODULE 1: NURSING INTERVENTIONS
2.2. MODULE: HEALTH PROMOTION
2.3. MODULE 3: PHARMACOLOGY

**SUBJECT 3: OCCUPATIONAL HEALTH NURSING PRACTICE (OHNP 101)(12 CREDITS)**

**SUBJECT 4: RESEARCH METHODOLOGY (16 CREDITS)(OHNR 101)**

**SUBJECT 5: NURSING DYNAMICS & PROFESSIONALISM (8 CREDITS) (NUDY 111)**

**1.1.5 Assessment**

**Formative:** Continuous assessment through a combination of practical, presentations and seminars, oral & written tests and projects.

**Summative:** Two (2) written examination papers of three hours one at the end of each year.

**Moderation:** External examiner

**1.1.6 Granting of the Diploma**

The diploma Occupational Health & Nursing is awarded to a student who has completed the stipulated
practica programme and has fulfilled the entire module and other requirements of the programme passed all the required examinations

1.1.7 Diploma with Distinction
The diploma with distinction is awarded to a student who obtains a minimum of 75% in his/her major courses.

| HSDip4 | DIP HOSPITAL PHARMACY MANAGEMENT (100) |

4.1 PURPOSE OF QUALIFICATION
The primary purpose of the qualification is to provide qualifying learners with comprehensive management skills to manage a hospital pharmacy effectively.

4.2 ASSUMPTION OF LEARNING ALREADY IN PLACE
(i) Learners who register for this qualification should be competent in operating as registered pharmacists within all sections of a hospital pharmacy.
(ii) This qualification recognises, through the submission of portfolios of evidence, the formal/non-formal/informal prior knowledge which learners who register for the programme bring to the learning situation.

4.3 ADMISSION REQUIREMENTS
Applicants for admission must hold a bachelor’s degree in pharmacy from a recognised university or an equivalent qualification.

4.4 DURATION OF COURSE
A minimum of one year part-time study.

4.5 CURRICULUM
The curriculum consists of five modules
- PHMP601 The management process
- PHHM601 Human resource management
- PHFM601 Financial management
- PHMM601 Medicines’ management
- PHRE601 Research project

4.6 ASSESSMENT
(i) Continuous assessment through work-related group and individual projects.
(ii) Formative and summative assessment is integrated mainly through work-related assignments.

Total course credits = 100 credits
POSTGRADUATE DIPLOMA IN PUBLIC HEALTH (PGDPH)

ADMISSION REQUIREMENTS
The minimum admission requirement is a bachelor's degree. The programme is aimed at people who would like to make an impact in their communities and institutions regarding various public health issues.

DURATION OF THE PROGRAMME
One academic year.

CURRICULUM
The curriculum is structured in such a way that it gives the student the necessary knowledge and skills to manage public health programmes in a variety of settings. To meet the needs of various groups the required course combinations are determined in such a way that they enable students to gain skills in a specific area of public health practice. Six courses are required for completion of the programme. The two core courses are Principles of Epidemiology (EPID701) and Public Health Research Project (DPHR701) and the other four are determined by relevant Departments and the focus area of the student.

<table>
<thead>
<tr>
<th>Track</th>
<th>Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV AND AIDS</td>
<td>PPHE 701</td>
<td>Principles of Public Health Education and Promotion</td>
</tr>
<tr>
<td></td>
<td>HSMP 701</td>
<td>Principles of Health Systems Management</td>
</tr>
<tr>
<td></td>
<td>DPHR 701</td>
<td>Public Health Research Project</td>
</tr>
<tr>
<td></td>
<td>EPID 701</td>
<td>Principles of Epidemiology</td>
</tr>
<tr>
<td></td>
<td>PROH 701</td>
<td>Principles of Occupational Health or</td>
</tr>
<tr>
<td></td>
<td>or PREH 701</td>
<td>Principles of Environmental Health</td>
</tr>
<tr>
<td></td>
<td>ASOC 701</td>
<td>AIDS, Development and Society</td>
</tr>
<tr>
<td>Infectious Disease Control (IDC)</td>
<td>PPHE 701</td>
<td>Principles of Public Health Education and Promotion</td>
</tr>
<tr>
<td></td>
<td>HSMP 701</td>
<td>Principles of Health Systems Management</td>
</tr>
<tr>
<td></td>
<td>DPHR 701</td>
<td>Public Health Research Project</td>
</tr>
<tr>
<td></td>
<td>EPID 701</td>
<td>Principles of Epidemiology</td>
</tr>
<tr>
<td></td>
<td>PVAC 701</td>
<td>Principles of Vaccinology</td>
</tr>
<tr>
<td></td>
<td>PIDC 701</td>
<td>Principles of Infectious Disease Control</td>
</tr>
<tr>
<td>Health Promotion</td>
<td>PPHE 701</td>
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<td></td>
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<tr>
<td></td>
<td>PROH 701</td>
<td>Principles of Occupational Health or</td>
</tr>
<tr>
<td></td>
<td>or PREH 701</td>
<td>Principles of Environmental Health</td>
</tr>
<tr>
<td></td>
<td>PHBC 701</td>
<td>Principles of Health Behaviour Change</td>
</tr>
<tr>
<td>Occupational Health</td>
<td>HSMP 701</td>
<td>Principles of Health Systems Management</td>
</tr>
<tr>
<td></td>
<td>PRAM 701</td>
<td>Principles of Risk Assessment Methods</td>
</tr>
<tr>
<td></td>
<td>DPHR 701</td>
<td>Public Health Research Project</td>
</tr>
<tr>
<td></td>
<td>EPID 701</td>
<td>Principles of Epidemiology</td>
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<td></td>
<td>PROH 701</td>
<td>Principles of Occupational Health</td>
</tr>
<tr>
<td></td>
<td>PREH 701</td>
<td>Principles of Environmental Health</td>
</tr>
</tbody>
</table>
POSTGRADUATE DIPLOMA IN THE MANAGEMENT OF HIV/AIDS IN THE WORLD OF WORK (PDM)

This program has been faced out and was last offered in 2008

SHORT COURSE

SYLLABUS

**Applied Psychology (BSc Physiotherapy)**

Theoretical and practical aspects of psychology that assist in the physical management of patients are covered in this course. Consist of 120 lectures.

Examination: 2 x 3-hours written papers

**Administration (BSc (Physiotherapy III)**

All aspects of the principles of management of a Physiotherapy service (private or governmental) are covered in a course of 30 lectures.

Total course credits = 3.0

**Anatomy (B Cur I)** (ANTM109)

Introducing and revising basic biology & anatomy principles and explaining anatomical terminology to first year students. Formal curriculum - regional anatomy of the thorax, head & neck, upper limb, abdomen & pelvis and perineum & lower limb pertaining to the relevant histology of vital organs and gross anatomy. The same exemption rule as for MBChB II is applied.

Introduction: 7 x 40 minute periods
Theoretical instruction: 105 x 40 minute periods
Practical instruction: 28 x 40 minute periods
Revision/self study: 26 x 40 minute periods
Practical/theoretical test (contributing to year mark): 24 x 40 minute periods

Final examination: 1 x 3 hours theory paper 1 x 1 hour practical

**Anatomy A (B SLP&A I)** (ANTM114)

Introducing and revising basic biology; anatomy principles and anatomical terminology. Cover the regional anatomy of the thorax, head and neck and Neuroanatomy – with emphasis on speech and auditory apparatuses. The same exemption rule as for MBChB II is applied.

Final examination: 1 x 3 hours theory paper 1 x 1 hour practical
Anatomy (Physiotherapy)

The course consists of both gross and microscopical anatomy and embryology. The gross anatomy is taught by formal lectures as well as demonstration on prosected specimens. The teaching of embryology is closely coordinated with that of gross anatomy, although this course is integrated with that of the BSc physiotherapy students; great care is taken to place emphasis on those aspects of anatomy pertinent to future physiotherapists.

Theoretical instruction = 252 X 40 minutes periods
Practical = 252 periods
Total Credits = 37.8

Anatomy IE (Occ Ther I and BSc Physiotherapy II)

The aim of the anatomy course is to give the student a basic understanding of the structure of the entire human body. The anatomy of the upper and lower limbs (including joints), the back and central nervous system, which are important areas for the therapist are emphasized, by the student having to dissect these areas. The entire course is 250 hours and is composed of:

(a) Dissection, lectures and tutorials covering the anatomy of the limbs, back and central nervous system (150 hours);
(b) Demonstration using prosected specimens, lectures and tutorials covering the anatomy of thorax, head, neck, abdomen, pelvis and perineum (100 hours)

There are five class tests during the course of the year. Each test comprises a written component (MCQ's, short and long answer questions) and a practical component (spotter) where a student has to identify an anatomical structure on a specimen. All class tests are compulsory. A student who has attended and passed all class tests and gained an average of 60% or more, will be exempted from the final examination.

Anatomy, and Physiology of Speech, Language and Hearing Mechanisms II (APSH201)

Anatomy, physiology and pathology of speech, language and hearing as additional subjects will provide the student with knowledge of:

The basic structures involved in communication processes and the pathologies, which could affect them. Neurology of speech, language, and hearing to provide students with a basic knowledge of the nervous system and its specific involvement in the communication process and pathologies of the nervous system which could affect this process.

Final examination: 1 x 3-hours written paper

Applied Physiotherapy I

A course of Physiotherapy principles applied in specific clinical areas, consisting of approximately 500 hours of clinical instruction and practice. Also includes 60 hours of case presentations and discussions. Includes practice in all aspects of Surgery and Burns, Pulmonology, Orthopaedics, Neurology and Community Physiotherapy.

Examination: Practical consisting of patient evaluation and treatment of a prepared patient and evaluation of an unseen patient.

Total course credits = 50 credits

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**Applied Physiotherapy II**

A course of Physiotherapy principles applied in specific clinical areas, consisting of a minimum of 1000 hours of clinical instruction and practice. Includes practice in all aspects of surgery, including Cardio-Thoracic Surgery and Plastic Surgery, Neurology, Paediatrics, Intensive Care, Orthopaedics, outpatients and Community Physiotherapy, as contained in the clinical workbook. An elective period of 4 weeks is spent away, in a hospital of the student's choice provided that there is a qualified physiotherapist in that hospital.

Examination will be conducted at the end of each block and will comprise of: Evaluation of unseen patient, treatment of patient and continuous block evaluation.

Total course credits = 100 credits

**Applied Psychology (BSc Physiotherapy)**

Theoretical and practical aspects of psychology that assist in the physical management of patients are covered in this course. Consist of 120 lectures.

Examination: 2 x 3-hours written papers

**Audiology I (B SLP&A I) (AUDA101)**

Theoretical components:

**Basic Introduction to Audiology A (AUDA110)**

The student will be empowered to obtain a fundamental knowledge regarding the anatomy and physiology of the auditory system; principles of acoustics of sound and their applications to speech perception and production, infection control as well as important terms, concepts, principles and theories associated with the communication model.

**Basic Introduction to Audiology B (AUDA120)**

The student will be empowered to establish a fundamental knowledge base regarding terminology, concepts and principles associated with the basic audiological test battery in order to assess a client as well as identify and diagnose hearing disorders for individual case management.

**Auditory Pathology (AUDA130)**

The student will be empowered to establish a fundamental knowledge base regarding terminology, concepts and principles associated with the basic audiological test battery in order to assess a client as well as identify and diagnose hearing disorders for individual case management.

Clinical components:

**Self Testing (CAUDA100)**

**Audiology II (B SLP&A II) (AUDA201)**

Theoretical components:

**Diagnostic and Site-of-Lesion Tests (AUDA210)**

To empower the learner to establish a sound knowledge of key term, concepts, principles and theories in relation to diagnostic site-of-lesion tests needed for diagnostic evaluation and diagnosis of hearing disorders as well as an understanding of how this relates to other areas of Audiology.

**Industrial Audiology (AUDA220)**

To empower the learner to establish a sound knowledge of the industrial audiology screening test battery in terms of identification, intervention and prevention as well as insight into the importance of hearing conservation programs. This includes a sound understanding of key terms, rules, concepts, established principles and theories and how it relates to other areas of Audiology.
Identification and Paediatric Audiology (AUDA230)
To empower the learner to establish a sound knowledge regarding the appropriate test protocol to obtain reliable audiological results in this population, as well as case management. This includes a sound understanding of key terms, rules, concepts, established principles and theories.

Educational Audiology (AUDA240)
To empower the learner to establish a sound knowledge regarding service delivery to school-age population, including screening, consultation with school personnel and families, developing individualized intervention program, role of the educational audiologist. This includes a thorough understanding of key terms, rules, concepts, established principles and theories and how this relates to other areas of the profession.

Clinical components:
Basic Test Battery (CAUDA200a)
Industrial Audiology (CAUDA200b)

Audiology III (B SLP&A III) (AUDA301)

Theoretical components:
Electrophysiology (AUDA310)
To empower the learner to establish a well-rounded and systematic knowledge base of terms, rules, concepts, principles and theories related to electrophysiological tests as part of the test battery. This includes a comprehensive theoretical understanding of the population where testing is necessary. The learner will also be empowered to develop necessary skill to apply various tests within the battery to various age groups and pathologies.

(Central) Auditory Processing Disorders (AUDA320)
To empower the learner to establish a well-rounded and systematic knowledge base of concepts relating to (central) auditory processing, the nature of (central) auditory processing disorders, as well as the causes, identification, assessment and management thereof through facilitation of coherent and critical understanding of terms, rules, concepts, principles and theories.

Fitting Devices for Hearing Impairment (AUDA330)
To expose students to the theoretical underpinnings of hearing aids and assistive listening devices, including hearing aid technology and terminology, signal processing strategies, hearing aid selection, fitting, verification and validation counselling and aural rehabilitation to empower the learner to establish a well-rounded and systematic knowledge base.

Aural Rehabilitation (AUDA340)
To empower the learner to establish a well-rounded and systematic knowledge base and insight into the importance of aural rehabilitation for various populations with hearing loss. This includes understanding of theoretical components as well as application of aural rehabilitation intervention principles and practices.

Clinical components:
Diagnostic Audiology (CAUDA300a)
Electrophysiology (CAUDA300b)
Neonatal Hearing Screening (CAUDA300c)
(Central) Auditory Processing Disorders (CAUDA300d)

Audiology IV (B SLP&A IV) (AUDA401)

Theoretical components:
South African Sign Language (AUDA410)
The module presents an overview of basic South African Sign Language and Deaf Culture. It aims to equip students with basic skill to empower them to communicate with the Deaf as well as to promote
sensitivity to the Deaf Culture by establishing a comprehensive and systematic knowledge together with a coherent and critical understanding of the principles and theories underlying the Deaf Culture.

**Case Presentations (AUD420)**
To empower the learner to apply theoretical knowledge in clinical practice to increase clinical skill (interpretation/recommendations/management) through case presentations and discussions.

**Recent Advances in Audiology (AUD430)**
To empower the learner to establish comprehensive and systematic knowledge of the recent advances and current issues in Audiology as well as the importance of recent research and advances in providing appropriate assessment and management of clients with various pathologies/diagnosis of hearing loss and any other aspects relevant to the profession of audiology within the South African context.

**Practice Management (AUD440)**
To empower the learner to establish comprehensive and systematic knowledge of practice management principles within an audiological practice and to develop insight into the importance of strategic planning and marketing within the audiological practice.

Clinical components:
- **Aural Rehabilitation (CAUDA400a)**
- **Electrophysiology (CAUDA400b)**
- **Fitting Devices (CAUDA400c)**
- **Paediatric Audiology (CAUDA400d)**
- **Educational Audiology (CAUDA400e)**

**ASOC701 AIDs, Development and Society**
30 credits
History and knowledge of AIDS; Technical and scientific aspects; dynamics of the epidemic; social and economic implications; prevention and management; policies and laws; the course focuses on local, national, continental and international aspects of the HIV/AIDS pandemic.

**Biology I (BSc(Diet) I; BSc(Med) I; BSc(Physiotherapy) I; MBChB I)**
Introduction; evolution; taxonomy and systematics; cytology and genetics; tissues and systems; embryology; medically important parasites; medically important carriers; medically important poisonous/venomous animals; medically important plants; ecology and environmental health; animal and plant foods; definitions.
Practical.
Examination: 2 x 2-hours written papers
Total course Credits: 24

**Biopharmaceutics, pharmacokinetics and pharmacodynamics (BPharm I) (PBIO121)**
An introduction to biopharmaceutics - processes prior to drug administration; pharmacokinetics - processes including drug absorption, distribution, metabolism and excretion (with emphasis on the kidney); and pharmacodynamics - drug action; therapeutic drug monitoring.

**Biophysics IB (B Rad (Diagn) I; BSc (Physiotherapy) I)**
Mathematics review; vectors; kinematics; dynamics; hydrostatics; fluid flow; general gas law; heat; optics; electrostatics; current electricity; electro magnetism; alternating current; radioactivity; x-rays. The teaching program comprises five formal lectures per week and one 3-hour practical every alternative week.
Examination: 1 x 3-hours written paper
Total course Credits: 24

**Biophysics IC (B Cur I; B Cur (BNSc) I; B Occ Ther I) BPHY103**

Mathematics review; velocity and acceleration; forces; work; energy; properties of liquids and gases; heat and temperature; electricity and magnetism; wave motion; physics of vision; nuclear radiation. The teaching program comprises four lectures per week. Examination: 1 x 2-hours written paper

**Cardiovascular Pharmacy (BPharm II) (PCAR 212)**

An overview of the anatomy and physiology of the cardiovascular and renal systems. The pathophysiology of the major disorders affecting the cardiovascular and renal systems. The pharmacology of the therapeutic agents used to treat these disorders, including antimicrobials.

**Chemistry IB (BSc (DIET) I; BSc (Physiotherapy) I)**

Basic concepts and laws; atoms; ions and molecules; chemical bonding; solids; liquids and gases; energy changes in chemical and physical processes; equilibria; solutions and homogeneous mixtures; rates of reactions; structure and reactivity; electrical properties of solutions; radioactivity; isomerism; systematic nomenclature of organic compounds according to functional groups; reactions of classes of organic compounds; chemistry of physiologically important compounds (4 lectures and ½ practical per week) Examination: 1 written paper

Total course Credits: 22

**Chemistry IC (B Cur I, B Cur (BNSc) I)**

Basic concepts and laws; atomic structure; radioactivity; chemical bonding; stoichiometry; the three states of aggregation; solutions; acids, bases and salts; electrolytes and nonelectrolytes; equilibrium and reaction kinetics; classification and reactions of organic compounds; chemistry of physiologically important compounds. (3 lectures and 1½ practicals per week) (90 periods theory) (60 periods practical).

Examination: 1 written paper

**Clinical Sciences IA (B Occ Ther II) CLSC103**

This is a capita selecta course where concepts relevant to occupational therapy are discussed in the context of social pathology.

**Clinical Sciences IB (BSc Physiotherapy III)**

Internal Medicine = 2.2 credits
Anatomical Pathology = 5.8 credits
Neurology = 2.4 credits
Psychiatry = 2.5 credits
Examination: 1 written paper
Total course credits = 12.9 credits

**Clinical Sciences IIA (B Occ Ther II) CLSC203**

An introduction to pathology, in particular the pathogenesis of common diseases aetiology, signs and symptoms, course, prognosis and medical treatment of different medical conditions are covered in the fields of Internal Medicine, Neurology, Neuro Surgery, General Surgery, Cardio-thoracic Surgery, Hand surgery, Obstetrics and Gynaecology, Ophthalmology, Orthopaedics, Plastic Surgery, Psychiatry. An
introduction to Community Health as a discipline is also covered under this category.

### Clinical Sciences IIB (BSc Physiotherapy IV)

<table>
<thead>
<tr>
<th>Module B: Orthopaedics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module F: General Surgery; Cardio-Thoracic surgery; Hand surgery; Plastic surgery; Community Medicine; Obstetrics and Gynaecology; Dermatology.</td>
</tr>
</tbody>
</table>

Orthopaedics = 2.4 credits  
General Surgery = 1.8 credits  
Community Medicine = 2.7 credits  
Examination: 1x 3hours written paper  
TOTAL COURSE CREDITS = 6.9 credits

### Clinical Sciences (BSc (Diet) III)

A series of lectures as set out per topic below.

**Anatomical Pathology (40 lectures), Internal Medicine (40 lectures) Pharmacology (20 lectures)**

Examination: ONE 3 HOUR written paper during the midyear May /June examinations.

### Community Health Nursing Science Pathway

#### Community Nursing Science I (BNSc I)

Core Module PRHC 101: Primary Health Care  
16 credits

This course covers the evolution of the concept of Primary Health Care (PHC) and current PHC practices in developing countries. The course analyses and reviews the principles and eight essential elements of PHC as defined by the 1978 Alma Ata conference under the joint sponsorship of the World Health Organization and the United Nations Children Fund (UNICEFF). Management and logistical aspects of PHC are discussed, along with a number of profiles within the South African context including the historical overview of the health care system in South Africa and the evolution of the National Health Care System. Child survival and maternal health initiative as embraced by the Health care system and many non-governmental/voluntary organization dedicated to health and development are reviewed within the context of PHC. These initiatives will be aimed at meeting the health care needs in the various stages of growth from birth through adolescence as well as during adulthood. They will include the promotion of maternal and child health through provision of preventive, curative and rehabilitative services. Health care delivery using the PHC approach is discussed and reviewed within the district health system management approach. Aspects of reproductive health care introduced.

Examination: 1 x 3 hours written paper.

#### Community Nursing Science II (BNSC II)

CHNP201: Community Health Nursing Practice  
24 credits

Content - Health provision and management in Maternal and Child Care, environmental, occupational, school health services and the aged performed on continuously based at the clinics, old age homes and schools.

Examination marks: Evaluation of the registers on maternal and child care, occupational, school health
Environmental health.

Community Nursing Science III (BNSC III)

MODULE : 1
HIVA301 : HIV/AIDS MANAGEMENT 24 credits

This course provides an introduction to HIV/AIDS diagnosis, prevention, control and management and the psychosocial impact of the disease. The content covers aspects related to HIV/AIDS epidemiology, aetiology, virology, pathophysiology and management of the clinical manifestation. Care for the HIV/AIDS infected person is outlined with specific reference to management of opportunistic infections, nutrition, nursing at all levels of the disease process. Aspects of treatment, anti-retroviral therapy and alternative medicine are discussed. The public health response to the epidemic, including counseling and testing, prevention, education, legal and ethical issues are discussed. Aspects of home and palliative care and treatment, including death and dying, bereavement, support for families and orphans, public reaction, response and future directions are discussed.

Integrated in the teaching of HIV/AIDS management will be the epidemiology, aetiology, pathophysiology, diagnosis, patterns, factors that impact on the disease and control of tuberculosis and sexually transmitted diseases.

Examination: 1 x 3 hours written paper.

DEMO701 Principles of Demography

30 credits

An introductory course to Demography. Overview of the discipline, sources of demographic data, techniques for organising and analysing data, calculations and interpretation of key indicators for measuring fertility, mortality, migration and population growth. History of the growth and distribution of world population.

MODULE : 2
TPHC 301 : TRENDS IN PRIMARY HEALTH CARE 16 Credits

This course will include the health policy of South Africa in relation to the National Health System and its relation to the Primary Health Care (PHC) and the policy of the country; trends that influence health care provision in relation to demography, socio cultural issues, economical and political factors, contemporary issues especially those related to nutrition with special emphasis on micro-nutrients, their sources, function, metabolism in the body; various diets and nutrition during the life cycles, assessment of nutritional status of individuals, families and communities, the role of supplements and food fortification. The various levels of the national health system including National, Provincial, District and local government levels as outlined in the relevant Health Act will be discussed. Primary Health Care (PHC) as a strategy of health care delivery will be explored within the framework of the transformation of the health care system.

Various policies regarding transformation at all the levels will be discussed with specific references to District Health Management.

Examination: 1 x 3 hours written paper.

MODULE : 4
HEPR 301 : HEALTH PROMOTION, COMMUNICATION AND EDUCATION 24 Credits
This course examines the social and behavioral theories and models of lifestyle and behavior changes. Theories and strategies for improving health including health education principles, the need theory, personality development theory, the health belief model, reasoned action, behavior modification, social learning, social support and social change theories will be explored. Emphasis will be given to application of these theories in health education practice.

Skill in planning and developing health education interventions for behavior change at the individual, family and societal level will be provided. Aspects of health promotion, health marketing and disease prevention will be discussed and strategies for health promotion conducted.

Examination: 1 x 3 hours written paper.

**MODULE : 5**
**CDPM 301: COMMUNITY DEVELOPMENT/ORGANIZATION AND PROJECT MANAGEMENT**

**DEVELOPMENT/ORGANIZATION AND PROJECT MANAGEMENT**
24 Credits

This course will put an emphasis on community organization as a major educational approach to community dynamics and development, social change, and community participation in addressing health problems. The course will explore methods for identification and analysis of community health problems and their causes. Content covered will include aspects related to health and nutrition, health and poverty etc. The needs of individuals, families and community health problems will be assessed. Applications of community organization – skills will be done. The course will give students the opportunity to experience major issues faced by program managers in planning, implementing and evaluating health projects. Emphasis will be placed on individual and community based programs.

Examination: 1 x 3 hours written paper.

**MODULE : 6**
**ELDC 301: ELDERLY CARE**

24 Credits

The course will enable the students to provide community based care to the elderly. The course will cover the aging process, health, social and psychological problems of the aged. Attention will be focused on the intervention strategies to minimize the problems of the aged as well as the management of the health related problems to aging. Aspects of agencies providing services to the aged will be discussed. Legislation that supports the aged will be dealt with.

Examination: 1 x 3 hours written paper.

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<tr>
<th>Community Nursing Science I (B Cur II)</th>
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<tbody>
<tr>
<td><strong>Module I</strong></td>
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<tr>
<td>The meaning of Community Health, primary health care, comprehensive health service. Role and functions of community health nurse.</td>
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| **Module II** | 30 PERIODS |
| Maternal and child health services including immunization. Integrated Management of Childhood Illnesses. Adolescent school health services and family planning. |

| **Module III** | 60 PERIODS |
| Basic ecology. Biostatistics. Epidemiologic theory and demography. Communicable and non-communicable diseases control |
Module IV  30 PERIODS
Community nursing process. Environmental health.

Theoretical instruction: 160 x 40 minutes periods. Practical: 400 hours.
Examination: 2 x 2 hours 30 minutes written papers.

**Community Nursing Science II (B Cur III)**

**Module I**  60 PERIODS
The family, factors that influence health in a family, genetics, the family as an agent for health, Home-visits. Integrated Management of Childhood Illnesses. Food: its meaning in a society; availability and distribution, nutritional disorders; gerontology; occupational health care. Health education process; including assessment of community health needs, target group analysis, teaching, learning and evaluation strategies, teaching and learning aids.

**Module II**  30 PERIODS
Health issues of women and children, teenage pregnancy, family planning. The management process in community health, health education programmes: planning implementation and evaluation, preparation and utilization of lay workers in the community.

**Module III**  30 PERIODS
This module covers the evolution of the concept of Primary Health Care (PHC) and current PHC practices in developing countries. The module analyses and reviews the indicators, principles and eight essential elements of PHC as defined by the 1978 Alma Ata conference under the joint sponsorship of the World Health Organization and the United Nations Children Fund (UNICEFF). Health care delivery using the PHC approach is discussed and reviewed within the district health system management approach.

Contemporary issues in community health: social cultural and trans-cultural considerations in rendering of community health services, health related problems, distribution and provision of health care in developing and/or rural areas as well as in developed and/or urban areas. (This will include the provision of health services in the RSA). Health economics. Community development and health support systems.

**Module IV**  40 PERIODS
Population growth: its implications to health and health care provision, primary health care. Psycho socio-cultural pathologies: their implication to health including HIV/AIDS; history, patho-physiology, universal precautions, management, prevention and impact on the families, communities, education as well as the economy; Domestic and community violence; Family disorganization; divorce; juvenile delinquency; environmental health issues including global warming and ozone layer; implications of informal settlement, refugees and street children on the families, community and all levels of health provision. Substance abuse and its implications physically, psychologically, socially and financially to the individual, family and community.

Theoretical instructions: 160 x 40 minute periods. Practical: 100 hours.
Examination: 2 x 3 hours written paper.

**Community Nursing: Major (B Cur (Hons))**

PRHC601 (Module II) Primary Health Care
Content: the nature and history of community health nursing with special emphasis to South Africa; trends of health care provision as seen over time and in different countries; the Alma-Ata declaration; existing disparities in developed and developing countries; primary health care: its meaning, components, principles and strategies for implementation as it applies to the National health plan in South Africa;
epidemiology and programme development in health care provision.

Examination: 1 x 3-hours written paper

MTCH601 (Module III) Models and Theories in Community Health Nursing
Content: Nursing models and theories that apply to community health nursing: health belief models, family models, Orem's self care model, Peplan's interpersonal model, Roy's adaptation model, King's goal attainment and the nursing process model, Leminger's transcultural nursing model and other nursing models relevant to community health nursing.

Examination: 1 x 3-hours written paper

CONS601 (Module IV) Community Health Nursing Speciality I & II
Content: Assessment of individuals: interviews, physical assessment, investigation; Epidemiology, aetiology, pathophysiology, diagnosis, treatment. Prevention and control of communicable diseases; non-communicable diseases, psycho-social issues in health.

Examination: 2 x 3-hours written papers and an oral/clinical/practical examination

CHNP601 (Module V) Advanced Community Health Nursing Practice
Content: Health care provision and management of paediatric and adult patients

Examination: An oral/clinical/practical examination and evaluation of Research Project completed in Nursing Speciality

<table>
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<tr>
<th>Community Nutrition I (BSc (Diet) III)</th>
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<tbody>
<tr>
<td>4 Lectures and 10 non-consecutive days of community-based practical training plus a 2-week community-based internship under the supervision of a suitably qualified nutrition officer, and a further one continuous week at the National Department of Health.</td>
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<tr>
<td>Nutritional epidemiology, socio-economic data and nutrition; international, national and community development and nutrition policies; the structure and functions of health and nutrition delivery and organisation in South Africa; the planning and management of nutrition programmes; nutrition strategies to improve nutritional status, with specific focus on vulnerable groups; primary health care principles; methods of education with reference to nutrition.</td>
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<tr>
<td>Supporting modules</td>
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<tr>
<td>Community health</td>
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<tr>
<td>30 lectures</td>
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<tr>
<td>Basic ecology, environmental health and occupational health, epidemiological theory and applications, demography types and sources of data, levels of health care/interventions, geriatric services and basic health management strategies.</td>
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<td>Evaluation</td>
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<td>Examination: 1 written paper 3-hour paper</td>
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<tr>
<th>Community Nutrition II (BSc (Diet) IV)</th>
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<tr>
<td>Compulsory 7 continuous weeks (working days) of practical training, as part of internship in an approved health care facility and community-based setting mainly in the Gauteng and Limpopo Provinces supervised by accredited staff.</td>
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<tr>
<td>Final examination: 1 written 3-hour paper</td>
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<tr>
<th>Community-based Pharmaceutical Care (BPharm III) (PCOM 312)</th>
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<tr>
<td>This module includes administration, management skills and the philosophy of pharmaceutical care. Counselling, provision of advice and drug therapy management and their effects on the patient.</td>
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status, importance of prevention and nutrition and their effects on the family. Epidemiology, health education and drug information and their effects on the community. The following aspects of dispensing: legal, communication with the patient and other health care professionals, patient profiles, preparation of the prescription and record keeping. The role of the pharmacist as tutor.

Curriculum Design and Evaluation

Curriculum design levels in SA. The role of an educator in curriculum development, the process of curriculum development following the SAQA & NQF format; application of higher educational outcomes according to SAQA to programmes, elements for curriculum development, application of the major philosophies underpinning OBE curriculum. Submission of curriculum to SANC

Curriculum implementation. Comprehensive curriculum and course/programme evaluation. Maintaining course/programme accreditation; role of providers, role of ETQAs. The responsibility of the educator with regard to curriculum review; the multicultural curriculum. Submission of qualifications to SAQA (format).

Educational Management

Educational quality assurance; Human resource development and continuing education; Provision and Utilization of personnel and other resources; Selection and recruitment of students; Counselling of personnel and students; Conflict management, Course management; Management of the assessment system; Principles; problems and strategies for educator evaluation.

Master the principles of teaching and learning in adult education, and appropriately apply these principles during practical sessions.

Educational Principles and Process

Nursing philosophy, educational philosophy and personal philosophy: Influence on teaching-learning process; Professional role and task of the educator as a role model; Didactic situations in educational contexts and in the service environment; Participative learning. Experiential learning principles, process and strategies; Specific teaching and learning strategies in practice placements.

Educational Principles and Process

Principles, purpose, problems and strategies for student assessment (for e.g. essay methods, objective tests, self-assessment; peer-assessment and group assessment; evaluation of small-group process; assessment of attitudes; portfolio; case-studies; assignments; assessment of competence); enhancement of quality assessment; moderation, dimensions of assessment, qualitative versus quantitative assessment of theory and clinical practice; paradigm shift from traditional to outcome-based assessment.

Endocrine and Reproductive Pharmacy (BPharm III) (PEND 321)

A study of the pathophysiology of major disorders affecting the endocrine system, together with drug treatment of such conditions. This module will include the basic female and male reproduction functions, diseases and conditions that are under hormonal control, including pregnancy, growth development, birth, genetics, lactation and ageing.

English Language (BPharm I) ENGS104

Academic Language Skills: Reading Skills: text organization (structure), how grammar carries meaning, vocabulary development, the importance of purposeful reading, reading and interpreting graphic information, reading and using different types of sources, critical reading.
Academic reading
Writing skills: understanding the writing process, effective writing strategies at sentence, paragraph and essay levels, writing and assessment, referencing techniques, journaling techniques (for practical and clinical).
Oral presentation of written and research work.
Total course Credits:16

English Language (BSc Diet I and B SLP&A I) (ENGS106)

Academic Language Skills:
Reading Skills: text organization (structure), how grammar carries meaning, vocabulary development, the importance of purposeful reading, reading and interpreting graphic information, reading and using different types of sources, critical reading.
Academic reading
Writing skills: understanding the writing process, effective writing strategies at sentence, paragraph and essay levels, writing and assessment, referencing techniques, journaling techniques (for practical and clinical).
Computer Literacy: Microsoft word, Excel, PowerPoint, and other programmes
Study and Information: Development of library literacy to obtain required information for study purposes
Oral presentation of written and research work.
Total course Credits:24

English Language (B Occ Ther I) ENGS114

This is a general first-year English Language course that is compulsory for all students at the Medunsa Campus. A three-hour examination is written at the end of the year, and to be promoted, students must pass the course. The course comprises four components, namely: Academic literacy; Academic writing; Library orientation; and Computer literacy.

English Language (B Occ Ther II) ENGS214

Students have to produce a 10 page Literature Review on an approved topic in accordance with associated conventions. Aspects such as author’s voice; tentativeness versus certainty; fact and opinion; reporting verbs; tense; academic register; format; use of headings; in-text referencing; compiling a bibliography; referencing techniques, etc. are dealt with. Students also present their literature reviews in the form of seminars. The approach is process-based.

English Language (B Occ Ther III) ENGS322

All aspects of Protocol writing and associated critical thinking skills are dealt with for the purposes of
producing acceptable Protocols for the University REPC and HPCSA. In addition, the Literature Review writing continues to be developed.

**English Language (B Occ Ther IV) ENGS422**

All aspects of the Research Report writing are dealt with in terms of associated writing conventions. The aim is to produce a document that is linguistically readable and coherent.

**Ethos and Professional Practice**


Module II: The evolution of nursing in the World. The evolution of nursing in South Africa with emphasis on aspects especially meaningful to MEDUNSA students.

Module III: Ethical, moral and legal issues related to and with implications for nursing practice

The philosophy of nursing. Theory component: 120 x 40-minute periods.

**Experiential learning: Community Pharmacy Practice (BPharm III) (PELC323)**

Practical experience in aspects of the dispensing process, pharmacist initiated care, communication with the patient and other health care workers, specialist areas of community pharmacy, legal and ethical requirements, important aspects of management.

**Experiential Learning: Hospital Pharmacy Practice (BPharm IV) (PEHL 423)**

Philosophy of pharmaceutical care, health systems, managing drug supply, administration and management. Treatment plans.

**Experiential Learning: Industrial Pharmacy Practice (BPharm II) (PELI 223)**

Practical experience in aspects of the medicines regulatory process, production of pharmaceuticals, pharmaceutical research and development, implementing good manufacturing procedures, quality assurance, personnel and business management as well as the marketing and advertising of pharmaceuticals.

**Experiential learning: Research Methodology and Primary Health Care (BPharm I) (PELR123)**

The basic principles of research methodology and the design and use of research instruments. The application of those principles and instruments in a study of pharmaceutical and related services at Primary Health Care level.

**EPID701 Principles of Epidemiology**

30 credits

Principles of Epidemiology with examples with applications to health problems; health status of groups of people; quantifying diseases; the evaluation of the health sciences literature; concepts of integrating Epidemiology and social sciences.
**EPID801  Theoretical Foundations of Epidemiology**

30 credits
Research design; causal reasoning in the health sciences; approaches to the analysis and interpretation of data.

**EOEP 801  Environmental and Occupational Epidemiology**

30 credits
Environmental-Occupational Epidemiology, an intermediate online module focusing on epidemiologic studies of environmental and occupational exposures and their relationship to human disease.

**MODULE : 3**
**EPDD 301 : EPIDEMIOLOGY 12 Credits**

The unit will enable the student to interpret epidemiological data and understand the approaches used in the epidemiological investigations of infectious and non-infectious diseases/health problems. Attention is given to epidemiological principles, process and methods in the evaluation of health services.

Examination: 1 x 3 hours written paper

**Microorganisms, man and medicines  PMIC122**

A study of the medically important microorganisms, including bacteria, viruses, fungi, protozoa, helminthes and arthropods. Biological and microbiological aspects of structure, growth, diagnosis, virulence, pathogenesis, sensitivity/resistance and transmission. An introduction to the body’s defences against infection, including the lymphatic system, cells of the immune system and inflammatory and hyper-sensitivity reactions. Antimicrobial agents used in infections.

**Financial Management**

Manage the hospital pharmacy as a cost-effective unit.

**First Aid**
Basic first aid including CPR
Examination: 1 practical and 1 written paper
Total course credits = 3.5 credits

**Food Service Administration I (BSc (Diet) II)FOSA208**

*Menu planning and operational Functions.*
The development of the food service industry; systems approach to food service administration food ration scales; menu planning; quantity food procurement; receiving and storage; production and distribution.

*Learning Opportunities:* 60 lectures; 10 practicals/tutorials, including 10 days of internship in an accredited health facility.

*Formative assessment:* Tests, assignments, class presentations

*Summative assessment:* Written examination
Food Service Administration II (BSc (Diet) III) FOSA308

**Plan, equip and maintain food service facilities**
Planning and design of food service facilities; equipment and furnishings. The Food Code, food safety and sanitation; HACCP; Employee safety

**Learning Opportunities:** 60 lectures; 10 practicals/tutorials

**Formative assessment:** Tests, written assignments, practical assignments

**Summative assessment:** Written examination

Food Service Administration III (BSc (Diet) IV) FOSA408

Compulsory 10 three hour practical training sessions during the first 10 weeks followed by a 7-week internship (later in the year) in an accredited hospital Food Service Department under supervision of a dietitian registered with the HPCSA.

Industrial disputes; human and organisational conflicts; collective bargaining; individual and organisation development; recruitment and hiring; safety and health; job analysis; hospital food service internship.

Final examination: 1 written 3-hour paper

Food Science (BSc (Diet) II)

4 Lectures and 1 practical per week.

Introduction to food science; food systems; composition, properties, reactions, nutritional value and functions of foods and food mixtures; general concepts relating to meat, fish, chicken, eggs, milk and milk products; texturised plant protein products and nuts; cereals; fruit and vegetables; fats and oils; sugar and alternative sweeteners; food preparation methods, food and genetical engineering; convenience foods; food packaging, storage and preservation, food enrichment and fortification, principles of menu planning, meal management and entertainment.

Examination: 1 written 3-hour paper
1 practical examination

From Atoms to Molecules (BPharm I) (PATO 113)

Drug entities of synthetic, organic/inorganic nature: structure, reactivity, bonding, acid-base characteristics, configuration and conformation, periodic table, redox reactions, salt formation, pH, pKa, limit tests, physical phases. Analytical methods.

From Molecules to Medicines (BPharm I) (PMOL 114)

An overview of the design and development of pharmaceutical products. Research and development of drug delivery systems; chemistry of medicinal compounds – introductory organic chemistry, the reactions that drug compounds undergo, physical and chemical properties of drugs and how these affect formulation; isolation / synthesis of active ingredients; preformulation, formulation; basic principles underlying the development of drug delivery systems; the various drug delivery systems; stability aspects; an introduction to pre-clinical and clinical trials; compounding of medicines.

Fundamentals of Occupational Therapy I (B Occ Ther I) FUOT101

This course covers a general introduction to the profession of occupational therapy, the theoretical base of the profession and guidelines for professional behaviour
Fundamentals of Occupational Therapy II (B Occ Ther II) FUOT201

This course covers the theoretical base of the profession at a higher level and in addition, covers the history of occupational therapy, both internationally and in South Africa.

Fundamentals of Occupational Therapy III (B Occ Ther III) FUOT301

This course consists of three modules i.e. Philosophy (A), Management (B) and Research (C)

- Module A covers the theoretical frames of reference and the clinical reasoning process.
- Module B covers the concept of Leadership and the management of occupational therapy support staff.
- Module C includes theoretical sections on Biostatistics and Research Methodology and a practical section on Research Applied to Occupational Therapy.

The students are required to prepare and present a research proposal, using knowledge gained through theory and own consultation.

Fundamentals of Occupational Therapy IV (B Occ Ther IV) FUOT401

This course consists of three modules i.e. Philosophy (A), Management (B) and Applied Research (C).

Philosophy covers the identification of suitable theoretical frames and models as it relates to the roles and functions of occupational therapy in different settings, ethics and human rights.

Management is offered through seminar discussions and aims to develop in depth understanding of management principles as applied to rendering an efficient & effective occupational therapy service in any setting. The management of real life problems, as identified by students from their own observation, is discussed.

For the module on Research students are required to work systematically through the research process as applied to their own topic and to submit and present a completed research report.

Health Services Administration: Major (B Cur (Hons))

HSAT601 (Module II) Health Services Administration Theory
Examination: 1 x 3-hours written paper

HSAD601 (Module III) Health Service Administration Developmental Aspects
Examination: 1 x 3-hours written paper

HSAL601 (Module IV) Health Service Administration Leadership Aspects
Examination: 1 x 3-hours written paper

HSAG601 (Module V) Health Service Administration General Aspects
Examination: 1 x 3-hours written paper and evaluation of completed Research Project in HSAD)

Health Services Management
Manpower planning; situational analysis, job design analysis and evaluation, recruitment, selection, placement, induction; Role of the manager in industrial relations and SA’s industrial relations system; Organizational behavior and process; Organizational change and development; Organizational health and safety issues; Organizational standardization and standards; health service organization and
planning; Motivational Theories; Modes of organizing patient care; and patient advocacy, quality surveillance.

**Health Services Management**

Delegative principles and process; Time management; Stress and conflict management; Crisis management; Inspection and supervision; Risk management; Productivity from a management perspective; Disaster management; Utilization of research methodology and statistics in organizations; Influence and utilization of theories and models in the health service environment; Networking; Theoretical approaches to problem solving and decision making. Policy development and procedures.

<table>
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<tr>
<th>Health promotion: Post-graduate Dip. OHN</th>
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<tbody>
<tr>
<td>Principles of teaching and learning. Health promotion, health marketing, group dynamics</td>
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<tr>
<td>Social Sciences behavioural concept in health &amp; illness. Community development. Reconstruction and development programme, concept and process, approaches and principles</td>
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<tr>
<th>Health Systems Pharmacy (BPharm IV) (PHSP 412)</th>
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<tr>
<td>Major managerial and clinical areas of pharmacy, e.g. logistics and financial management, including cold chain management, Standard Operating Procedures, control of bulk compounding and preparation of sterile products, Pharmacy and Therapeutics Committees, pharmacoconomics in drug selection, drug information, infection control, clinical nutrition (parenteral and enteral feeding and stoma care), oncology, radiopharmacy and radioisotopes, transplants and related drug therapy, handling of pharmaceutical waste, the role of the consultant pharmacist.</td>
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<tr>
<th>Hospital-based Pharmaceutical Care (BPharm IV) (PHBC 421)</th>
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<tr>
<td>The principles and practice of pharmaceutical care in the hospital setting. The module covers the compilation of a patient data base, identification of his/her drug-related needs, construction of a drug-related problem list and the development, implementation and evaluation of pharmaceutical care plan.</td>
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**Human Resource Management**

Provide well-managed human resources in the hospital pharmacy.

**Human Science (BSc Diet I, BSc Physiotherapy I; MBChB I)**

Introduction to psychology, medical sociology and anthropology; science and views of man; psychology as a science; principles of learning; intelligence and memory; motivation; psychology and children (development psychology); theories of personality; the self-concept; social psychology; normality; physiological psychology; psychopathology; man as a unity; assessment and therapy; nutrition and behaviour; community health; family and culture; cultural conceptions of health; therapy; society and social structure; family pathology; practical work in medical sociology; practical work in psychology.

Examination: 1 written paper
Total course Credits: 22

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<tr>
<th>HSMP701 Principles of Health Systems Management</th>
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<tr>
<td>30 credits</td>
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<tr>
<td>The Principles of Health Systems Management deals with the constraints, challenges and opportunities of a functioning health care system. The course will deal with management of human and other resources that are critical assets of any organization; the system that gives effect to their output and the milieu in which they operate. A contemporary course in telemedicine and health information system is offered as complementing effort in delivering health care and also to buttress the health care system.</td>
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102
**HSMP801**  | Theoretical Foundations of Health Systems Management  
30 credits  
*(Pre-requisite: HSMP701 and HPOL701)*  
The intermediate course in Health Systems Management will focus on health economics, financial management and economic impact of major health episodes. The course will examine the dynamics of health care provision, anchored on the patient, provider and payer. The health seeking behaviour of the individual, optimising the use of health care resources and analytics of economic evaluation and resource allocation in health care will be critically studied. The course will examine worldwide evidence and students will be expected to analyse and process information using advanced economics and other tools.

**HPRO801**  | Evaluation of Public Health Programmes  
30 credits  
*(Pre-requisites PPHE701)* Planning and implementing of health education programme evaluations; process, impact and outcome evaluation techniques; retrospective and monitoring techniques; political, educational and theoretical aspects of evaluation.

**HPOL701**  | Introduction to Health Policy and Law  
30 credits  
The introductory course in Principles of Health Policy will examine the dynamics of health care provision, around the troika of the policy maker, health care provider and the public. Introduction to Health Policy will review some of the theoretical underpinnings of health policymaking; Health Law will deal with germane topics on the rights of the patient in her dealings with health care provider; and Labour Law and Industrial Relations will address contemporary issues in the labour market that impinge on the rights and responsibilities of the employer and employee.

**HPOL801**  | Theoretical Foundations of Health Policy  
30 credits  
*(Pre-requisite: HPOL701 and HSMP701)*  
The course in Theoretical Foundations of Health Policy is a critical synthesis of contemporary public policy and public choice. The approach is multidisciplinary and problem centred. In the end, the course will try to fuse the myriad of theoretical underpinnings of policy-making and realistic world of policy maker in the health care arena.

**Industrial Pharmacy Practice (BPharm II) (PIND 222)**  

**Intervention Theory I (B Occ Ther I) ITTH101**  
The students are given an introduction to the symptomatology of psychiatric disorders, medical, surgical and neurological conditions and are also taught the effects of pathology on the person.

**Intervention Theory II (B Occ Ther II) ITTH201**  
This course covers introduction to the occupational therapy process and its application in the different levels of health care.
The students are also introduced to the symptomatology of psychiatric disorders, medical, surgical and neurological conditions and are also taught the effects of pathology on the person’s functional abilities.

**Intervention Theory III (B Occ Ther III) ITTH301**

This course consists of Module A (Medical, Surgical and Neurological conditions) and Module B (Psychiatric disorders), Module C (Paediatrics)

The students learn about the application of treatment principles, approaches and techniques used in the treatment of psychiatric disorders, medical, surgical and neurological conditions for both adults and children. They are taught the integration of theory into practice.

**Instructional Technology and Media (BSc (Physiotherapy))**

Course content similar to Tertiary Education offered to Dip NE I students. Consists of 120 lectures.

Examination: 1 x 3-hours written paper

**INBI701 Principles of Biostatistics**

30 credits
Introduction to SAS; health related statistical applications; descriptive statistics; probability; confidence intervals; regression; correlation; ANOVA.

**Leadership (Management Lecturers)**

Contemporary Leadership Theories and Styles (for e.g. Interactional Leadership Theories; Transformational leadership).

**Linguistics I (B SLP&A I) (LNGS101)**

This module will include an introduction to phonetics and phonology with emphasis on transcription of normal and disordered sound production; it will further introduce the students to concepts, including historical, physiological, acoustic, and clinical phonetics and theories of speech motor control.

Examination: 2 x 2-hours written papers

**Linguistics II (B SLP&A II) (LNGS201)**

This module will include language sampling and analysis in terms of syntax, phonology, pragmatics and semantics. Students will develop skills in language sampling and analysis of normal and disordered speech.

Examination: 2 x 2-hours written papers

**Medical Surgical Nursing/Psychiatric Nursing/Midwifery and Neonatal Nursing/Child**

**Nursing: Majors (B Cur (Hons))**

The nursing process with reference to its enabling scientific foundations including aspects of biophysics, chemistry, anatomy, physiology, pathology, pharmacology and with reference to the humanities including anthropology, sociology, psychology and communication aspects; the nursing process from a management and education perspective.
Examination: 6 x 3-hours written paper and an oral/clinical/practical

**Media resource and Information Technology**

Application of contemporary media resources and information technology within an educational context; Teaching aids.

**Medical Ethics**

The course deals with the basis of ethics and how ethical behaviour is learnt. The concepts of the medical fraternity as an essentially self-regulatory body; etiquette and legal requirements for Doctors and Interns are discussed. Daily ethical issues including, confidentiality, patient autonomy and consent; the Health Professions Council of South Africa's Rules for disciplinary steps and major ethical problems such as those around conception, death and distributive justice are studied. Some actual disciplinary past hearings of the HPCSA are discussed during the course.

**Medical Surgical Nursing/Psychiatric Nursing/Midwifery and Neonatal Nursing/Child**

**Nursing: Majors (B Cur (Hons))**

The nursing process with reference to its enabling scientific foundations including aspects of biophysics, chemistry, anatomy, physiology, pathology, pharmacology and with reference to the humanities including anthropology, sociology, psychology and communication aspects; the nursing process from a management and education perspective.

Examination: 6 x 3-hours written paper and an oral/clinical/practical

**Medical Microbiology (MBChB III)**

Basic microbiology; bacterial genetics; disinfection and sterilisation; antibiotics and antibiotic resistance; systematic and clinical bacteriology; systematic virology; parasitology; immunology; mycology; practicals.

Examination: 1 written paper, a practical examination and an oral

**Medical-Surgical Nursing: Critical Care (BNSc II)**

**CRIS201: (Module I):**

**TICP201: (Module II):**
Nursing care of the immunocompromised patients in critical care settings. The clinical decision-making by nurses as part of the multidisciplinary team. Related ethical issues and principals.

**CIPS201: (Module III):**
The critically ill patients with special needs; aetiology, pathophysiology, diagnostic, therapeutic, pharmacological and technological procedures and techniques in the assessment, planning implementation and evaluation of nursing care for burns, multiple trauma and obstetric complications. Research and further developments in the nursing care of the critically ill patients with special needs.

**CADI201: (Module IV):**

CORF201: (Module V): Compromised respiratory function: aetiology, pathophysiology diagnostic, therapeutic, pharmacological and technological procedures and techniques in the assessment, planning, implementation and evaluation of nursing care for respiratory failure and ARDS. Preventative strategies. Research and further developments in the nursing care of patients with respiratory failure and ARDS.

CAVS201: (Module VI): Cardiovascular surgery: pre- and post-operative nursing care of patients undergoing cardiac and vascular surgery.

PAMA201: (Module VII): Pharmacological and non-pharmacological procedures and techniques used for the relief of pain in critically ill patients. Research and further developments in pain relief measures.

Evaluation:
Examination: 2 x 3-hour written papers
Practical examination

Medical-Surgical Nursing: Critical Care (BNSc III)

Module I: Compromised Multiple System Function: aetiology, pathophysiology, diagnostic, therapeutic, pharmacological and technological procedures and techniques in the assessment, planning, implementation and evaluation of nursing of patients with SIRS, MODS and MOFS.

Module II: Specialisation: Cardiology
Epidemiology, aetiology, pathophysiology, diagnostic, therapeutic, pharmacological and technological procedures and techniques in the assessment, planning, implementation and evaluation of nursing care of patients with cardiac disorders. Research and further developments

Or Specialisation: Cardiothoracic
Epidemiology, aetiology, pathophysiology, diagnostic, therapeutic, pharmacological and technological procedures and techniques in the assessment, planning, implementation and evaluation of nursing care of patients with cardiothoracic disorders. Cardiothoracic surgery. Research and further developments

Or Specialisation: General Practice
Epidemiology, aetiology, pathophysiology, diagnostic, therapeutic, pharmacological and technological procedures and techniques in the assessment, planning, implementation and evaluation of nursing care of patients with medical-surgical disorders of the GIT, Endocrine, metabolic and renal disorders. General surgery.

Medicine’s Management
Manage supply and use of medicines so that medicines are efficient, safe, suitable and available.

Microbiology (BSc (Diet) II)

Lectures, practicals and problem solving tutorials covering basic microbiology, immunology, control of
micro-organisms, medical bacteriology, virology, parasitology, mycology and food microbiology, 60 lectures, 2 tutorials per section and 1 practical per section.

Examination: 1 written paper

**Microbiology (B Cur II)**

Lectures, practicals and problem solving tutorials covering basic microbiology, immunology, control of micro-organisms, medical bacteriology, virology, parasitology, mycology and infection control practices, 60 lectures, 2 tutorials per section and 1 practical per section.

Examination: 1 written paper

**Midwifery I (B Cur III)**

Module 1 (30 periods): Normal pregnancy; Antenatal care
Module 2 (30 periods): Normal labour
Module 3 (30 periods): Neonate and management; Normal puerperium; Normal growth and development of the baby
Module 4 (30 periods): Related health education, diagnostic and therapeutic skills; History of midwifery. Professional and legal aspects of midwifery; Mothercraft.

Examination: 1 written paper

**Midwifery II (B Cur IV)**

Module 1 (40 periods): Complications of pregnancy
Module 2 (40 periods): Complications of labour
Module 3 (40 periods): Complications of neonate, puerperium

Examination: 2 written papers, a practical (OSCE)

**Midwifery and Neonatal Nursing Science (B Cur (Hons))**

**PRLA601 (Module II) Pregnancy and Labour**

Normal anatomical and physiological changes during pregnancy and labour; pharmacological aspects related to pregnancy and birth with special reference to pain relief, oxytocic and tocolytic drugs; perinatal infections and STD.

Pathological aspects: conditions related to pregnancy-abnormalities of the uterus; amni liquor; placenta; pregnancy induced hypertensive disease; haemorrhage; Intra uterine death; Growth impairment of the fetus; Medical Conditions; Cardiac; Diabetes & Anaemia.

Labour: Problems with powers, passenger and passage; Obstetrical Emergencies; Obstetrical Interventions; Aspects on Nutrition of the mother

Examination: 1 x 3-hours written paper, an oral/clinical or practical examination

**PNNE601 (Module III) Post-Natal and Neonate**

Normal anatomical and psychological changes of the postnatal period and the neonate; pharmacological aspects related to the neonate and the postnatal period; perinatal and maternal infections; pathological conditions: asphyxia neonatorum. Low birth mass/growth impaired baby; Baby of the diabetic mother; Congenital abnormalities; Post Partum haemorrhage; Embolism

Nursing care of mother and child according to the scientific method; Emergency interventions and care of the high risk neonate; Aspects of Nutrition.
Examination: 1 x 3-hours written paper, an oral/clinical or practical examination

PSAS601 (Module IV) Psychosocial Aspects
Multi cultural aspects in obstetrics with special reference to SA; Cultural differences in childbirth and parenting; Concepts about the family and factors influencing the structure and function of the family; Psychological changes that occur during pregnancy, labour and post partum Pregnancy as crisis and crisis in pregnancy.

Rubin's four development phases. The father in pregnancy and labour; The midwife's role in assessing and meeting the psychological needs for adaptation in a pregnant couple; Ante natal assessment; Coaching in labour: alternatives in childbirth; Parent-child interaction.

Examination: 1 x 3-hours written paper, an oral/clinical or practical examination

AEDM601 (Module V) Aspects of Education and Management
Aspects of management of midwifery services: Theories; Policies; Philosophies; Standards; Quality assurance; and other aspects. Theories on health education; International theories on midwifery education.

Primary health care and the midwife
Community midwifery and other aspects such as: Preventive and promotive health care; Family planning; Dynamics of health education; Genetics.

Examination: 1 x 3-hours written paper; oral/clinical or practical examination; and evaluation of completed Research Project in Clinical Speciality.

**Modern Technologies in Health Care (BPharm III) (PBIV 313)**

Principles of molecular biology, the principles, methods and products of biotechnology such as fermentation, recombinant DNA technology, gene therapy and immunological assays as applied to the diagnosis, prevention and treatment of inherited and acquired diseases. Theory and practice of new drug delivery systems. The immune system response and host defence mechanisms, with particular reference to diseases that can be prevented through immunisation. The principles and production of vaccines, antisera, immunoglobulins and the principles of hybridisation technology.

**Musculo-skeletal, Skin Conditions and Pain Management (BPharm III) (PMUS 322)**

An integrated study of the anatomy, physiology, pathophysiology and pharmacotherapy of the skeletal system, muscular system and skin. The module will also include wounds and dressings. The emphasis will be on the pharmacology of therapeutic agents used to treat disorders of these systems.

**Neuroanatomy and Clinical Neurology for Speech-Language and Hearing (B SLP&A III) (NACN301)**

Neuroanatomy and neurophysiology of the speech, language and hearing mechanism with emphasis on normal vs. impaired systems. Also included are terminology, embryology and elementary histology, central, peripheral and autonomic nervous systems.

Examination: 1 x 3-hours written paper

**Neurological and Psychiatric Pharmacy (BPharm IV) (PNEU 411)**

An integrated study of the basic anatomy and physiology of the brain and nervous system. The module includes the pathophysiology of the major disorders affecting the CNS with the emphasis being on the pharmacology of appropriate therapeutic agents. Substance abuse, anaesthetics and pain management are also covered.
Nursing Dynamics and Professionalism: Post-graduate Dip. OHN


Nursing Dynamics (Module I) (B Cur (Hons))

National and International developments and viewpoints regarding nursing; Contemporary developments in Nursing Theory and it's implications for clinical speciality; traditional and Contemporary Nursing Theories in Clinical Nursing Science; Current viewpoints regarding concepts in nursing; Philosophy and Mission Development; Concepts and Aspects in SA law underlying nursing legislation; Ethical Codes and their relevance for clinical practica; Perspectives on ethical decision-making and moral reasoning; Professionalisation of colleagues and students; Role modelling; Ethical Independent Clinical Practice within team context.

National Population and health profiles; Health Policy at macro and micro level; Factors influencing National Service Rendering and it's socio-economical implications; Principles of Community Development.

Theories, processes and management of stress; Renewal, change and initiation of Innovation; Interactive skills and methods as required in clinical practice; Writing skills and Communication; Specific skills/methods for patient and student teaching in nursing science speciality; Principles for management of human and material resources.

Quantitative and Qualitative Research Design; Philosophical Dimensions of Quantitative and Qualitative Research Designs; Needs Analysis Research Design; and Case Study Research Design. Ethnography & Ethnonursing. Grounded Theory Method.

Examination: 1 x 2-hours written paper, including all module content EXCEPT the Research content

Nursing Education: (Major B Cur (Hons))

TNED601 (Module II) Theoretical Nursing Education.
Definitions and concepts specific to Nursing Theory; Levels of Theory Development; Approaches to Concept Development; Process of Theory Analysis; Comparative Analysis of definitions of Theory; Components of Theory; Processes for creating empiric theory; Critical Reflection of Nursing Theories; Types of Theories; Uses of Theories; Barriers to Theory Development; The Discipline of Nursing as a Human Science and Practice Discipline; Strategies for Theory Development: Theory-Practice-Theory Strategy, Practice-Theory Strategy, Research-Theory Strategy, Theory-Research-Theory Strategy; Stages and Processes in Theorising; A model for evaluation of theories/models of nursing; Relationship between models and theories; Classification of Nursing Models; Impact of Nursing Theory on the Clinical Decision Making Process; Issues regarding a International Theory of Nursing; Nursing Models as basis for curriculum development; Specific Nursing Theories: for e.g. Leininger's Theory.

Examination: 1 x 3-hours written paper

CNED601 (Module III) Contemporary Issues in Nursing Education.
The Philosophical Basis of Nursing Education: Selected Philosophies of education Applicable to Nursing Education. Leadership Role of the Nurse Educator: Leadership in the Educational Setting; Leadership in the Professional Context. Scope and Content of the clinical responsibility of Nurse Educators; Maintaining Clinical Credibility. Problem-Based, Community Orientated Learning. Multi-cultural Nursing Education. Current Political and Societal Trends regarding Education/Nursing Education.

Examination: 1 x 3-hours written paper
ITNE601 (Module IV) Issues and Tasks in Nursing Education.
Creative Management of the Practicum: The need for Creativity and Reflective Practice in Nursing and Education: Models & Strategies; Experiential learning approaches. Student Support and Management. Teaching of Specific Subject Areas: Transcultural Nursing; Community Public Health Nursing; Epidemiological Methods within Community Health Nursing. Practical Approaches to teaching: Nursing Research Process and Qualitative Methods of Nursing Research. Current Issues/Tasks.

Examination: 1 x 3-hours written paper, plus evaluation of completed Research Project in Speciality

Nursing Education I (BCur(BNSc))

Module I
Nursing philosophy and educational philosophy: The importance of congruence between nursing philosophy and educational philosophy; Nurse educators/managers personal and educational philosophy: Influence on the nursing programme and students. Professional task of the nurse educator/manager regarding professionalisation of colleagues and students. The nurse teacher/manager as a role model: student support structures and accompaniment.

Theory and principles of adult education: Andragogy; The student nurse as adolescent and adult learner; Adult learner characteristics and study preferences; responsibilities of the nurse educator/nurse manager as educator; Approaches to adult learning; Adult learner teaching strategies. Didactic situations in nursing. Learning theories/Educational psychology and their application in nursing educational situations and clinical nursing.

Module II
Teaching-Learning process: Teaching strategies and methods: Lecture method (theory, principles, issues); Small-group teaching (different types of groups, group dynamics, principles); Experiential learning methods (types, principles); Clinical setting teaching strategies; Teaching interpersonal communication skills (role modelling/simulation). Media for education in classroom and clinical situation. Construction, application and evaluation of learning objectives in clinical nursing speciality (fundamental nursing science/community/psychiatry/midwifery). Programme development in clinical nursing speciality (fundamental nursing science/community-nursing science/psychiatry/midwifery). In-service program and orientation program.

Module III
Curriculum: Approaches to curriculum development; Philosophical and ethical curriculum issues; Hidden curriculum; Factors influencing the nursing curriculum.

Examination Modules I to III: 1 x 3-hours written paper

Module IV (Practica Module)
Ethical and legal provision for contemporary professional practice: The policy of SANC relating to its educational function; nursing and other legislation affecting nursing practice/education. Management process within the framework of a Nursing College/university: Organisational climate; Information systems; Resources. Standards for practice: staff utilisation and evaluation; Personnel management: Communication channels and strategies; Communication channels/strategies between nursing education and nursing services; Methods for assessment of requirements, allocation and utilisation of personnel. Personnel Development: induction/orientation; continuing education; personnel appraisal and development of potential.

Grievance procedure within the framework of a Nursing College/University: Approaches to de decision making; staff and student evolvement strategies; Support systems of personnel: types of support systems; Management’s responsibilities and staff responsibilities. Financial management within the framework of a Nursing College/University: Financial control systems; Cost effectiveness strategies, and utilisation of resources: management and personnel responsibilities.
Module V (Practica Module)
Study of theoretical content of fundamental nursing science/general nursing science/community-nursing science/psychiatry/midwifery.

(Evaluation during student educator presentation of lesson plans and clinical demonstrations; criterion lesson examination; and/or an oral examination).

Nursing Education II (BNSc)

Module I
Comparison of professional nursing education in South Africa with other countries; commission reports with implications for nursing/nursing education; integration of nursing education within tertiary education system; implications of the Association of Nursing Colleges with Universities.

Module II
Curriculum design and development; the scientific process of nursing & nursing care plans as teaching strategy; theory & design of student-centred, self-directed teaching strategies and methods [application in clinical specialisation: fundamental/general/psychiatric/ community/midwifery].

Module III
Nursing research: principles & methodology; interpretation & evaluation of existing research articles/reports on clinical speciality.

Module IV
Evaluation methods & instruments: theory, design, implementation, and evaluation [applied to clinical speciality].
Theoretical instruction: 120 x 40-minute periods.
Practical: 40 hours plus developing, testing, conducting & analysing quality of evaluation methods and instruments.

Examination: 2 written papers & practical

Nursing Education III (BNSc)

Module I
Nursing research theory & application: Identification and formulation of a research problem; literature search and review; research proposal; research instrument development; pilot study; sampling; data collection, analysis and presentation; communication of research findings [Application in chosen clinical speciality].

Module II
Nursing programme analysis & evaluation: theory, models & methods; nursing theories: influence on nursing curriculum, and application in classroom and clinical teaching; issues and trends in nursing education and area of clinical speciality.

Module III
Recruitment & selection: methods, issues & trends; student support structures: counselling, accompaniment; professional socialisation: theory & models on socialisation, issues and roles: accompaniment team; the nurse educator.

Module IV
Management & leadership theory applied within the framework of a college/university: personnel development & evaluation; strategies for utilising personnel and facilities cost-effective; continuing & in-service education: program development, implementation & evaluation models; distance education &
open learning systems: issues and trends.

Theoretical instruction: 120 x 40-minute periods
Practical instruction: 40 hours. Compulsory submission of a research report (minimum of 20 typed pages [1,5 spacing]).

Examination: 2 written papers & research report

**Nursing Management and Clinical Instruction III**

Semester I: Nursing Management: Module I of Nursing Administration II
Semester II: Clinical Instruction
Education programmes for different categories health workers; planning learning experiences; training records; health information; evaluation of records, care, learning.

**Nursing Practice I**
Teaching and evaluation of clinical skills (90 hours).
Examination: combined oral/practical

**Nursing Practice II**
Teaching and evaluation of clinical skills (90 hours).
Examination: combined oral/practical

**Nursing Practice III**
Teaching and evaluation of clinical skills (190 hours).
Examination: combined oral/practical

**Nursing Practice IV**
Teaching and evaluation of clinical skills (300 hours).
Examination: combined oral/practical

**Nursing Science and Art I (B Cur I)**

Module I (40 periods)  

Module II (40 periods)  
Introduction to General Nursing: Orientation to hospital as an institution; Orientation to hospital as an organisation; Therapeutic environment; Basic human needs; Patients’ needs; First aid. Introductory midwifery: Needs of pregnancy and infancy; Orientation to obstetric units; Legislation re midwifery practice.

Introductory psychiatry: Introduction to mental health and mental illness; Philosophy of psychiatric nursing; Ethics of psychiatric nursing.

Module III (40 periods)  
Related nutritional education and health education. Introductory Community Health: Health act; Comprehensive health care systems; Health care authorities; Ecology.
Examination: 1 written paper

**Nursing Science and Art II (B Cur II)**

Module I (30 periods)
Nursing process. Medical nursing
Module 2 (30 periods)
Surgical nursing. Nursing process. Operating theatre technique and anaesthetics
Module 3 (30 periods)
Paediatric nursing. Nursing process
Module 4 (30 periods)
Elementary aspects of ward administration. Medico legal hazards. Professional practice

Examination: 2 written papers

**Nursing Science and Art III (B Cur III)**

Module I (30 periods): Ward Administration. Emergency Nursing
Module II (30 periods): Gynaecology. Orthopaedics
Module IV (30 periods): Endocrine. Metabolic diseases. Neurology

Examination: 2 written papers

**Nursing Science and Art IV (B Cur IV)**

Module 1 (20 periods): Clinical Teaching; Principles of teaching and learning
Module 2 (30 periods): Ward administration; Disaster Management
Module 3 (30 periods): Ethos and professional practice
Module 4 (30 periods): Oncology, Geriatric nursing
Module 5 (30 periods): Nursing Research
Module 6 (30 periods): Principles of Intensive Care Nursing

Examination: 2 written papers; Research assignment

**Demonstration and evaluation of clinical skills (90 hours).**

**Nutrition I (BSc (Diet) I)**

Comprehensive study of proteins, carbohydrates, lipids, vitamins and minerals; energy balance and imbalance; fluid and electrolyte imbalance, principles of dietary standards and planning digestion, absorption and metabolism of nutrients. Primary nutritional deficiencies: aetiology, pathophysiology, treatment and prevention.
5 Lectures and 1 practical per week.

Final examination: 1 three hour written paper

**Nutrition III (BSc (Diet) III (NUTR308))**

A series of lectures covering the following: Lactation Management (40 Lectures); Communication (40 Lectures); Ethics and Human rights (30 Lectures) and Management of a Private Practice (10 lectures) Protocol Development (40 lectures)

Examination: 1 written papers
Nutrition III (BSc (Diet) III (In case of 2006 repeaters)
Assessment of nutritional status; developmental biology and nutritional requirements through the life cycle. Protein energy malnutrition-its epidemiology, aetiology, signs and symptoms, management and monitoring; nutrition for sports and dental health.
4 lectures and one practical per week.

Examination: One three hour written paper

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<tr>
<th>Nutrition IV (BSc (Diet) IV)</th>
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<tr>
<td>One seminar per week for the first 10 weeks of the academic year</td>
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<tr>
<td>Advanced study of aspects of nutrition to ensure critical and analytical appraisal of recent scientific and professional literature. Students will plan, present and critically discuss selected topics and are expected to submit in-depth literature reviews on these selected nutrition-related topics.</td>
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<td>Examination: 2 x 3- hours written papers</td>
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<tr>
<th>Nutrition and Gastroenterology (BPharm II) (PNUT 211)</th>
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<tr>
<td>An anatomical and physiological overview of the liver and gastrointestinal tract and their innervations, with particular emphasis on the absorption and metabolism of nutrients and drugs. Major problems of nutrition and metabolic/chronic disorders for which nutrition plays a pivotal role, including diabetes, obesity, eating disorders, malabsorption, alcohol abuse and pancreatitis. The identification of the presence of risk factors for malnutrition. The chemistry, pharmaceutics and pharmacology of drugs, affecting the gastrointestinal tract and drugs used to treat common GI problems.</td>
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<tr>
<th>Nursing interventions: Post-graduate Dip. OHN</th>
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<tr>
<td>Medical surveillance. Occupational disease profile</td>
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<tr>
<td>Ergonomics as a multi – disciplinary science, which includes human factor, engineering, anthropometry, occupational biomechanics and work physiology</td>
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<tr>
<td>Crisis intervention, emergency care. Employee assistant programme. Primary, secondary and tertiary prevention</td>
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<tr>
<td>Etiology of occupational disorders and disabilities</td>
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<tr>
<td>Approaches in the assessment of the health status of the worker. Diagnostic and treatment methods and international classification for disorders of the worker.</td>
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<tr>
<th>Occupational Health Nursing Practice: Post-graduate Dip. OHN</th>
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<tr>
<td>Pre employment and exit medicals</td>
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<td>Screening of workers; audiometry, visual screening, lung function tests and biological monitoring.</td>
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<th>Occupational Therapy Applied I (B Occ Ther I) OCTA101</th>
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<tr>
<td>OCTA I is a non-clinical subject.</td>
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<tr>
<td>* Students learn to observe Occupational Performance components / areas / context of people</td>
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at different stages of the life cycle.
* Students learn to observe how dysfunction impacts on occupational performance components and areas
* Students are exposed to the application of the occupational therapy process in different settings
* Student observes the facilities; services rendered and staff involvement in Occupational Therapy settings as well as the types of health services rendered in those facilities.

**Occupational Therapy Applied II (B Occ Ther II) OCTA201**

OCTA II is a clinical subject and promotion subject and the general rules apply.
* Students learn to observe and assess occupational performance areas / components / context, using specific techniques, selected by the lecturer on a PERSON WITH DISABILITY and demonstrate competency in assessment techniques using appropriate equipment and methods;
* Students learn to write a treatment plan incorporating an aim, principles and an activity on a given problem of an area/component /context of a person with disability, selecting appropriate activity and methods;
* Students learn to structure and carry out the planned activity for a person with disability under full supervision;
* Students learn to give a written/verbal evaluation of the assessment, planning and execution of the activity for a person with disability.

Students do clinical work in different areas such as paediatrics, physical (neuro / med / surg) and psychiatry.

**Occupational Therapy Applied III (B Occ Ther III) OCTA301**

OCTA 301 is a clinical subject and an examination takes place at the end of the year.
* Students learn to assess the occupational areas / components / context, using specific techniques for assessment, identifying problems, analysing and summarising information of SELECTED DIAGNOSTIC CATEGORIES - not only medical diagnoses;
* Students learn to write an overall treatment plan including treatment rationale using available information and writing daily specific treatment sessions for persons with selected diagnosis;
* Students learn to structure and carry out the planned programme of a selected diagnosis;
* Students learn to give verbal and/or written evaluation of the assessment, planning and execution of the treatment programme on a selected diagnosis.

The students do field work blocks in the areas of psychiatry, physical (neuro / med / surg) and paediatrics.

**Occupational Therapy Applied IV (B Occ Ther IV) OCTA401**

OCTA 401 is a clinical subject and an examination takes place at the end of the year
* Students learn to select which aspects of the occupational performance areas / components / context to assess using specific techniques, to identify the person with a problem, to analyse and summarise the information of ANY DIAGNOSTIC CATEGORY, not only medical diagnoses;
* Students learn to write overall treatment plans including treatment rationale using available information and to write daily treatment sessions for persons with any diagnosis;
* Students learn to structure and carry out the planned treatment programme on any diagnosis, at any one of the three levels of Health Care and to make appropriate referrals;
* Students learn to present a written and / or verbal evaluation of the assessment, treatment plan and implementation on any diagnosis.

Students do full time field blocks in the areas of psychiatry, physical (neuro / med / surg) paediatric and community based rehabilitation. Students participate in seminars and case discussions.

**Organization and management: Post-graduate Dip. OHN**

Develop and implement strategies for quality assurance/improvement. Decision making and policy making. Referral and referral resources. Cost containment - Financial and human resource management

**Orientation and Induction (BPharm I) (PORI 111)**

Orientation in the educational institutions, administration, student bodies, general organisation and layout of campus, the unique arrangement between MEDUNSA and Technikon Pretoria, and effect on student life. A broad overview of the course presentation and learning strategy, language, social, communication, academic, library and computer skills. Overview of the nature of the profession and the ethics and professionalism involved. Site visits to the various sectors of pharmacy practice.

**Pharmacology (Year course) (B Cur III; B Cur (BNSc) III)**

Pharmacokinetics and dynamics, routes of administration of medicine; dosage; prescriptions; placebos; interaction and incompatibility, undesirable effects; acute poisoning; medicine for an emergency trolley; functions of the nervous system, medicine with effect on the nervous-, endocrine, cardio-vascular-, haemopoietic-, and digestive systems; vitamins; oncochemotherapeutics, immuno depressive drugs and hormones.

Theoretical instruction: 60 x 40-minute periods

**Assessment:** Tests and clinical cases (applied component)

Examination: 1 written paper

**Pharmacology (BSc Physiotherapy)**

Applied Physiology, pharmacokinetics, Pharmadynamics, analgesic agents, antimicrobials.

Examination: 1 written paper

Total course credits = 5.2 credits

**Pharmacology: Post-graduate Dip. OHN**

Pharmacology which include principles. Pharmacokinetics. Pharmacodynamics. Administration and formulation. Drugs applicable to occupational health nursing. Role and function of Occupational Health Practitioner.

**Physiology II (B Cur II; B Cur (BNSs) II; BSc(Diet): B Occ Ther II)**

General principles of the functioning of the following body systems: metabolic system, including digestion, metabolism and body temperature; nervous system, including nerve and muscle physiology and special senses; body fluid system, including renal physiology, hematologic and acid-base balance; respiratory system; cardiovascular system: endocrinology and reproduction. Theoretical instruction: 180 x 40-minute periods. Practical instruction: 60 periods. If at the end of the year a student has written ALL the tests and has obtained at least 50% in each test, and an average mark of 60% or more in the tests, s/he may
apply to the head of department to be exempted from the final examination in Physiology.

Examination: 2 written papers
Total Credits: 24.3

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<tr>
<th>Physiology IB (B Cur II; B Cur(BNSc) II; BSc(Diet II); B Occ Ther II)</th>
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<tr>
<td>General principles of the functioning of the following body systems: metabolic system, including digestion, metabolism and body temperature; nervous system, including nerve physiology and special senses; muscle physiology, body fluid system, including renal physiology, haematology and acid-base balance; respiratory system; cardiovascular system: endocrinology and reproduction. Theoretical instruction: 215 x 40-minute periods. Practical instruction: 30 periods. If at the end of the year a student has written ALL the tests and has obtained an average mark of 60% or more in the tests, s/he may apply to the head of department to be exempted from the final examination in Physiology.</td>
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<td>Examination: 1 paper</td>
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<tr>
<th>Practical Application of Educational Principle and Process</th>
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<td>This module enables the learner to master the principles of teaching and learning in adult education, and appropriately apply these principles during practical sessions (classroom and college practica).</td>
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<tr>
<th>Practical Application of Managerial Principles and Process</th>
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<td>This module enables the learner to implement and contextualise the basic sciences and managerial theory mastered in both the undergraduate courses in the form of problem-based/case-based studies. Learners will also review and critique literature pertaining to their area of interest and specialty.</td>
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<td>Application of this module will require various visits to health services for the effective completion of the problem-based studies or case studies.</td>
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<th>Principles of Occupational Health Nursing (Post-graduate Dip OHN)</th>
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<tr>
<td>History of Occupational health both international and national. Socio – economic and political context of Occupational Health. Occupational legislation and appropriate related legislation (e.g. OHSA, COIDA, MHSA, Basic Conditions of Employment, Labour Relations Act, Nursing Act). Labour relations to include, arbitration, mediation, collective bargaining, trade union &amp; industrial relations. Social, transcultural consideration for the health of workers. View points and approaches to Occupational Health.</td>
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<th>Principles of Management</th>
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<td>Legal and ethical foundations of management; Labor legislation; Levels of Management, Organizational Philosophy; Organizational Theory (for e.g. structure culture); Introduction to Human Resource Management; Socialization of the manager; Role of the manager within organizations; Manager as a change agent; Human being as an employee/employer; Managerial power and politics; Influence of external environment on service management; Management as a generic phenomenon in private and public sectors; Financial estimation and control; Management by objectives; Grievance procedures and discipline; Authority and power in organizations.</td>
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<tr>
<th>Principles of Management (BSc (Diet) III)</th>
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<tbody>
<tr>
<td>5 Lectures per week over a eight week period during the first semester.</td>
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<tr>
<td>The management process and organisation theory; personnel management; administrative leadership;</td>
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work improvement and productivity; financial management.

Examination: 1 written 3-hour paper

### Principles and Practice of Pharmaceutical Manufacturing (BPharm II) (PMAN 221)

An overview of the manufacturing pharmaceuticals. Physical, chemical and pharmaceutical principles in the production, packaging and labelling of pharmaceutical products.

### Principles of Physiotherapy I (BSc Physiotherapy I)

A course of basic physiotherapy principles including those in: Basic physiotherapy procedures; patient care and evaluation; Massage, Ethics, Thermal agents, Movement therapy, Basic rehabilitation, Introduction to child health, Electrotherapy, Posture; Bandaging and Splinting. Elective clinical practice (20 hours at a public hospital under supervision).

Examination: 1 x 3-hours paper and practical that consists of two parts

Total course Credits: 35

### Principles of Physiotherapy II (BSc Physiotherapy II)

A course of basic physiotherapy principles including those in: Therapeutics, Biomechanics I; Electrotherapy, Respirator Therapy I and Massage II

80 hours elective clinical practice at a public hospital under supervision

Examination: 2 x 3-hours written paper and a practical which consists of two parts

Total Credits = 76

### Principles of Physiotherapy III (BSc (Physiotherapy) III)

A course of physiotherapy principles including those in: Electrotherapy; Therapeutics; Sports Medicine; Respiratory Therapy II; Massage II; Adults and Paediatric Neurology I; Burns and PVD and Amputations, Orthopaedics.

Examination: 2 x 3-hours written papers

Total course credits = 30 credits

### Principles of Physiotherapy IV (BSc(Physiotherapy) IV)

A course of physiotherapy principles with respect to: Physiotherapy assessment and treatment of orthopaedic conditions; Adult and Paediatric Neurology II, Cardio Thoracic conditions; O & G conditions; Community Physiotherapy; OMT II and Intensive Care.

Examination: 2 x 3-hours written papers in October.

Total Course Credits = 24 credits

### Principles of Tertiary Education

Educational concepts, Educational philosophy; Educational Psychology and Theories; Adult Learning Perspectives and Theory; Learning Theories; Principles of teaching and learning, Learning styles, the teaching-learning process, strategies and methods (with specific attention to the lecture method and questioning in teaching, small-group teaching, facilitation), strategies of evaluation and assessment; Educational quality assurance; Teaching study skills; Skills required by educators.
<table>
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<tr>
<th><strong>Psychiatric Nursing Science Major (B Cur (Hons)/M Cur)</strong></th>
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<tbody>
<tr>
<td><strong>PSC601/801 (Module II) Psychiatric Capita Selecta I</strong></td>
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<tr>
<td>Mental Health and mental illness: Characteristics and aetiology of mental health and mental illness; chronic mental illness, Prevention of Mental Illness. Mental Health Profile in SA: Policy making structures for mental health; Influencing Factors; Appropriate Legislation (mental health act and all applicable legislation). Treatment methods in psychiatry: psychopharmacology, psychotherapy (psycho-analysis, reality therapy, logo therapy, narrative, cognitive and behavioural etc.), DSM IV TR Classification &amp; ICD 10 diagnosis and treatment of various Brain Disorders; Schizophrenic Disorders; HIV and Violence. Examination: 1 x 3-hours written paper</td>
</tr>
<tr>
<td><strong>PNSM601/801 (Module III) Psychiatric Nursing Skills and Methods</strong></td>
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<tr>
<td>Skills: The Nursing Process: Individual/group/community. Professional ethical practice. Referral and referral resources. Quality assurance and auditing. The dynamics of psychiatric nursing practica. Skills and Methods: Individual therapy; Group therapy; couple’s therapy; Milieu therapy; Family therapy; Crisis intervention. Examination: 1 x 3-hours written paper; an oral/clinical/practical examination</td>
</tr>
<tr>
<td><strong>PSNS601/801 (Module V) Psychiatric Nurse Specialist</strong></td>
</tr>
<tr>
<td>Consultation: Enrichment activities: Change agent (transformational leader); Accompaniment (Patients &amp; personnel); Cultural and trans-cultural considerations in mental health and illness: Cultural shock and mental illness/Hospitalisation; Cultural diversity and Universality in mental health/illness; Historical foundations; Theoretic Foundations; Culture-bound syndromes; Specific folk beliefs and healing practices of selected cultural groups. Examination: 1 x 3-hours written paper; an oral/clinical/practical examination; and evaluation of completed Research Project in Clinical Speciality).</td>
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<tr>
<th><strong>Psychiatric Nursing Science I (B Cur III)</strong></th>
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<tr>
<td><strong>Module I (30 periods)</strong> Scientific foundations of Psychiatry</td>
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<tr>
<td><strong>Module 2 (30 periods)</strong> Mental health and illness. Classification; Promotion; Prevention; Therapeutic Environment; Psychiatric and multidisciplinary team; Legislation</td>
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<tr>
<td><strong>Module 3 (30 periods)</strong> The psychiatric nursing process- assessment, nursing diagnosis, planning outcomes, nursing intervention and evaluation, DSMV TR &amp; ICD 10 diagnosis, therapeutic communication and relationship, supportive interview, crisis interaction, educational group, mental health education</td>
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<tr>
<td><strong>Module 4 (30 periods)</strong> Major psychiatric disorders-understanding clinical manifestation of mood disorders, anxiety disorders, substance abuse, organic mental states, epilepsy and personality disorders. Examination: 1 written paper.</td>
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<tr>
<th><strong>Psychiatric Nursing Science II (B Cur IV)</strong></th>
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<tbody>
<tr>
<td><strong>Module 1 (40 periods): Neuroses and Psychoses</strong></td>
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<tr>
<td><strong>Module 2 (40 periods): Mental Subnormality</strong></td>
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<tr>
<td><strong>Module 3 (40 periods): Community Psychiatry</strong></td>
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</table>
**Examination:** 2 written papers

## Psychiatric Nursing (BNSc)

### First Level:

**PFNP201: Scientific Foundations of Psychiatric Nursing**
Basic concepts of psychiatric nursing, indigenous and cultural beliefs and influences on mental health and illness. Historical perspectives of psychiatric nursing, Philosophical approaches in psychiatric nursing and stigma attached to mental illness.

**PDSSP201: Dynamics of Psychiatric Nursing Practice**
Psychiatric nursing: definition and role of a psychiatric nurse. The multidisciplinary team, mental health care delivery systems in South Africa.

**PMIP201: Mental Health, Psychopathology**
Mental health and mental illness concepts, aetiology and clinical manifestation of mental illness, foundational mental health theories, promotion of mental health and prevention of mental illness.

**PNSM201: Psychiatric Nursing Skills and Methods**
Self-awareness, nursing process - assessment, nursing diagnosis, planning outcomes, interventions and evaluation, DSM-IV TR and ICD 10 diagnosis, therapeutic nurse patient relationship, therapeutic communication and techniques, individual, group and family therapy, crisis intervention, stress management, therapeutic milieu and ward programmes.

**PLEP201: Legal and Ethical Aspects of Psychiatric Nursing**

### Second Level:

**PNCA301: Psychiatric Nursing Care of Adults**
Aetiology, DSMV & ICD10 diagnosis, nursing process and treatment of the following: Psychotic Disorders, Schizophrenia, Mood Disorders, Anxiety Disorders, Somatoform Disorders, Substance related Disorders, Cognitive Disorders, Personality Disorders, Sexual and Gender Identity Disorders, Eating and Sleep Disorders, Psychiatric Disorders in the elderly.

**PCCP301: Psychiatric Nursing of Children and Adolescents**
Disorders in childhood mainly; mental retardation, pervasive developmental Disorders, Attention Deficit Hyperactivity Disorder, Elimination Disorder, Tic Disorder, Eating and feeding Disorders of childhood, Sleep Disorder and other disorders of infancy. Disorders in adolescence mainly: Eating Disorders, Impulse Control Disorders, Conduct Disorders.

**PCSP301: Contemporary Clinical Concerns / Psychiatric Nursing of Special Populations**
Neuro psychiatric aspects of HIV/AIDS Survivors of abuse and violence Forensic psychiatric nursing Suicide and self-destructive behaviour Psychiatric needs of the disabled Psychiatric emergencies Grief Termination of pregnancy counselling

**PCCP301: Community Care of Psychiatric Patients**
Community needs assessment and the establishment of a psychiatric service, standards and norms, barriers to implementation, multicultural treatment settings, i.e. hospital-based, community and home-based care, identifying and prioritising needs of high risk groups, integration of psychiatric services into
primary health care, deinstitutionalization and rehabilitation, legislative provisions for community psychiatric care. The severely and persistently ill patients in the community, community involvement and advocacy.

<table>
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<tr>
<th>Psychology and Mental Health Care</th>
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<tbody>
<tr>
<td>Physiological basis of psychology: the human personality; motivation of conduct; frustration and conflict; defence mechanisms; emotion; attitudes; group morale, leadership; communication; human relations; the child; the adolescent; the adult and the aged person as a patient. Mental health care, psychosomatic and psychopathological conditions; broad concept of the management of patients with mental disturbances in hospitals and the community. Theoretical instruction: 60 x 40-minute periods.</td>
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<tr>
<th>Psychology I (B Cur I; BNSc I; BSc(Diet) I; BSc(Med) I; B Occ Ther I)</th>
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<tr>
<td>Practical</td>
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<tr>
<td>Examination: 1 written paper</td>
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<tr>
<th>Psychology II (B Cur II; BNSc II; B Occ Ther II; BSc(Med) II)</th>
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<tbody>
<tr>
<td>Research methodology (Selected topics) and descriptive statistics. Introduction to assessment and diagnostics. Introduction to interviewing, counselling and psychotherapy. Personality theories. Developmental Psychology, with emphasis on infancy, youth and adolescence; learning problems. Industrial Psychology. Introduction to Medical Psychology. Social, Environmental and Community Psychology (selected topics).</td>
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<tr>
<td>Practical</td>
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<td>Examination: 2 written papers</td>
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<tr>
<th>PROH701 Principles of Occupational Health</th>
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<tr>
<td>30 credits</td>
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<tr>
<td>Work and health, occupational epidemiology, occupational injuries and disease, hazards in the workplace, psychosocial factor and violence in the work places, occupational hygiene, health and safety, ergonomics and occupational health laws.</td>
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<tr>
<th>PPHE701 Principles of Public Health Education and Promotion</th>
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<tr>
<td>30 credits</td>
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<tr>
<td>Socio-epidemiological foundations of health education and health promotion; essential concepts of planning, implementing and evaluating health promotion programmes; development and reinforcement of positive health behaviours for individuals, communities, institutions and organisations; cultural diversity in health education and promotion.</td>
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</tbody>
</table>
PPHE801  Theoretical Foundations of Public Health Education

30 credits
(Prerequisite: PPHE701) Role of theory in shaping research and public health practice; ongoing interaction between health education and applied social science; intra-personal, interpersonal, group and institutionally applicable theories; limitations of theory; Cultural aspects of theories.

PHBC701  Principles of Health Behaviour Change

30 credits
Integration of social science and health education content for the purpose of effecting positive health behaviour in persons, populations and organisations; health literacy; personal and professional responsibility; behaviour change strategies in individuals and groups.

PREH701  Principles of Environmental Health

30 credits
Overview of principles and major issues in contemporary environmental health; air, food, water, waste disposal, rodents and insects; radiation, toxicology; disaster response; setting environmental standards; monitoring environmental hazards; risk assessment.

Research Application in Speech-Language Pathology & Audiology (B SLP&A III)  (RSPA300)

This component aims to empower the learners to establish a well-rounded and systematic knowledge base of the research process, assessment guidelines for the research proposal and final research report. Students are also provided with the opportunity to present research topics for a research project in the final year.

Research Design and Statistics Module I (BSc (Diet II))  (RDST202)

The course covers the principles of the various techniques that have immediate application to research
2 Lectures per week during the first semester
Final Examination: 1 written paper.

Research Design & Statistics (BSc (Diet) II)  (RSDT203)

Module II
The course covers the principles of the various techniques that have immediate application to research
2 Lectures per week during the first semester
Final Examination: 1 written paper

Research Design and Statistics (Module I) (BSc Physiotherapy III)

The course covers the principles of the various techniques that have immediate application to research.
30 lectures per year
Examination: 1 written paper
Total course credits = 3.1

Research Design and Statistics (Module II) (BSc Physiotherapy III)
The course covers the principles of the various techniques that have immediate application to research
2 Lectures per week during the first semester

Final Examination: 1 written paper
Total course credits = 2.1

**Research Method and Report (B SLP&A IV) (REMR103)**

This component aims to empower the learner to execute a research project in either speech-language pathology and/or audiology, through the application of research principles and the selection of appropriate research methodology, displaying a comprehensive and systematic knowledge of research as well as coherent and critical understanding of principles and theories relating to research.

**Research Methodology (advanced) and Research Project (BPharm IV) (PREM 422)**

The theory and practice of research including a structured project in an area of pharmacy. The module is presented in three parts.

Part 1: Research methodology theory and protocol development
Part 2: Experimental phase and data collection
Part 3: Completion and submission of research report
These parts are separated by other modules for administrative and logistical reasons.

**Research Methodology (BNSc)**

Scientific theory and research; Knowledge building: Professional Research and Professional Practice; Ethical Aspects of Research; Quantitative & Qualitative Research Process; Types of Research, Critique of Published Research

Requirements and Assessment Methods:
* Attendance of group discussions and lectures
* Completion of continuous assignments (for e.g. literature review, proposal and research instrument development for data collection)
* Semester test (3 hour paper)

End of year examination: 1 x 3-hour written paper

**Research Methods and Report**

The module will provide for the introduction to research terminology and process including: preliminary steps in the research process, research designs, data collecting methods, ethics and research, writing a research proposal and report.

**Research Methodology: Post-graduate Dip. OHN**

Quantitative and Qualitative research design. Needs analysis and case study design. Ethnography and Grounded Theory Method.

**Respiratory System, Ear and Eye (BPharm II) (PRES213)**

The structure and functioning of the respiratory system, ear and eye. The role of the nervous system in controlling the functioning of the respiratory system, ear and eye. Important disorders of the respiratory system, ear and eye and their prevention, non-pharmacological and pharmacological management.
RMPH701  | Research Methods in Public Health

30 credits
Principles of research in Public Health; Identifying research areas and topics; Deciding on research approach; Literature search and review; principles of quantitative approach; principles of qualitative approach; Linking research questions and hypothesis; Planning data collection and analysis; Putting together a research proposal; oral presentation of a research proposal

QRPH801  | Qualitative Research in Public Health

30 credits
Psychosocial constructs in Public Health Practice; qualitative research tool development; health survey research; data collection and analysis in qualitative studies; surveying health status of individuals and communities; perceptions of health care concepts; Participatory Action Research (PAR), selection and use of computer software for analysis of qualitative data.

TFEH 801  | Theoretical Foundations of Environmental Occupational Health

30 credits
The concepts of environmental and occupational health are discussed in relation to the physical, chemical and biological factors human beings can be exposed to in the work and general environment.

Sociology (1 semester) (B Cur II)

Sociological concepts; psychic and ecological influences on society; culture; demographic aspects; status and role; social processes; the socialising process; social groups; the family; sociological approach in race relations; urban and rural areas; social stratification; the mass; social changes and resistance to change; social control and public opinion; leisure; sociopathological manifestations; interviewing and counselling; social care; assistance and welfare services.

Theoretical instruction: 60 x 40 minute periods
Examination: 1 written paper

Sociology (B Occ Ther I) SCLG101

Sociology as a discipline, sociological perspectives and theories. Concepts such as culture, socialization, social control, social inequality, stratification and social institutions: the family, education, religion, health demography.

Sociology and Social Care

Sociological concepts; biological, psychic and ecological influences on society; culture; demographic aspects; status and role; social processes; the socialising process; social groups; the family; sociological approach in race relations; urban and rural areas; social stratification; the mass; social changes and resistance to change; social control and public opinion; leisure; sociopathological manifestations; interviewing and counselling; social care; assistance and welfare services.

Theoretical instruction: 60 x 40-minute periods.
Speech-Language Pathology I (B SLP&A I) (SLPA101)

Theoretical components:

**Introduction to Theoretical Principles – Normal Development (SLPA110)**
The student will be empowered to discuss normal development in human communication, and will understand the development of normal processes of communication and compare it with variations in communication patterns.

**Community-Based Rehabilitation and Multiculturalism (SLPA120)**
The student will be empowered to consider multilingualism and multiculturalism in service delivery, and to act as change agent in community based programmes.

**Articulation Disorders and Developmental Phonological Delays (SLPA130)**
The student will be empowered to identify, assess and treat clients with articulation and phonological disorders.

**Clinical Principles of Communication Disorders and Professionalism (CPCD100)**
The student will be provided with the opportunity to observe the implementation of theoretical principles regarding normal development with regard to communication-, motor-, social- and cognitive development. Students will observe service delivery in the South African health care system with the Speech-Language Pathologist and the Audiologist as a member of the health care team.

Clinical components:

**Clinical Speech-Language Pathology and Professionalism (CSLPA100)**

Speech-Language Pathology II (B SLP&A II) (SLPA201)

Theoretical components:

**Childhood Language Disorders (SLPA110)**
The students are exposed to theory with regard to the nature, causes, assessment and intervention of language disorders in children. Students are introduced to language development of children in the prelinguistic and linguistic phases through preschool and school age years. Information will address the etiology, symptomatology assessment and intervention of language disorders. Focus is placed on the occupational functions of the SLP in terms of childhood language disorders and the role of the SLP when working with other professionals in various professional teams. Students learn the clinical reasoning and other skills necessary for identification, assessment and differential diagnosis of paediatric language disorders.

**Language Learning Disabilities (SLPA220)**
The students will learn about language learning disabilities associated with physical, psychological and social etiologies; problems with language development, auditory processing disorders, cognitive disorders, remedial practice in reading and writing problems including emergent literacy, and barriers to learning of culturally and linguistically diverse learners and young adult learners will be included. Students will understand the importance of collaboration and teamwork among professionals, which includes the development of the Individual Educational Plan (IEP) and Individual Family Plan (IFP).

**Cranio-Facial Anomalies (SLPA230)**
The student will be empowered to recognize, diagnose, and treat communication disorders associated with craniofacial disorders. This course will focus on the communicative disorders that are related to craniofacial anomalies including cleft lip and palate, foetal alcohol spectrum disorder and numerous other craniofacial syndromes.

**Voice and Laryngectomy (SLPA240)**
The module will empower students to identify, assess and treat clients with voice problems and discuss
normal voice functioning versus voice pathology across cultural boundaries.

Clinical Principles of Communication Disorders (CPCD200)
The student will be equipped with knowledge and skills to apply clinical principles associated with the management process of an individual with a speech, language and/or hearing disorder. These principles will include the importance of administration and organisation in the therapeutic process including therapy planning, the minimum competencies of the profession, ethical principles, reinforcement during intervention, the management of behavioural problems, teamwork in the management of an individual with a communication disorder, as well as the importance of providing home programmes. Interpersonal communication skills essential for a clinician will be emphasized and discussed as well the importance of professional report-writing skills.

Clinical components:
Articulation and Phonological Disorders (CSLPA200a)
Childhood Language Intervention (CSLPA200b)
Speech-Language Pathology III (B SLP&A III) (SLPA301)

Theoretical components:
Early Communication Intervention (ECI and Paediatric Dysphagia) (SLPA310)
This module will empower students to screen, assess and treat infants at risk for communication disorders, as well as feeding and swallowing disorders within a direct and indirect approach to service delivery in interdisciplinary and family-centered settings.

Dysphagia (SLPA320)
This module will empower the student to assess and treat dysphagia effectively in the clinical practice. The module will address the causes of dysphagia, the resultant symptoms, as well as the various approaches to assessment and intervention thereof. Planning and implementation of intervention and provision of counseling to parents, caregivers, adult clients and significant others with regard to dysphagia will also be addressed.

Neuro-Motor Speech Disorders (SLPA330)
This module will empower the student to assess and treat neuro-motor speech disorders effectively in the clinical practice and provide support to clients and significant others. The module will address the causes of dysarthria and apraxia, the resultant symptoms, as well as the various approaches to assessment and intervention thereof within a multidisciplinary team.

Disorders of Fluency (SLPA340)
This module will empower the student to identify, assess and treat clients (children and adults) with fluency disorders. Students will learn current theories and management approaches used with individuals representing the major cultural groups in South Africa, who display stuttering or related fluency disorders. This multicultural approach includes both didactic and practical components.

Adult Language Disorders (Aphasia and other related disorders) (SLPA350)
The purpose of this module is to empower the student to identify, assess and effectively treat clients with neurogenic communication disorders associated with stroke, traumatic brain injury and dementia within the South African context.

Clinical Principles of Communication Disorders (CPCD300)
The student will be equipped with knowledge and skills to apply clinical principles associated with the management process of an individual with a speech, language and/or hearing disorder. These principles will include the importance of administration and organisation in the therapeutic process including therapy planning, the minimum competencies of the profession, ethical principles, reinforcement during intervention, the management of behavioural problems, teamwork in the management of an individual with a communication disorder, as well as the importance of providing home programmes. Interpersonal communication skills essential for a clinician will be emphasized and discussed as well the importance of professional report-writing skills.
Clinical components:
Language Learning Disorders (CSLPA300a)

Speech-Language Pathology IV (B SLP&A IV) (SLPA401)

Theoretical components:

Augmentative and Alternative Communication (SLPA410)
The students will be empowered to identify, assess and treat clients with severe communication disorders by implementing AAC principles, methods and strategies.

Current Issues, Recent Research and Developments in Speech-Language Pathology (SLPA420)
The student will review current issues and recent research and developments in Speech-Language Pathology. This will include challenges faced by professionals within the South African context, basic principles of business management and running a speech-language pathology practice. Career opportunities in health contexts, private practice, tertiary training institutions and educational institutions will be discussed.

Clinical components:
Early Communication Disorders (CSLPA400a)
Adult & Paediatric Dysphagia (CSLPA400b)
Disorders of Fluency (CSLPA400c)
Voice Disorders (CSLPA400d)
Augmentative and Alternative Communication (CSLPA400e)
Initial Consultations (CSLPA400f)
Neuro-motor speech disorders and Neurogenic communication disorders (CSLPA400g)
School Management (CSLPA400h)

Sterile Pharmaceutical Products (BPharm III) (PPRE 311)
An overview of the manufacturing of sterile pharmaceutical products. Sterilisation. The control of contamination. The manufacture of sterile pharmaceutical products. The principles and practice of quality assurance, including Good Manufacturing Practices and quality control, as applied to sterile pharmaceutical products.

Tasks and Challenges in Health Care (BPharm I) (PTAS112)

Therapeutic Media I (B Occ Ther I) THEM102

THEORY
The course covers an outline of occupational performance, its development and occupational dysfunction.

PRACTICE
Students are introduced to the performance of activities.

Therapeutic Media II (B Occ Ther II) THEM201

THEORY
The evaluation and measurement of occupational performance forms the core of this course Included are:
- the specific procedures for the assessment of occupational context, activity profiles, life roles, habits, routines, work, leisure, play, personal management, social participation and occupational performance in general.
- foundations for such evaluations: kinesiology, biophysical procedures, work measurement, work study and ergonomics.

The course is concluded with the occupational treatment processes.

**PRACTICE**

Students learn to perform a number of activities used to simulate activity demands such as woodwork, needlework, domestic activities, music and drama, leisure and personal management activities. The skill to assess occupational performance is developed.

**Therapeutic Media III (B Occ Ther III) THEM301**

**THEORY**

The emphasis is on the development, use and management of occupational programmes in the areas of work, leisure, play, social participation and personal management. Included are the processes of analysis, adaptation, selection, presentation and structuring of activities. The model of “creative ability” is used as a general clinical reasoning tool during assessment and treatment of occupational dysfunction. Students learn to develop and control an occupational area.

**PRACTICE**

Students learn to analyse and adapt principles in the assessment and treatment of occupational dysfunction. Specialized techniques such as the use of counselling skills, group dynamics, splints, assistive devices and therapeutic apparati are covered.

**Therapeutic Nutrition I (BSc (Diet) II) THEN208**

Professionalism/dietetics as a profession; role of the dietitian in the health care team, the nutritional care process; nutritional assessment of hospitalized patients; prevention and/or management by means of lifestyle & nutrition of chronic disease of lifestyle (obesity, cardiovascular health, hypertension, cancer, diabetes mellitus) and optimum bone and oral health; nutritional management of anaemia.

**Teaching and learning:** 6 lectures and 1 practical per week over 10 weeks in the 2nd semester

**Formative assessment:** Tests; assignments; case studies; class presentations

**Summative assessment:** Written examination

**Therapeutic Nutrition II (BSc (Diet) III) THEN308**

Drug-nutrient interactions; nutritional management of disorders of the gastrointestinal tract, liver, gallbladder and exocrine pancreas; nutritional care in renal diseases, diseases of the lungs, HIV/AIDS, physiological stress and trauma, diseases of the musculoskeletal system and the nervous system, food allergy and intolerance, eating disorders and metabolic disorders, methods of nutritional support; nutritional care in paediatrics diseases

**Teaching and learning:** 6 lectures and 1 practical per week for the whole year

**Formative assessment:** Tests; assignments; case studies; class presentations

**Summative assessment:** Written examination

**Therapeutic Nutrition II (BSc (Diet) IV) THEN408**

One clinical/practical session per week for the first 10 weeks followed by a compulsory 9-week internship in a hospital dietetics department later in the year under supervision of accredited registered dietitians.

Examination: 1 written paper and 1 clinical/oral examination

**Trends in Health Service Management or (Management Lecturers)**
Contemporary issues and trends influencing health service management.

### Trends in Higher Education

Policies and Acts influencing the educational context; Contemporary educational delivery systems; Community-based Education (CBE), Community-based Learning (CBL), Community-oriented Education (COE), Problem-based Learning (PBL), Distance education Modalities, Societal needs and changes influencing the educational situation; Contemporary views regarding learning and teaching; information management skills, lifelong learning, self-directed learning, Reflection and reflective practice, learning facilitation and the facilitator, Continuing Professional Development (CPD). Development of the Recognition of Prior Learning (RPL) policy.

### Undergraduate Research Project

After completion of research design module I, students attend departmental research workshops conducted by the research coordinator on identifying a research topic as well as how to develop a research proposal. Each student shall select a research topic from the following fields of study: Respiratory, Neurological Rehabilitation, Community and Orthopaedics. The topic gets peer reviewed and accepted by the department. The proposals will be submitted to the Research ethics committee (MREC) for approval by the University, students will be allowed to execute their research projects thereafter.

Final evaluation: Submission of two copies of a printed and one bound research report and oral presentation of the research findings.

TOTAL COURSE CREDITS: 12 credits

### Undergraduate Research Project (BSc (Diet) IV)

One day per week for the first ten weeks of the academic year supported by seminars with peer review. Thereafter blocks allocated for the completion of the protocol and the execution of the research as allowed by the training and internship schedule.

Final evaluation: Submission of two copies of a printed and bound research report and oral presentation of the research findings.

Each student shall select a field of study from the following: Basic, Applied, Community or Therapeutic Nutrition. After selection of an appropriate research topic the student will complete a preliminary literature search, develop a research protocol, plan and execute the research and prepare a printed research report according to the guidelines provided by the department.

### Work and safety: Post-graduate Diploma OHN


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