



NORTH-WEST UNIVERSITY[®]
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT

POTCHEFSTROOM CAMPUS
HEALTH SCIENCES



CALENDAR 2016

FACULTY OF HEALTH SCIENCES
POSTGRADUATE

Potchefstroom Campus

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PLEASE MENTION YOUR UNIVERSITY NUMBER IN ALL CORRESPONDENCE.

The General Academic Rules of the University, to which all students have to subject themselves and which apply to all the qualifications offered by the University, appear in a separate publication and are available on the web page at:

<http://www.nwu.ac.za/e-yearbooks-2015>

Please note: Although the information in this Calendar has been compiled with the utmost care and accuracy, the Council and the Senate of the University accept no responsibility whatsoever for errors that may occur. Before students finally decide on the selection of modules, they must consult the class timetable. If a clash occurs in the planned selection of a student, the relevant module combination is not permitted.

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FACULTY OF HEALTH SCIENCES

Office Bearers

DEAN

Prof AF Kotzé, BPharm (PU for CHE), MSc (Pharmaceutics) (PU for CHE), PhD (Pharmaceutics) (PU for CHE)

ADMINISTRATIVE MANAGER

Mrs C Postma, BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE)

CENTRE FOR PHARMACEUTICAL AND BIOMEDICAL SERVICES

Director: Prof B Boneschans, BSc (Pharm) (PU for CHE), MSc (Pharmaceutics and Pharmaceutical Chemistry) (PU for CHE), DSc (Pharmaceutics) (PU for CHE)

Research Institute for Industrial Pharmacy incorporated with Centre for Quality Assurance of Medicine (NIIF/CENQAM)

Operational Head: Dr E Swanepoel, BPharm (PU for CHE), MSc (Pharmaceutics) (PU for CHE), PhD (Pharmaceutics) (PU for CHE)

DST/NWU PRECLINICAL DRUG DEVELOPMENT PLATFORM (PCDDP)

Director: Prof AF Grobler, BSc (PU for CHE), Hons BSc (Biochemistry) (PU for CHE), MSc (Medical Biochemistry) (US), PhD (Pharmaceutics) (NWU)

Vivarium

Head: Mr CJJ Bester, National Diploma in Laboratory Animal Technology, Senior Primary Education Diploma (POK), Higher Education Diploma (POK)

CENTRE FOR CHILD, YOUTH, AND FAMILY STUDIES (CCYFS)

Head: Prof CHM Bloem, BSW (Social Work) (UP), BSW Hons (Industrial Sociology) (UP), MSW (Social Work) (UP), DPhil (Social Work) (UP)

UNIT FOR OPEN DISTANCE LEARNING (UODL)

Academic co-ordinator: Ms OR Appolus, BA (Nursing Science) (UNISA), BA (Hons) (Health Studies) (UNISA), BA (Hons) (Life Skills and Counselling) (University of NW), MBA (General) (MANCOSA)

RESEARCH ENTITIES

Centre of Excellence for Nutrition (CEN)

Director: Prof JC Jerling, BSc (US), Hons BSc (PU for CHE), MSc (PU for CHE), PhD (PU for CHE)

Centre of Excellence for Pharmaceutical Sciences (Pharmacem)

Director: Prof J Du Plessis, BPharm (PU for CHE), MSc (PU for CHE), PhD (PU for CHE), Diploma in Tertiary Education (PU for CHE)

Research Unit: The Africa Unit for Transdisciplinary Health Research (AUTHer)

Director: Prof A Kruger, B Soc Sc (Nursing) (UOFS), Hons B Soc Sc (Nursing) (UOFS), M.Sc. Diploma (Diabetes Education) (University of Glamorgan, Scotland), MSoc Sc (Nursing) (UOFS), PhD (Nutrition) (PU for CHE)

Programme leader: Master of Health Sciences in Transdisciplinary Health Promotion: Prof A Kruger, B Soc Sc (Nursing) (UOFS), Hons B Soc Sc (Nursing) (UOFS), MSc Diploma (Diabetes Education) (University of Glamorgan, Scotland), MSoc Sc (Nursing) (UOFS), PhD (Nutrition) (PU for CHE)

Programme leader: Master of Health Sciences in Gerontology: Prof V Roos, BA (UP), BA Hons (Psychology) (UP), MA (Clinical Psychology) (UP), DPhil (UP)

Programme leader: Master of Arts in Positive Psychology: Prof MP Wissing, BA (PU for CHE), BA Hons (Psychology) (PU for CHE), MA (Psychology (PU for CHE), Drs Phil (Clinical Psychology) (Free University of Amsterdam, The Netherlands), DPhil (Psychology) (PU for CHE)

Focus area: Hypertension in Africa Research Team (HART)

Director: Prof HW Huisman, BSc (Physiology and Biochemistry), Hons BSc (Physiology), MSc (Physiology), PhD (Physiology) (PU for CHO)

Focus area: Physical Activity, Sport and Recreation (PhASRec)

Director: Prof SJ Moss, BSc (Physiology and Biochemistry), Hons BSc (Biochemistry), Hons BSc (Biokinetics), MSc (Biochemistry), PhD (PU for CHE), MBA (NWU)

Focus area: Quality in Nursing and Midwifery (INSINQ)

Director: Dr CS Minnie, B Art ET Scien (Nursing) (PU for CHE), Hons BA (Psychology) (PU for CHE), MCur (Obstetric- and Neonatal Nursing Science) (PU for CHE), PhD (NWU)

Focus area: Community Psychosocial Research (COMPRES)

Director: Prof HB Grobler, BA (Social Sciences) (PU for CHE), BA Hons (Psychology) (UPE), MA (Research Psychology) (NWU), MDIac (Play Therapy) (UNISA), DDIac (Play Therapy) (UNISA)

Niche area: Medicine Usage in South Africa (MUSA)

Niche area leader: Prof MS Lubbe, BPharm (PU for CHE), MPharm (Pharmacy Practice) (PU for CHE), PhD (Pharmacy Practice) (PU for CHE)

Niche area: Occupational Hygiene and Health Research Initiative (OHHR)

Niche area leader: Prof JL du Plessis, BSc (PU for CHE), Hons BSc (Physiology) (PU for CHE), MSc (Physiology) (PU for CHE), PhD (Occupational Hygiene) (NWU)

Programme leader: Master of Science in Occupational Hygiene: Prof FC Eloff, BSc (PU for CHE), Hons BSc (Physiology) (PU for CHE), Hons BSc (Industrial Physiology) (PU for CHE), MSc (Physiology) (PU for CHE), DSc (Physiology) (PU for CHE).

SCHOOL OF BIOKINETICS, RECREATION AND SPORT SCIENCE

Director: Prof JH de Ridder, BA (PU for CHE), HED (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD (PU for CHE)

Institute for Biokinetics:

Head: Prof CJ Wilders, BJur (PU for CHE), BA (PU for CHE), Hons BA (PU for CHE), PhD (PU for CHE)

Institute for Sport Science and Development:

Head: Dr Y Willemsse, BA (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD (NWU)

Programme Managers

Human Movement Sciences & Academic Programme Manager:

Prof DDJ Malan, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), DSc (PU for CHE)

Recreation Science:

Ms CM Schreck, BA (PU for CHE), Hons BA (PU for CHE), MA (NWU)

Diploma in Sport Science:

Mr PH van den Berg, BA (PU for CHE), HED (PU for CHE), Hons BA (PU for CHE), MA (NWU)

Subject Group Chairs

Biokinetics:

Dr M Swanepoel BSc (Biokinetics) (PU for VHE), MSc (MBW) (NWU), PhD (MBW) (NWU)

Kinderkinetics:

Prof AE Pienaar, BA (PU for CHE), HED (PU for CHE), Hons BA (PU for CHE), MA (PU for CHE), PhD (PU for CHE)

Sport Science:

Prof B Coetzee, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (PU for CHE), PhD (NWU)

SCHOOL OF PHARMACY

Director: Prof S van Dyk, B Pharm (PU for CHE), MSc (Pharmaceutical Chemistry) (PU for CHE), PhD (Pharmaceutical Chemistry) (PU for CHE)

Programme Leaders:

Pharmacy (Undergraduate) & Academic Programme Manager:

Prof AF Marais, BPharm (PU for CHE), MSc (Pharmaceutics) (PU for CHE), PhD (Pharmaceutics) (PU for CHE)

Programme for Continuous Professional Education:

Mrs JH Hamman, BPharm (PU for CHE), MSc, (Pharmaceutics) (PU for CHE)

Subject Group Chairs

Pharmacology:

Prof L Brand, BPharm (PU for CHE), MSc (Pharmacology) (PU for CHE), PhD (PU for CHE)

Pharmaceutics:

Prof JH Steenekamp, BPharm (PU for CHE), MSc (Pharmaceutics) (PU for CHE), PhD (Pharmaceutics) (NWU)

Pharmaceutical Chemistry:

Prof JP Petzer, BPharm (PU for CHE), MSc (Pharmaceutical Chemistry) (PU for CHE), PhD (PU for CHE)

Pharmacy Practice:

Mr WD Basson, BSc (PU for CHE), Hons BSc (Physiology) (PU for CHE), BPharm (PU for CHE), MPharm (Pharmacy Practice) (PU for CHE)

Clinical Pharmacy:

Mr LN Scheepers, BPharm (PU for CHE).

SCHOOL OF PHYSIOLOGY, NUTRITION AND CONSUMER SCIENCES

Director: Prof SM Hanekom, BSc (PU for CHE), Postgraduate Diploma in Dietetics (UOFS), Hons BSc (PU for CHE), MSc (PU for CHE), PhD (PU for CHE)

Programme leaders

Dietetics:

Dr RC Dolman, BSc (Dietetics) (PU for CHE), Postgraduate Diploma in Hospital Dietetics (UP), Hons BSc (Dietetics) (NWU), MSc Nutrition (NWU), PhD Dietetics (NWU)

Nutrition Sciences:

Ms C Witten, BSc (Dietetics) (UWC), MSc (Nutrition Management) (UWC)

Occupational Hygiene:

Prof FC Eloff, BSc (PU for CHE), Hons BSc (Physiology) (PU for CHE), Hons BSc (Industrial Physiology) (PU for CHE), MSc (Physiology) (PU for CHE), DSc (Physiology) (PU for CHE)

Subject Group Chairs

Physiology:

Prof JM van Rooyen, BSc (PU for CHE), Hons BSc (Industrial Physiology), MSc (Physiology) (PU for CHE), DSc (Physiology) (PU for CHE)

Nutrition:

Dr T van Zyl, BSc (Dietetics) (PU for CHE), MSc Dietetics (NWU), PhD Dietetics (NWU)

Consumer Sciences:

Dr J van Staden, BSc Home Economics (Ed) (PU for CHE), BEd (PU for CHE), M Tech (Fashion) (VUT), PhD (Consumer Sciences) (NWU)

SCHOOL OF PSYCHOSOCIAL BEHAVIOURAL SCIENCES

Director: Prof AG Herbst, BA (MW) (UP), MA (MW) (UP), PhD (PU for CHE)

Institute for Psychology and Wellbeing

Head: Prof P Kruger BA (Public & Private Sector) (PU for CHE), BA (Hons) Psychology (PU for CHE), BA (Hons) Sport Science (PU for CHE), MA Clinical Psychology (UFS), PhD Psychology (NWU), Postgraduate Certificate: Cognitive Behavioural Therapy (Albert Ellis Institute; New York State University)

Subject Group Chairs

Psychology:

Prof JC Potgieter, BSc (PU for CHE), Hons BSc (PU for CHE), MSc (Clinical Psychology) (UV), PhD (UV)

Social Work:

Prof EH Ryke, BA (SW) (RAU), Post Grad Dipl Philosophy (PU for CHE), MA (Mental Health) (UNISA), PhD (SW) (NWU)

SCHOOL OF NURSING SCIENCES

Acting Director: Ms E Bornman, BA Cur (Nursing Education, Nursing Management) (UNISA), Diploma Clinical Nursing Science, Assessment Treatment and Care (UOFS), MCur (Professional Nursing Science) (NWU)

Programme leaders

BCur-programme: Dr A du Preez, B Soc Sc (Nursing Sciences)(UV), Hons B Soc Sc (Nursing Sciences)(UV), BA (Nursing Administration & Education), Diploma in Advanced Midwifery & Neonatological Nursing science, MCur (Midwifery & Neonatological Nursing Science), PhD (Nursing Science) (NWU)

Postbasic Programmes: Mrs E Bornman, BA Cur (Nursing Education, Nursing Management) (UNISA), Diploma Clinical Nursing Science, Assessment Treatment and Care (UOFS), MCur (Professional Nursing Science) (NWU)

Nursing Clinical Education: Dr R van Waltsleven, BSocSc (Nursing) (UFS); MCur (Community nursing) (UJ); PhD (NWU); Diploma in Operating Theatre Technique (VKOVS); Diploma in Nursing Management and Nursing Education (NWU)

FACULTY OF HEALTH SCIENCES

EXECUTIVE MANAGEMENT COMMITTEE:

Chairperson: Prof AF Kotzé (Dean)
Vice Chairperson: Prof SM Hanekom
Secretary: Mrs L Grimbeek (Chief Amin Officer)

Bloem, CHM (Prof)	Jerling, JC (Prof)
Boneschans, B (Prof)	Kruger, A (Prof)
Bornman, E (Mrs)	Lubbe, MS (Prof)
De Ridder, JH (Prof)	Minnie, CS (Dr)
Du Plessis, J (Prof)	Moss, SJ (Prof)
Du Plessis, JL (Prof)	Postma, C Mrs (Administrative Manager)
Grobler, AF (Prof)	Van Dyk, S (Prof)
Grobler, HB (Prof)	
Herbst, AG (Prof)	
Huisman, HW (Prof)	

FACULTY BOARD

Tel	Name	Position
Office of the Dean		
992223	1. Prof AF (Awie) Kotzé	Dean (Chairperson)
992221	2. Ms C (Corrie) Postma	Administrative Manager
School of Biokinetics, Recreation and Sport Science		
991800	3. Prof JH (Hans) de Ridder	Director & Professor
991795	4. Prof DDJ (Dawie) Malan	Professor (Human Movement Sciences) – Academic Programme Manager
991796	5. Prof AE (Anita) Pienaar	Professor (Kinderkinetics)
991801	6. Prof CJ (Cilas) Wilders	Professor (Biokinetics)
991803	7. Prof B (Ben) Coetzee	Associate professor (Sport Science)
991793	8. Prof A (Ankebé) Kruger	Associate professor (Human Movement Sciences)
994284	9. Dr C (Cindy) Pienaar	Senior Lecturer (Sport Science)

Tel	Name	Position
992282	10. Dr M (Mari�tte) Swanepoel	Senior Lecturer (Biokinetics)
991811	11. Dr Y (Yolandi) Willemse	Senior Lecturer (Sport Science)
992034	12. Dr E (Erna) Bruwer	Senior Lecturer (Human Movement Sciences)
991797	13. Ms W (Wilmari�) du Plessis	Lecturer (Kinderkinetics)
991896	14. Ms CM (Cornelia) Schreck	Lecturer (Recreation Science)
991802	15. Dr PH (Pieter) van den Berg	Lecturer (Dip Sport Science)
<i>School of Pharmacy</i>		
992267	16. Prof S (Sandra) van Dyk	Director & Associate professor
992234	17. Prof CB (Tiaan) Brink	Professor (Pharmacology)
992271	18. Prof DW (Douglas) Oliver	Professor (Pharmacology)
992249	19. Prof PJ (Pieter) Milne	Professor (Pharmaceutical Chemistry)
992206	20. Prof JP (Jacques) Petzer	Professor (Pharmaceutical Chemistry)
992233	21. Prof L (Linda) Brand	Associate professor (Pharmacology)
994246	22. Prof LH (Lissinda) du Plessis	Associate professor (Pharmaceutics)
992276	23. Prof AF (Dries) Marais	Associate professor (Pharmaceutics)
992276	24. Prof JH (Jan) Steenekamp)	Associate professor (Pharmaceutics)
992275	25. Prof JC (Anita) Wessels	Associate professor (Pharmaceutical Chemistry)
992255	26. Mr WD (Willem) Basson	Senior Lecturer (Pharmacy Practice)
992204	27. Dr JM (Jesslee) du Plessis	Senior Lecturer (Clinical Pharmacy)
994073	28. Ms JH (Hannlie) Hamman	Senior Lecturer (Continuing Professional Education)
992239	29. Ms I (Irma) Kotz�	Senior Lecturer (Pharmacy Practice)
992364	30. Dr DM (Dorcas) Rakumakoe	Senior Lecturer (Clinical Pharmacy)
992277	31. Dr MM (Maides) Malan	Senior Lecturer (Pharmaceutics)

Tel	Name	Position
992273	32. Dr JM (Joe) Viljoen	Senior Lecturer (Pharmaceutics)
992183	33. Mr LN (Nico) Scheepers	Lecturer (Clinical Pharmacy)
992272	34. Ms MA (Mariëtta) Fourie	Lecturer (Pharmaceutics)
<i>School of Physiology, Nutrition and Consumer Sciences</i>		
992027	35. Prof SM (Grieta) Hanekom	Director & Associate professor
992482	36. Prof HS (Salome) Kruger	Professor (Nutrition)
992438	37. Prof L (Leone) Malan	Professor (Physiology)
994670	38. Prof CM (Marius) Smuts	Professor (Nutrition)
992440	39. Prof JM (Johannes) van Rooyen	Professor (Physiology)
992442	40. Prof FC (Fritz) Eloff	Associate professor (Occupational Hygiene)
994011	41. Dr RC (Robin) Dolman	Senior Lecturer (Nutrition)
994283	42. Dr CMT (Carla) Fourie	Senior Lecturer (Physiology)
992399	43. Dr L (Lize) Havemann-Nel	Senior Lecturer (Nutrition)
992085	44. Dr T (Tani) Lombard	Senior Lecturer (Nutrition)
992084	45. Dr J (Hanlie) van Staden	Senior Lecturer (Consumer Sciences)
852292	46. Dr T (Tertia) van Zyl	Senior Lecturer (Nutrition)
992467	47. Ms C (Chantell) Witten	Senior Lecturer (Nutrition)
992083	48. Ms N (Neoline) le Roux	Lecturer (Consumer Sciences)
992474	49. Dr A (Annchen) Mielmann	Lecturer (Consumer Sciences)
994422	50. Ms E (Eloise) Botha	Lecturer (Consumer Sciences)
<i>School of Psychosocial Behavioural Sciences</i>		
994079	51. Prof AG (Alida) Herbst	Director & Associate professor
852270	52. Prof WJH (Wim) Roestenburg	Professor (Social Work)
991681	53. Prof ML (Mike) Weyers	Professor (Social Work)

Tel	Name	Position
991735	54. Prof KFH (Karel) Botha	Professor (Psychology)
991727	55. Prof E (Esmé) van Rensburg	Professor (Psychology)
991726	56. Prof JC (Johan) Potgieter	Professor (Psychology)
991687	57. Prof EH (Elma) Ryke	Associate professor (Social Work)
991683	58. Prof CC (Cornelia) Wessels	Associate professor (Social Work)
991388	59. Prof P (Pieter) Kruger	Head: Institute for Psychology and Wellbeing
991731	60. Dr AW (Alida) Nienaber	Senior Lecturer (Psychology)
992132	61. Dr CM (Tertia) Oosthuizen	Senior Lecturer (Psychology)
991682	62. Dr S (Sufran) Smith	Senior Lecturer (Social Work)
991684	63. Dr MM (Marie) Steyn	Senior Lecturer (Social Work)
991725	64. Dr W (Werner) de Klerk	Senior Lecturer
991387	65. Ms HK (Heleen) Coetzee	Lecturer (Psychology)
852388	66. Mr AG (Ruan) Spies	Lecturer (Psychology)
<i>School of Nursing Sciences</i>		
991889	67. Ms E (Elsabe) Bornman	Acting Director & Senior Lecturer
991884	68. Prof E (Emmerentia) du Plessis	Associate professor
991837	69. Dr A (Antoinette) du Preez	Senior Lecturer
991853	70. Dr R (Ronel) Pretorius	Senior Lecturer
991833	71. Dr B (Belinda) Scrooby	Senior Lecturer
<i>Centre: Centre of Excellence for Nutrition (CEN)</i>		
992481	72. Prof JC (Johann) Jerling	Director & Professor
994668	73. Prof M (Marlien) Pieters	Professor
<i>Centre: Centre of Excellence for Pharmaceutical Sciences (Pharmacem)</i>		
992274	74. Prof J (Jeanetta) du Plessis	Director & Professor

Tel	Name	Position
992238	75. Prof BH (Brian) Harvey	Professor
994467	76. Prof W (Wilna) Liebenberg	Professor
994035	77. Prof SH (Sias) Hamman	Research professor
Research Unit: The Africa Unit for Transdisciplinary Health Research (AUTHeR)		
994037	78. Prof A (Annamarie) Kruger	Director & Professor
991735	79. Prof V (Vera) Roos	Professor
852381	80. Dr GM (Gerda) Reitsma	Senior Lecturer
992093	81. Dr L (Lanthé) Kruger	Senior Lecturer
992094	82. Dr P (Petra) Bester	Senior Lecturer
Focus area: Hypertension in Africa Research Team (HART)		
992439	83. Prof HW (Hugo) Huisman	Director & Professor
992053	84. Dr W (Wayne) Smith	Senior Lecturer
991983	85. Dr C (Carina) Mels	Senior Lecturer
Focus area: Physical Activity, Sport and Recreation (PhASRec)		
991821	86. Prof SJ (Hanlie) Moss	Director & Associate professor
991790	87. Prof MA (Andries) Monyeke	Professor (Human Movement Sciences)
992037	88. Dr JT (Theron) Weilbach	Senior Lecturer (Recreation Science)
Focus area: Quality in Nursing and Midwifery (INSINQ)		
991836	89. Dr CS (Karin) Minnie	Director & Senior Lecturer
991879	90. Dr SK (Siedine) Coetzee	Senior Lecturer
Focus area: Community Psychosocial Research (COMPRES)		
991745	91. Prof HB (Herman) Grobler	Director & Associate professor
Niche area: Medicine Usage in South Africa (MUSA)		
992288	92. Prof MS (Martie) Lubbe	Niche area leader & Professor

Tel	Name	Position
992285	93. Dr JR (Johanita) Burger	Senior Lecturer
<i>Niche area: Occupational Hygiene and Health Research Initiative (OHHR)</i>		
992434	94. Prof JL (Johan) du Plessis	Niche area leader & Associate professor
<i>Centre for Child, Youth and Family Studies (CCYFS)</i>		
	95. Prof CHM (Retha) Bloem	Hoof: SKJF & Associate professor
<i>Centre for Pharmaceutical and Biomedical Services (CPBS)</i>		
992280	96. Prof B (Banie) Boneschans	Director & Professor
992325	97. Dr E (Erna) Swanepoel	Head: RIIP/CENQAM (Expert Subject Specialist)
992322	98. Dr M (Marius) Brits	Expert Subject Specialist (RIIP)
<i>DST / NWU Preclinical Drug Development Platform (PCDDP)</i>		
994467	99. Prof AF (Anne) Grobler	Director & Professor
992102	100. Mr CJJ (Cor) Bester	Head: Vivarium
852606	101. Prof R (Rose) Hayeshi	Professor
<i>SARChI Chair in Hypertension & MRC Unit: Research Unit for Hypertension and Cardiovascular Disease</i>		
992444	102. Prof AE (Alta) Schutte	Professor (Research chair & Director)
<i>Health Sciences Ethics Office for Research, Training and Support</i>		
991901	103. Prof M (Minrie) Greeff	Head & Professor
852291	104. Dr GW (Wayne) Towers	
<i>Student representatives</i>		
	105. Ms Nolien de Jager (Nutricamus)	Email: nolien95274@gmail.com Cell:
	106. Mr Muller Terblanche (PASV)	Email: muller.terblanche770@gmail.com

Tel	Name	Position
		Cell:
<i>Representatives from other faculties/entities</i>		
992501	107. Prof M (Mark) Maboeta	Natural Sciences
852309	108. Dr M (Marissa) de Klerk	Economic and Business Management
991627	109. Prof SJ (Johann) Zaaiman	Arts
991591	110. Dr H (Hannelie) Yates	Theology
	111. Prof LA (Lesley) Wood	Education
	112. Ms OR Appolus	Unit for Open Distance Learning

G.1 FACULTY RULES

G.1.1 AUTHORITY OF THE GENERAL RULES

The faculty rules, guidelines and procedures applicable to the different qualifications, programmes and curricula of this faculty, and contained in this faculty calendar, as well as in the Quality Manual of the faculty are subject to the General Rules of the University, as determined from time to time by the Council of the University on recommendation by the Senate. The faculty rules, guidelines and procedures should therefore be read in conjunction with the General Rules.

The Manual for Masters and Doctoral students, with specific guidelines and procedures for masters and doctoral studies also apply. The manual can be obtained at:

http://www.nwu.ac.za/sites/www.nwu.ac.za/files/files/library/documents/manual_postgrad.pdf

G.1.2 FACULTY SPECIFIC RULES

The faculty specific rules regarding the different programmes presented in this faculty are given in the language in which the specific programme is presented. If a programme is presented in Afrikaans as well as English, the rules are given in both languages.

Additional requirements and/or faculty specific rules with regard to different programmes are indicated at the specific programme in this calendar.

G.1.2.1 General rules:

The following general rules apply in the Faculty:

G.1.2.1.1 Application for admission

a) General admission requirements for all qualifications in this calendar, as stipulated in the Admissions Policy of the University hold. Visit the Admissions Policy of the University at:

http://www.nwu.ac.za/sites/www.nwu.ac.za/files/files/i-governance-management/policy/7P-7.1.1_Admissions_e.pdf

b) A prospective postgraduate student applies for admission to the University by completing the prescribed application form either on paper or electronically and submitting it to the Admissions Office together with the prescribed application documentation, fees for application and selection (where applicable), or proof of payment thereof.

c) No application for admission is accepted if the applicant does not, in addition to the general admission requirements, also comply with faculty specific requirements where applicable.

d) A prospective postgraduate student is only admitted to the University and to a specific qualification programme in this faculty once the official acceptance letter was issued by the Admissions office.

G.1.2.1.2 Selection

a) The faculty reserves the right to select students before admission to specific programmes and not to admit applicants to the relevant qualification programmes if they do not satisfy the selection standards, even where such applicants do meet the minimum admission

requirements. Where, in such a case, a student number is allocated to an applicant, it is done solely for administrative purposes, and does not constitute or create a right to admission.

- b) Selection processes are approved by faculty structures and is revised annually. Selection will take place during specific time frames for each programme mentioned in this calendar.
- c) Submission of an application for selection at a school or research entity does not replace the official application process for admission to the University. Admission to a programme in the faculty will only be approved after an official application was handed in at the Admissions Office.

G.1.2.1.3 Registration

- a) No one is registered as a student before such person is admitted to a specific qualification programme in the faculty or for non-degree purposes.
- b) A student who has been admitted to the University registers each year for the specific qualification programme for the duration of the study at the time determined in the annual calendar for that purpose, by paying the prescribed registration fee, completing a registration form either on paper or electronically, acquiring the required approval from a study leader/promoter concerned and submitting the form to the office concerned, upon which proof of registration is issued to the student. The aforementioned is also applicable to the re-registration of existing students. If a provisional postgraduate student fails to register during the determined registration cycle of the specific academic year, he/she must re-apply for admission to the University/programme.
- c) A postgraduate student who fails to register by 31 March annually may in the same calendar year, apply to the dean for late registration. Late registration penalties as approved by the Senate will apply.
- d) An existing postgraduate student who failed to re-register for any academic year must apply at the dean for re-admission and continuation. Such student will be responsible for all outstanding tuition fees (including preceding study years or year).

G.1.2.1.4 Duration of registration

- A postgraduate student who is admitted to the University and is officially registered remains a student of the University for as long as the registration is valid, or until such time the registration is cancelled by the student or by the faculty due to inadequate academic progress.

G.1.2.1.5 Amendment or cancellation of registration

- a) A postgraduate student's registration may only be amended or cancelled on application and in the prescribed manner. The faculty may cancel a student's registration for a particular module where such registration was done contrary to faculty rules.
- b) A student, granted bursaries from the University and whose registration is discontinued or cancelled by the faculty for inadequate academic progress or any other reason as stipulated in faculty rules, will be held liable for reimbursement.

G.1.2.1.6 Erroneous registration

- a) The faculty reserves the right to cancel any erroneous registration and to withdraw any qualification that was awarded erroneously after the conclusion of a disciplinary process or the completion of a thorough administrative enquiry.

G.1.2.1.7 Exemption from registration

- a) A postgraduate student who still needs to write a paper or make improvements to an examined dissertation or mini-dissertation and who can attain the qualification at the autumn graduation ceremony, does not register for a new year, **provided** that the examination is successfully completed by the end of January of the new year or the dissertation or mini-dissertation is satisfactorily improved by the end of January of that new year.

G.1.2.1.8 Simultaneous registration at more than one institution

- a) A postgraduate student may not be registered simultaneously at the University and at any other higher education institution without written permission granted by the dean and with the concurrence of the other institution.

G.1.2.1.9 Simultaneous registration for more than one qualification

- a) A postgraduate student may not be registered simultaneously for more than one qualification within the University without prior written permission granted by the dean.

G.1.2.1.10 Use of University facilities by registered students

- a) Subject to specific exceptions granted by the campus registrar concerned, only registered postgraduate students are entitled to make use of University's facilities.

G.1.2.1.11 Submission to rules and resolutions

- a) By signing and submitting the application and registration forms either on paper or electronically a postgraduate student agrees to be bound by all rules, policies and decisions of the University for the duration of the student's study at the University.

G.1.2.1.12 Re-admission after interruption of studies

- a) Where a postgraduate student's study is interrupted for a year **due to pre-approval by the dean**, such student must apply anew for admission by completing the relevant form and obtaining written permission to be re-admitted. Such students' studies will be regarded cancelled if he/she fails to reregister on the last date determined for registration following the year of interruption.
- b) Interruption of masters and doctoral studies will only be allowed in exceptional circumstances. Students' requests must be accompanied by supporting documents and must be well motivated.
- c) Application for interruption of studies will be approved for one academic year only. Students who were granted permission to interrupt their studies

will have no entitlement to re-admission in case of certain restrictions within the research entity.

G.1.2.1.13 Extension of period of study

- a) The minimum and maximum period of study per qualification as specified in this calendar hold.
- b) An honours student who does not expect to complete the curriculum for a qualification programme within the maximum number of years may, before the end of the final academic year, apply to the school director concerned for an extension of the study period.
- c) Masters and doctoral students who are not anticipated to complete their studies within the maximum number of years may, apply before the end of the final academic year, to the research director or –leader or where applicable the school director concerned for an extension of the study period with one academic year. The research director or –leader or where applicable the school director concerned will make a recommendation concerning the extension of the study period to the Faculty Board.

G.1.2.1.14 Registration for additional modules

- a) A postgraduate student may upon request, but subject to faculty rules be allowed in any study year to register for additional modules, not required for the curriculum concerned.

G.1.2.1.15 Recognition and exemption of modules

- a) A student who has studied at another recognised higher education institution **or** at this University and who applies to register in a **honours** qualification programme at the University, may apply in writing to the dean for recognition or exemption of modules required for the qualification programme for which the student wishes to register, provided that the dean may grant recognition or exemption for no more than half the credits, preferably regarding the modules in the junior year levels of the qualification programme concerned.
- b) A student who has acquired a qualification from the University **or** any other recognised higher education institution and who applies for registration in a **masters'** programme with taught modules at the University, may apply in writing to the dean concerned for recognition or **exemption of taught modules** required for the qualification programme for which the student wishes to register, provided that the dean may grant recognition or exemption for no more than half the credits allocated to the taught or performing arts modules.
- c) The period of recognition or exemption of modules is five years. Modules older than five years will only be recognized or exempted on merit and after approval by the relevant subject group.
- d) Any registered postgraduate student who wishes to change to another curriculum, may within the framework of the applicable rules apply in writing to the Faculty Board for recognition or exemption of modules already passed and which are included in the new curriculum.

- G.1.2.1.16 Research proposal and title registration for masters and doctoral degrees**
- a) Masters and doctoral students must within nine months after the first registration or six months after completion of the last examination, and in consultation with a possible supervisor present a research proposal and title registration to a body determined by faculty rules for approval, which body formalises the appointment of a supervisor and where necessary co- or assistant supervisors in consultation with the directors having an interest therein.
 - b) If a student fails to present a research proposal in time for approval after due notification, the study may be cancelled.
 - c) If, in any year, a student fails to re-register as student at the time determined in the annual calendar, the Faculty Board may assign the topic of the dissertation/ mini-dissertation or thesis, if already registered, to another student in the same research entity.
- G.1.2.1.17 Classification of dissertations and mini-dissertations and thesis'**
- a) Where a dissertation/mini-dissertation or thesis is classified in terms of Senate policy, effect is given in the examination process to the rules laid down by Senate for the purpose.
- G.1.2.1.18 Upgrade of master's degree study to doctoral study**
- a) A candidate registered for a master's degree study who, in the unanimous opinion of the supervisor concerned, the research director or research entity leader concerned, or where applicable, the school director concerned, has achieved outcomes of a quality and extent acceptable for a doctoral degree, may apply to the Faculty Board concerned to convert the registration for a master's degree to that for a doctoral degree.
 - b) A candidate to whom such a concession is made, must, where applicable, successfully complete the paper component of the Master's degree examination before the thesis may be submitted and must comply with all the rules and requirements set by the University regarding a doctoral degree. The student only receives the doctoral degree after the number of credits for the Master's degree papers, where applicable, has been attained and the minimum period required for the registration of the doctoral degree, has expired.
- G.1.2.1.19 Termination of study**
- a) The dean may, in terms of the faculty rules and on recommendation of the research director or research entity leader concerned, or where applicable, to the school director concerned, cancel or terminate a student's study if the student's progress is inadequate or unsatisfactory during any stage of the study or, after being granted an extended study period, still fails to complete the study.
 - b) A postgraduate student, whose studies have been cancelled or terminated by the faculty, will not be re-admitted to the same programme in any subsequent academic year unless there are exceptional reasons for admission or by motivation of the research director concerned.
 - c) A postgraduate student, whose studies have been cancelled/terminated by the faculty may apply for admission to another study programme within

the University, but should in the application indicate the termination of the previous studies.

G.1.2.1.20 Examiners and moderators for honours degrees

- a) For every non-exit level module there is at least one internal examiner and at least one internal moderator.
- b) Every exit-level module is moderated externally at least every second year by a person or persons with the required qualifications, provided that such a person or persons may not be a staff member or otherwise connected to the University by way of an extraordinary appointment.
- c) The supervisor of an honours mini-dissertation may not be an internal examiner of such a mini-dissertation.

G.1.2.1.21 Appointment of examiners for masters and doctoral students

- a) Concerning the examination of every dissertation/mini-dissertation/thesis or lectured master's degree module, examiners must be appointed by the dean in accordance with the provisions of faculty specifications to conduct the assessment of the student's performance in an examination.
- b) The examination of a module in a taught master's degree is moderated externally unless the module is examined externally.
- c) Study leaders/promoters involved in the study of a student will not be appointed as examiners.
- d) Concerning the examination of every dissertation/mini-dissertation or thesis at least three (3) examiners will be appointed. Not more than (2) two independent internal examiners will be appointed. In the case of a thesis, a minimum of (2) two external examiners will be appointed.
- e) Examiners will be cleared of any conflict of interest before appointment.
- f) External examiners appointed for a student will not be associated to the same institution.
- g) Examiners will as a minimum requirement be in possession of an equivalent qualification.
- h) Examiners may not have been involved in any manner in the supervision of the student.
- i) Appointment of recurring examiners will be avoided.
- j) Names of examiners are confidential and are not made known to the candidate without the permission of the examiners concerned.

G.1.2.1.22 Submission of dissertation or mini-dissertation or thesis for examination

- a) A dissertation/mini-dissertation or thesis should be submitted for examination before or on the date annually determined by the University for the relevant year.
- b) A postgraduate student, who is dissatisfied with any aspect of study guidance by a supervisor or promoter, can raise such dissatisfaction in writing to the research director/-leader for resolving in consultation with the dean. The research director/-leader must respond to the student in

writing before a dissertation/mini-dissertation or thesis is submitted for examination.

- c) The physical form and number of copies of a dissertation/mini-dissertation or thesis to be submitted for examination, and/or after successful examination be submitted for safekeeping, are determined in consultation with Higher Degrees Administration.
- d) Where the supervisor withholds permission for the submission for examination of a dissertation/mini-dissertation or thesis, the relevant research director or research entity leader, may after consultation with the supervisor and the student, recommend the granting of leave for submission.
- e) A dissertation/ mini-dissertation or thesis must comply with the technical requirements provided for in the Academic Rules of the University, faculty rules and/or requirements by the entity.
- f) With submission of a dissertation or mini-dissertation in the traditional format, faculty rules does not regulate that a research article should be submitted to an accredited journal.
- g) With submission of a thesis in the traditional format, faculty rules define that **at least one (1) research article** must be submitted to an accredited journal. Proof of submission of the article must be bound with the thesis. The maximum number of articles to be submitted will be determined by the Academic rules of the University as well as the requirements of the relevant research entity.
- h) Where a masters or doctoral candidate is allowed to submit a dissertation/mini-dissertation or thesis in the article format and one or more than one such article or manuscript is used, the dissertation or mini-dissertation or thesis must still be presented as a unit, supplemented with an inclusive problem statement, a focused literature analysis and integration and with a synoptic conclusion, and the guidelines of the journal concerned must also be included.
- i) After a dissertation/mini-dissertation or thesis has been submitted for examination, the document may not be withdrawn.
- j) Supervisors/promoters do not communicate or negotiate with examiners about the examination after the examination copies of the dissertation/mini-dissertation or thesis have been dispatched to the examiners.
- k) Any conflict of interest concerning examiners which became known afterwards will be reported to the dean. The dean will appoint other examiners in order to ensure that a fair and objective academic result is obtained.
- l) Where any research article or manuscript and/or internationally examined patent is used for the purpose of a dissertation/mini-dissertation or thesis in article format to which other authors and/or inventors than the candidate contributed, the candidate must obtain a written statement from each co-author and/or co-inventor in which it is stated that such co-author and/or co-inventor grants permission that the research article or manuscript and/or patent may be used for the stated purpose and in

which it is further indicated what each co-author's and/or co-inventor's share in the relevant research article or manuscript and/or patent was.

- m) Where co-authors or co-inventors were involved, the candidate must mention it in the preface and must include the statement of each co-author or co-inventor in the dissertation/mini-dissertation or thesis immediately following the preface.

G.1.2.1.23 Requirements for admission to examination (Honours degrees)

- a) An honours student, who achieved the required participation mark or proof of participation prescribed in the requirements of each programme, is admitted to the examination in the module concerned.
- b) Pass requirements for every honours curriculum and module, inclusive of the ratio in which the assessment methods applicable to a specific module or group of modules in the faculty are combined to determine whether it has been completed successfully, are provided for in the requirements of the programme concerned.
- c) An honours degree is passed with distinction if a final mark of at least 75% average is obtained in all examined elements of the degree.

G.1.2.1.24 Examination opportunities (Honours and lectured masters degrees)

- a) If a module is failed completely, the student must repeat the full module except where faculty rules specify otherwise.
- b) A student who fails one or more of the modules of an honours or lectured master's degree in an examination shall be granted a second examination opportunity in the module(s) concerned, except where faculty rules provide otherwise.
- c) A student may, within the maximum period allowed for the study, repeat examination papers once in modules not exceeding 25% of the curriculum concerned.
- d) A student who, after making use of all the ordinary examination opportunities, passed all the modules required in an honours-/lectured master's programme except one, may apply to the dean for a final assessment opportunity in the outstanding lectured module, for which payment of the required amount, but not registration, is required. All specifications in this yearbook shall be considered beforehand.

G.1.2.1.25 Examination (Masters and doctoral degrees)

- a) Concerning the examination for the purpose of attainment of a master's degree, the following may be required:
- a dissertation only, or
 - one or more examination papers and a dissertation, or
 - one or more examination papers and a mini-dissertation, or
 - a series of manuscripts in article format

- b) Concerning the examination regarding the attainment of a doctoral degree the following may be required:
- a thesis, or
 - a series of manuscripts in article format, or
 - a patent, or
 - a colloquium that may be required for the defence of the thesis.
- c) Each examiner separately submits a written report on the dissertation/mini-dissertation or thesis to Higher Degrees Administration, who will submit the reports to the faculty.
- d) All final results will be approved by the Dean and confirmed by the Faculty Board where after the student can be informed of the final result.
- e) With regard to a dissertation/mini-dissertation or thesis, an examiner may recommend the following:
- accept unconditionally (option 1);
 - accept on condition that specified corrections be made (option 2);
 - refer back to the candidate for revision and/or elaboration and resubmission for re-examination (option 3);
 - not accepted, in which case the candidate fails (option 4)
- f) The dean may in consultation with the research director or research entity leader concerned, or where applicable, the school director concerned, clarify anything that is not clear in an examiner's report with examiners.
- g) Where examiners are unanimous about a student's passing the decision is final.
- h) Where examiners differ materially about the evaluation of a dissertation/mini-dissertation or thesis, a postgraduate examination committee will be summoned by the dean to evaluate all reports. The dean may on recommendation of the committee, appoint an additional external examiner or examiners, or takes other discretionary steps that may be necessary to ensure that a fair and academically defensible examination result is obtained.
- i) Any comments that arise from the inspection must, within 14 calendar days after the date of the notice of availability for inspection be submitted to the dean concerned. The dean must request the relevant faculty structure to evaluate the comments along with the examiner reports, and if such comments on merit appears to be fundamentally different from the reports of the examiners, must appoint an external expert who must specifically evaluate the comments received in relation to the examiner reports, and whose recommendation must be taken into account by the relevant faculty structure.
- j) Pass requirements for dissertations/mini-dissertations and lectured master's degree modules is 50% unless specified otherwise in this yearbook.
- k) A module, mini-dissertation or dissertation is passed with distinction where, at the examination thereof an average of at least 75% is awarded.

- l) If a candidate achieves a **final mark** of 73.555% the dean will adjust the mark to 75% (pass with distinction) unless he/she is of the opinion that the quality of the study does not meet the requirements of a distinction.
- m) A student who fails any lectured master's degree module(s) after a second or additional examination opportunity must repeat such module(s) in full in the following academic year before the qualification will be awarded, on condition that such modules should not exceed 25% of the curriculum concerned. This rule is subject to specific requirements for each qualification programme as indicated in this calendar.
- n) A dissertation/mini-dissertation or thesis may only be referred back to a candidate once and after revision be re-submitted for examination. Where a dissertation/mini-dissertation or thesis is referred back to a candidate, the re-submission must take place within one year after the result was made known to the candidate; unless the dean is convinced that valid reasons for an extension exist.
- o) A revised or elaborated dissertation/mini-dissertation or thesis will only be submitted for re-examination to the examiner(s) by whom it was referred back for revision, unless immense adjustments were made. Other examiners will be informed of the resubmission and given a choice for re-examination or to abide by the previous evaluation.
- p) A postgraduate student, not awarded any degree after examination, may in case of dissatisfaction with any aspect with the procedures followed during the examination process of the dissertation/mini-dissertation or thesis concerned, submit a written notice to the dean who will deal with the complaint in consultation with the research director/-leader and study leader/promoter. Once all avenues to dispense with the dissatisfaction are exhausted, the student can declare a dispute with the University.
- q) A postgraduate student who failed may only once apply for re-admission to the same qualification programme on condition that a new research proposal is submitted and that funds and capacity are available in the research entity.

G.1.2.1.26 Attainment of the degree

- a) The honours degree is attained when a student has passed in the examination of all the modules prescribed in faculty rules for the curriculum concerned. The honours degree is conferred with distinction where the student completes the degree in the minimum period and obtained a weighted average of 75% in all the core-modules.
- b) The master's degree is attained when a student has passed in the examination of all the modules, mini-dissertation and/or dissertation prescribed in faculty rules for the curriculum concerned. The degree is passed with distinction where a weighted average of at least 75% is achieved in all the elements examined.
- c) The doctoral degree is attained when a student complies with all the requirements prescribed therefor in faculty rules.

G.1.2.1.27 Publications (dissertations/ mini-dissertations and theses)

- a) The University is the owner of all intellectual property that may be created in the course of the study, which includes, but is not limited to intellectual property referred to in the Intellectual Property Rights from Publicly Financed Research and Development Act, 51 of 2008 and the regulations promulgated there under.
- b) The University is entitled to physically or electronically multiply and distribute or make available any dissertation or mini-dissertation in the final form submitted by the candidate.
- c) Where the University publishes or causes a dissertation/ mini-dissertation or thesis to be published other than in its original form, the candidate is acknowledged as the first author, except where substantial processing of the text was undertaken with the candidate's permission in writing for the purpose of its publication; provided that, six months after acceptance of the dissertation or mini-dissertation, and the candidate, after notification, not having undertaken publication, such publication may be undertaken without the written permission, but with citation of the name, of the candidate.
- d) A candidate may not publish or otherwise distribute or have the dissertation/ mini-dissertation or thesis published or distributed otherwise without the previously obtained written permission of the vice-rector responsible for research concerned. Such permission, if granted, may be subject to such terms and conditions as the Vice-Rector may determine.
- e) At the publication of a dissertation/ mini-dissertation or thesis or a part or a summary or an adaptation thereof by the candidate, it must be mentioned that it is the result of a masters or doctoral degree study at the University and the name or names of the supervisor(s) or promoter(s) must be cited.

G.1.3 WARNING AGAINST PLAGIARISM

The Institutional Policy regarding the management of plagiarism and Turn-it-in apply as well as the Code of Conduct and Ethical code of the University. Appropriate disciplinary action will be taken against students who make themselves guilty of plagiarism.

For further details see:

http://www.nwu.ac.za/sites/www.nwu.ac.za/files/files/i-governance-management/policy/2P-2.4.3.2_plagiarism%20and%20dishonesty_e.pdf

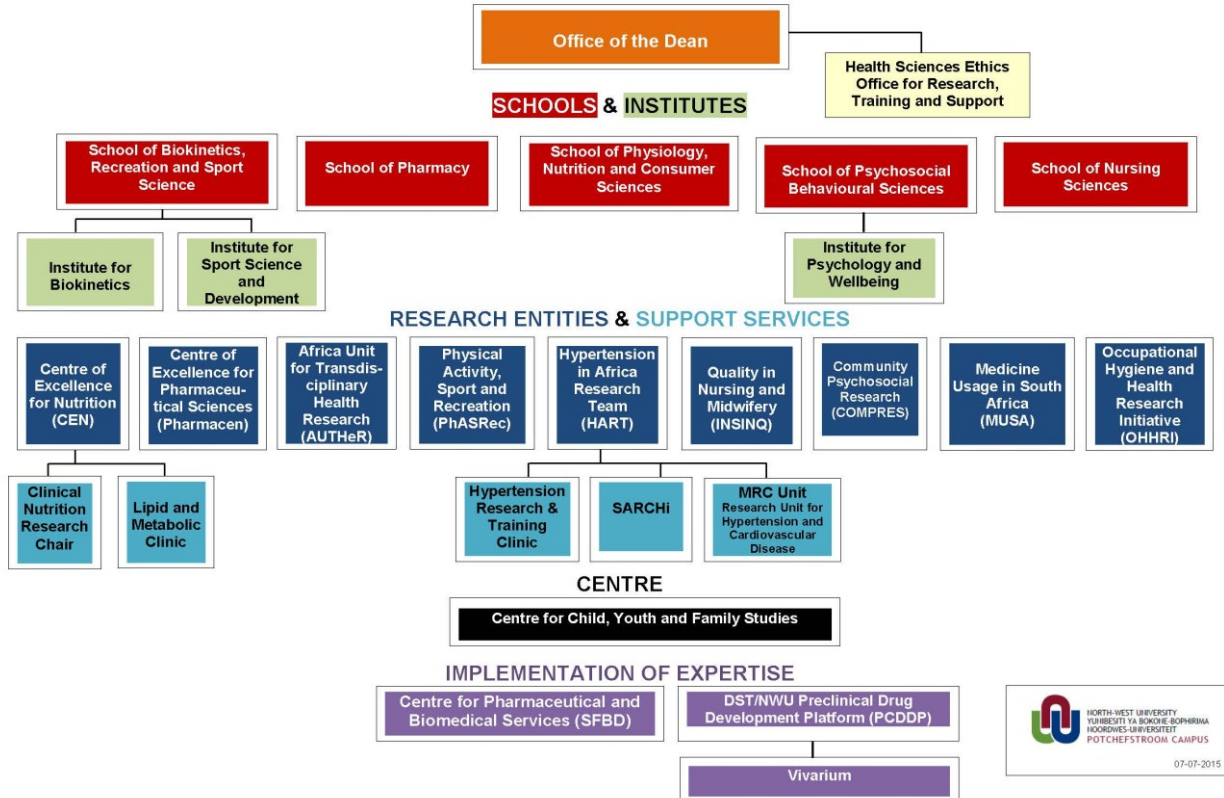
G.1.4 CAPACITY STIPULATION

Please take cognizance of the fact that, owing to specific capacity constraints, the University reserves the right to select candidates for admission to certain fields of study. This means that prospective students who comply with the minimum requirements may not necessarily be admitted to the relevant courses.

G.1.5 STRUCTURES IN THE FACULTY

Research and training in master's and doctor's degrees in the five schools of the Faculty of Health Sciences are structured in research entities, focus- and niche areas. At the head of every research entity is a research director or niche area leader. They are supported by the directors of schools and the staff of the different subject groups.

FACULTY OF HEALTH SCIENCES



G.1.6 QUALIFICATIONS, PROGRAMMES AND CURRICULA

Various qualifications can be obtained in the Faculty of Health Sciences. A qualification is presented in one or more programmes. Every programme has one or more curricula, consisting of a number of prescribed modules. Information on the Rules of the different qualifications, programmes and curricula is given in this calendar.

The University may confer the following postgraduate degrees in the Faculty of Health Sciences:

Qualification	Programme and code	Curriculum and code	Mode of delivery	NQF-Level
Honours degrees:				
Honours Bachelor of Arts (Hons BA)	Recreation Science: 102161	Recreation Science: G607P	Fulltime	8
Honours Bachelor of Arts (Hons BA)	Biokinetics: 102165	Biokinetics: G601P	Fulltime	8
Honours Bachelor of Arts (Hons BA)	Kinderkinetics: 102166	Kinderkinetics: G602P	Fulltime	8
Honours Bachelor of Arts (Hons BA)	Sport Science: 102167	Sport Science: G603P	Fulltime	8
Honours Bachelor of Arts (Hons BA)	Psychology: 102162	Psychology G639P	Fulltime	8
Honours Bachelor of Science (Hons BSc)	Biokinetics: 202150	Biokinetics G601P	Fulltime	8
Honours Bachelor of Science (Hons BSc)	Kinderkinetics: 202151	Kinderkinetics: G602P	Fulltime	8
Honours Bachelor of Science (Hons BSc)	Sport Science: 202152	Sport Science: G603P	Fulltime	8
Honours Bachelor of Science (Hons BSc)	Physiology: 202131	Physiology: G624P	Fulltime / Part-time	8
Honours Bachelor of Science (Hons BSc)	Nutrition: 202132	Nutrition: G627P	Fulltime / Part-time	8
Honours Bachelor of Science (Hons BSc)	Psychology: 202133	Psychology: G628P	Fulltime	8
Honours Bachelor in Consumer Sciences	835100	Consumer Sciences: G630P	Fulltime / Part-time	8

Masters degrees:				
Qualification	Programme and code	Curriculum and code	Mode of delivery	NQF-Level
Master of Arts (MA)	Recreational Science: 103182	Recreational Science: G815P	Fulltime / Part-time	9
Master of Arts (MA)	Biokinetics: 103191	Biokinetics: G801P	Fulltime / Part-time	9
Master of Arts (MA)	Kinderkinetics: 103192	Kinderkinetics: G802P	Fulltime / Part-time	9
Master of Arts (MA)	Sport Science: 103193	Sport Science: G803P	Fulltime / Part-time	9
Master of Arts (MA)	Psychology: 103181	Psychology: G801P	Fulltime / Part-time	9
Master of Arts (MA) SAQA 90848	Positive Psychology: 103195	Positive Psychology: G801P	Fulltime / Part-time	9
Master of Arts (MA)	Clinical Psychology: 103183	Clinical Psychology: G802P	Fulltime	9
Master of Arts (MA)	Counselling Psychology: 103184	Counselling Psychology: G802P	Fulltime	9
Master of Arts (MA)	Research Psychology: 103185	Research Psychology: G801P	Fulltime	9
Master of Science (MSc)	Biokinetics: 203195	Biokinetics: G801P	Fulltime / Part-time	9
Master of Science (MSc)	Kinderkinetics: 203196	Kinderkinetics: G802P	Fulltime / Part-time	9
Master of Science (MSc)	Sport Science: 203197	Sport Science: G803P	Fulltime / Part-time	9
Master of Science (MSc)	Pharmaceutical Chemistry: 203184	Pharmaceutical Chemistry: G801P	Fulltime	9
Master of Science (MSc)	Pharmacology: 203185	Pharmacology: G801P	Fulltime	9
Master of Science (MSc)	Pharmaceutics: 203186	Pharmaceutics: G801P	Fulltime	9
Master of Science (MSc)	Occupational Hygiene: 203160	Occupational Hygiene: G851P	Fulltime	9
Master of Science (MSc)	Nutrition: 203166	Nutrition (Mini-dissertation):	Fulltime / Part-time	9

Qualification	Programme and code	Curriculum and code	Mode of delivery	NQF-Level
		G870P		
Master of Science (MSc)	Nutrition: 203166	Nutrition (Dissertation): G871P	Fulltime / Part-time	9
Master of Science (MSc)	Dietetics: 203169	Dietetics (Mini-dissertation): G851P	Fulltime / Part-time	9
Master of Science (MSc)	Dietetics: 203169	Dietetics (Dissertation): G875P	Fulltime / Part-time	9
Master of Science (MSc)	Physiology: 203171	Physiology: G855P	Fulltime	9
Master of Science (MSc)	Clinical Psychology: 203176	Clinical Psychology: G802P	Fulltime	9
Master of Science (MSc)	Counselling Psychology: 203177	Counselling Psychology: G802P	Fulltime	9
Master of Science (MSc)	Research Psychology: 203165	Research Psychology: G801P	Fulltime	9
Master of Pharmacy (MPharm) Phasing out in 2015	Pharmacy Practice: 803104	Pharmacy Practice: G801P	Fulltime / Part-time	9
Master of Pharmacy (MPharm)	Pharmacy Practice: 803104	Pharmacy Practice: G802P	Fulltime / Part-time	9
Master of Pharmacy (MPharm) SAQA 90675	Advanced Clinical Pharmacy 803105	Advanced Clinical Pharmacy G801P	Fulltime / Part-time	9
Master of Consumer Sciences (MCons)	836100	Consumer Sciences G880P	Fulltime / Part-time	9
Master of Social Work (MSW)	Social Work 113104	Social Work: G801P	Fulltime / Part-time	9
Master of Social Work (MSW)	Child Protection: 113108	Child Protection: G803P	Fulltime / Part-time	9
Master of Social Work (MSW)	Forensic Practice: 113109	Forensic Practice: G801P	Fulltime / Part-time	9
Master of Social Work (MSW) Phasing out in 2015	Play Therapy 113110	Play Therapy G801P	Fulltime / Part-time	9

Qualification	Programme and code	Curriculum and code	Mode of delivery	NQF-Level
Master of Nursing Science (MCur)	833100	Community Nursing Science: G830P	Fulltime / Part-time	9
Master of Nursing Science (MCur)	833100	Health Service Management: G831P	Fulltime / Part-time	9
Master of Nursing Science (MCur)	833100	Health Science Education: G832P	Fulltime / Part-time	9
Master of Nursing Science (MCur)	833100	Professional Nursing: G833P	Fulltime / Part-time	9
Master of Nursing Science (MCur)	833100	Psychiatric Nursing Science: G834P	Fulltime / Part-time	9
Master of Nursing Science (MCur)	833100	Midwifery and Neonatal Nursing Science: G835P	Fulltime / Part-time	9
Master of Nursing Science (MCur)	833100	Nursing Science: G836P	Fulltime / Part-time	9
Master of Health Sciences in Transdisciplinary Health Promotion (MHSc) SAQA 91930	862100	Transdisciplinary Health Promotion: G801P	Fulltime / Part-time	9
Master of Health Sciences in Gerontology (MHSc) SAQA 93997	862 101	Gerontology: G801P	Fulltime / Part-time	9

Qualification	Programme and code	Curriculum and code	Mode of delivery	NQF-Level
Doctorates:				
Doctor of Philosophy (PhD)	Human Movement Sciences: 805109	Human Movement Sciences: G925P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Recreation Science: 805111	Recreation Science: G935P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Pharmaceutical Chemistry: 805116	Pharmaceutical Chemistry: G910P	Fulltime	10
Doctor of Philosophy (PhD)	Pharmaceutics: 805117	Pharmaceutics: G911P	Fulltime	10
Doctor of Philosophy (PhD)	Pharmacology: 805118	Pharmacology: G912P	Fulltime	10
Doctor of Philosophy (PhD)	Pharmacy Practice: 805119	Pharmacy Practice: G913P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Occupational Hygiene: 805104	Occupational Hygiene: G901P	Fulltime / part-time	10
Doctor of Philosophy (PhD)	Dietetics: 805105	Dietetics: G905P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Physiology: 805107	Physiology: G915P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Consumer Sciences: 805112	Consumer Sciences: G940P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Nutrition: 805114	Nutrition: G960P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Social Work: 805108	Social Work: G921P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Psychology: 805110	Psychology: G931P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Nursing Science: 805113	Community Nursing Science: G950P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Nursing Science: 805113	Health Service Management: G951P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Nursing Science: 805113	Health Science Education: G952P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Nursing Science: 805113	Professional Nursing Science: G953P	Fulltime / Part-time	10

Qualification	Programme and code	Curriculum and code	Mode of delivery	NQF-Level
Doctorates:				
Doctor of Philosophy (PhD)	Nursing Science: 805113	Psychiatric Nursing Science: G954P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Nursing Science: 805113	Midwifery and neonatal Nursing Science: G955P	Fulltime / Part-time	10
Doctor of Philosophy (PhD)	Nursing Science: 805113	Nursing Science: G956P	Fulltime / Part-time	10

POSTGRADUATE DIPLOMAS				
Qualification	Programme and code	Curriculum and code	Mode of delivery	NQF-Level
Postgraduate Diploma Midwifery & Neonatal Nursing Science	Midwifery & Neonatal Nursing Science 844100	Midwifery & Neonatal Nursing Science G501P	Part-time	8
Postgraduate Diploma in Pharmacological Principles of Drug Therapy SAQA 88902	Pharmacological Principles of Drug Therapy: 847100	Pharmacological Principles of Drug Therapy G501P	Distance learning	8
Advanced University Diploma in Health Science	Community Nursing 837100	Community Nursing (one year) G511T		7
Advanced University Diploma in Health Science	Health Science Education 837101	Health Science Education (One year) G512T		7
Advanced University Diploma in Health Science	Health Service Management 837102	Health Services Management (One Year) G513T		7
Advanced University Diploma in Health Science	Clinical Nursing Science, Health Assessment, Treatment and Care 837103	Clinical Nursing Science, Health Assessment, Treatment and Care (One Year) G515T		7

G.1.7 RULES FOR THE DEGREE HONOURS BACHELOR OF ARTS

G.1.7.1 Duration (minimum and maximum)

The minimum duration of the study is **one year** and the maximum duration is **two years**.

G.1.7.2 Admission and selection requirements of the programme

The honours degree follows a three- or four year qualification or after the status of a Bachelor's degree is acquired.

G.1.7.3 Additional requirements and faculty specific rules

Faculty specific admission requirements with regard to the different programmes presented in this faculty are outlined in the programme information in this calendar.

G.1.7.4 Programme: Recreational Science

Qualification code: 102 161 (F) (Recreational Science)

The programme is presented on a fulltime basis and the closing date for applications is 31 July.

G.1.7.4.1 Admission and selection requirements of the programme

- a) General admission requirements of the University hold.
- b) Prospective students must complete a formal selection application form at the school, which will be evaluated by a selection panel.
- c) Initial academic selection takes place in which the marks for the RKKX-modules in each year of study up to and including that of the 1st semester in the 3rd year must be above 60%.
- d) Selection takes place during August /September each year.
- e) Final selection is subject to approval by the school director.

G.1.7.4.2 Additional requirements and faculty specific rules

Practical work as stipulated by the program leader and school director will be required from the student.

G.1.7.4.3 Curriculum G607P: Recreational Science

G.1.7.4.3.1 Curriculum outcomes

After the recreation science programme has been completed, students should be able to:

- a) Combine critical and creative thinking in the use of science, research and technology with sound and systematic theoretical expertise (models, theories, etc.);
 - 1) demonstrate skills and values as entrepreneurs or employees in the field of recreation provision or adventure therapy through integrated

projects (case studies/scenario's) in order to identify and solve known and unknown problems; and

- 2) Demonstrate added competencies in community involvement.

G.1.7.4.3.2 Compilation of curriculum: Recreational Science

Qualification- and programme code: 102 161; **Curriculum code:** G607P

Module code	Descriptive name	Credits
MBWK681	Applied Research Methodology and Mini-dissertation	32
MBWK686	Child Welfare and Health Promotion	16
RKKX673	Recreation Practice Management	16
RKKX677	Therapeutic recreation	24
RKKX678	Advanced Facilitation	16
RKKX679	Leisure Programming	16
RKKX681	Applied Recreation Management	24
Total credits for the curriculum		144

G.1.7.5 Programme: Biokinetics

Qualification code: 102 165 (F) (Biokinetics)

The curricula composed for this programme are of an academic and practical nature. In composing the curriculum, consideration was given to career possibilities and the manpower needs of the country. These curricula prepare the student for further postgraduate study in Biokinetics.

The programme is presented on a fulltime basis and the closing date for applications is 31 July.

G.1.7.5.1 Admission and selection requirements of the programme

- a) General admission requirements of the University hold.
- b) Prospective students must complete a selection application at the school, which will be evaluated by a selection panel.
- c) Initial academic selection takes place in which the marks for the HMS-modules in each year of study up to and including that of the 1st semester in the 3rd year must be above 65%.
- d) Proof of at least 20 hours practical exposure in a registered Biokinetics practice will be required.
- e) Selection takes place during August /September each year.
- f) Final selection is subject to approval by the school director.

G.1.7.5.2 Curriculum G601P: Biokinetics

G.1.7.5.2.1 Curriculum outcomes

After completion of the curriculum the student should demonstrate extensive and systematic knowledge, understanding and skills as entrepreneur in private practice or established institutions to prescribe scientifically based exercise programmes for clients with a view to promoting health and quality of life, or prescribe programmes to make rehabilitation of a clinical condition possible where physical exercise is indicated as treatment modality. The graduate will also be able to undertake appropriate research in an ethical and responsible

manner, gather, analyse and evaluate data and interpret results and communicate them in writing and orally to an audience of peers.

G.1.7.5.2.2 Compilation of curriculum: Biokinetics

Qualification and programme code: 102 165; **Curriculum code:** G601P

Module code	Descriptive name	Credits
MBWK681	Applied Research Methodology and Mini-dissertation	32
MBWB681	Biokinetics: Orthopaedics	32
MBWB682	Biokinetics: Clinical	32
MBWB683	Biokinetics: Theory/Health	32
MBWB684	Biokinetics: Professional Internship	32
Total credits for the curriculum		160

G.1.7.6 Programme: Kinderkinetics

Qualification code: 102 166 (F) (Kinderkinetics)

The curricula composed for this programme are of an academic and practical nature. In composing the curriculum, consideration was given to career possibilities and the manpower needs of the country. These curricula prepare the student for further postgraduate study in Kinderkinetics.

The programme is presented on a fulltime basis and the closing date for applications is 31 July.

G.1.7.6.1 Admission and selection requirements of the programme

- a) General admission requirements of the University hold.
- b) Prospective students must complete a selection application at the school, which will be evaluated by a selection panel.
- c) Initial academic selection takes place in which the marks for the HMS-modules in each year of study up to and including that of the 1st semester in the 3rd year must be above 60%.
- d) Proof of at least 20 hours practical exposure in a registered Kinderkinetics practice/proof of working with children by using movement programs will be required.
- e) Candidates must further submit proof of certification in swimming and gymnastics coaching course.
- f) Selection takes place during August /September each year.
- g) Final selection is subject to approval by the school director.

G.1.7.6.2 Curriculum G602P: Kinderkinetics

G.1.7.6.2.1 Curriculum outcomes

After completing this curriculum a student should be able to demonstrate an extensive knowledge, understanding and skills in order to successfully handle Kinderkinetics in practice. The graduate will be able to maintain a professional identity and plan and manage an own Kinderkinetics practice. The graduate will also be qualified to undertake appropriate research, gather, analyse and evaluate data and interpret the results in order to communicate these in writing and orally to an audience of peers.

G.1.7.6.2.2 **Compilation of curriculum: Kinderkinetics**

Qualification and programme code: 102 166; **Curriculum code:** G602P

Module code	Descriptive name	Credits
MBWK681	Applied Research Methodology and Mini-dissertation	32
MBWK682	Kinderkinetics Theory	32
MBWK683	Applied Kinderkinetics Practical	24
MBWK684	Professional Internship	24
MBWK685	Applied Exercise Physiology	16
MBWK686	Child Welfare and Health Promotion	16
Total credits for the curriculum		144

G.1.7.7 **Programme: Sport Science**

Qualification code: 102 167 (F) (Sport Science)

The curricula composed for this programme are of an academic and practical nature. In composing the curriculum, consideration was given to career possibilities and the manpower needs of the country. These curricula prepare the student for further postgraduate study in Sport Science.

The programme is presented on a fulltime basis and the closing date for applications is 31 July.

G.1.7.7.1 **Admission and selection requirements of the programme**

- a) General admission requirements of the University hold.
- b) Prospective students must complete a selection application at the school, which will be evaluated by a selection panel.
- c) Initial academic selection takes place in which the marks for the HMS-modules in each year of study up to and including that of the 1st semester in the 3rd year must be above 60%.
- d) Proof of practical exposure/ involvement with a recognized Sport Scientist will be required.
- e) Student must further submit proof of coaching certification in at least 2 sports of which one should be a team sport and one an individual sport.
- f) Selection and takes place during August /September each year.
- g) Final selection is subject to approval by the school director.

G.1.7.7.2 **Curriculum G603P: Sport Science**

G.1.7.7.2.1 **Curriculum outcomes**

After completing this curriculum the student should be able to demonstrate an extensive knowledge, understanding and skills in Sport Science by determining and developing the sport performance potential of sport participants and prospective participants. The graduate will also be able to undertake appropriate research, gather, analyse and evaluate information and data and interpret results and communicate them in writing and orally to an audience of peers.

G.1.7.7.2.2 **Compilation of the curriculum: Sport Science**

Qualification and programme code: 102 167; **Curriculum code:** G603P

Module code	Descriptive name	Credits
MBWK681	Applied Research Methodology and Mini-dissertation	32
MBWS682	Applied Sport Physiology	32
MBWS683	Applied Biomechanics	16
MBWS684	Applied Sport Psychology	16
MBWS685	Sport Science Internship	24
MBWS686	Sport Science Practice	24
Total credits for the curriculum		144

G.1.7.8 **Programme: Psychology**

Qualification code: 102 162 (F) (Psychology)

The curricula composed for this programme are of an academic nature. In composing the curricula, consideration was given to career possibilities and the manpower needs of the country. These curricula prepare the student for further postgraduate study in Psychology.

The programme is presented on a fulltime basis and the closing date for applications is 16 September.

G.1.7.8.1 **Admission and selection requirements of the programme**

- Candidates should be in possession of an applicable Bachelor's degree with third year Psychology or should have passed third year level with Development Psychology and Psychopathology (undergraduate) as part of a curriculum, as well as an average of 65% in all Psychology modules.
- An academic selection takes place according to the criteria as determined by the school, where an average of 65% in Psychology is set as minimum criteria during the first B-degree. The complete academic record is however taken into consideration but the department holds the decision to change the minimum criteria depending on the number of applications;
- If a candidate is enrolled for another qualification at the time of selection, selection will only be provisional and may be cancelled by the department if the aforementioned qualification is not completed at the end of the academic year.

G.1.7.8.2 **Additional requirements and faculty specific rules**

An examination sub-minimum of 50% is required for all Psychology modules in the honours programme.

G.1.7.8.3 **Curriculum G639P: Psychology**

G.1.7.8.3.1 **Curriculum outcomes**

After completion of this programme students should be able to:

- demonstrate a comprehensive and systematic knowledge of psychometrics, psychological evaluation, psychopathology, basic

- intervention and counselling techniques, including programme development and programme presentation;
- b) do a critical evaluation of existing knowledge concerning theories, research methods, techniques and technology in psychology, and apply that knowledge to various contexts;
 - c) diagnose psychological pathology in individuals, groups and communities, design basic intervention programmes and apply them in various socio-cultural circumstances;
 - d) obtain, analyse and interpret relevant information concerning individuals, groups and communities, and communicate the information, either individually or as a member of a group, by writing reports, doing assignments, or reporting orally;
 - e) reflect on the impact of the study material on the self as a person and as a future care giver; and
 - f) Observe, at all times, an ethical, professional and value-based code of conduct in all modes of communication and association with individuals and groups.

G.1.7.8.3.2 **Compilation of the curriculum: Psychology**

Qualification and programme code: 102 162; **Curriculum code:** G639P

Module code	Descriptive name	Credits
PSYH611	Psychological evaluation.	16
PSYH612	Community psychology: Theory	8
PSYH613	Applied positive psychology	16
PSYH621	Intervention techniques	16
PSYH622	Theoretical perspectives on rendering help	16
PSYH623	Child and adolescent psychology	16
PSYH671*	Research and ethics: Theory and practice	40
PSYH672*	Psychopathology	16
STTN111	Descriptive statistics	12
STTN124	Practical statistics	12
Total credits for curriculum		168

* Year modules

G.1.8 RULES FOR THE DEGREE HONOURS BACHELOR OF SCIENCE

G.1.8.1 Duration (minimum and maximum)

The minimum duration of the study is **one year** and the maximum duration **two years**.

G.1.8.2 Admission requirements of the programme

The Honours degree follows a three- or four year qualification or after the status of Bachelor's degree is acquired

G.1.8.3 Faculty specific admission requirements

Faculty specific admission requirements with regard to the different programmes presented in this faculty are outlined in the programme information in this calendar.

G.1.8.4 Programme: Biokinetics

Qualification code: 202 150 (F) (Biokinetics)

The curricula composed for this programme are of an academic and practical nature. In composing the curriculum, consideration was given to career possibilities and the manpower needs of the country. These curricula prepare the student for further postgraduate study in Biokinetics.

The programme is presented on a fulltime basis and the closing date for applications is 31 July.

G.1.8.4.1 Admission and selection requirements of the programme

- a) General admission requirements of the University hold.
- b) Prospective students must complete a selection application at the school, which will be evaluated by a selection panel.
- c) Initial academic selection takes place in which the marks for the HMS-modules in each year of study up to and including that of the 1st semester in the 3rd year must be above 65%.
- d) Proof of at least 20 hours practical exposure in a registered Biokinetics practice will be required.
Selection takes place during August /September each year.
- e) Final selection is subject to approval by the school director.

G.1.8.4.2 Curriculum G601P: Biokinetics

G.1.8.4.2.1 Curriculum outcomes

After completion of the curriculum the student should demonstrate extensive and systematic knowledge, understanding and skills as entrepreneur in private practice or established institutions to prescribe scientifically based exercise programmes for clients with a view to promoting health and quality of life, or prescribe programmes to make rehabilitation of a clinical condition possible where physical exercise is indicated as treatment modality. The graduate will also be able to undertake appropriate research in an ethical and responsible

manner, gather, analyse and evaluate data and interpret results and communicate them in writing and orally to an audience of peers.

G.1.8.4.2.2 **Compilation of curriculum: Biokinetics**

Qualification and programme code: 202 150; **Curriculum code:** G601P

Module code	Descriptive name	Credits
MBWK681	Applied Research Methodology and Mini-dissertation	32
MBWB681	Biokinetics: Orthopaedics	32
MBWB682	Biokinetics: Clinical	32
MBWB683	Biokinetics: Theory/Health	32
MBWB684	Biokinetics: Professional Internship	32
Total credits for the curriculum		160

G.1.8.5 **Programme: Kinderkinetics**

Qualification code: 202 151 (F) (Kinderkinetics)

The curricula composed for this programme are of an academic and practical nature. In composing the curriculum, consideration was given to career possibilities and the manpower needs of the country. These curricula prepare the student for further postgraduate study in Kinderkinetics.

The programme is presented on a fulltime basis and the closing date for applications is 31 July.

G.1.8.5.1 **Admission and selection requirements of the programme**

- a) General admission requirements of the University hold.
- b) Prospective students must complete a selection application at the school, which will be evaluated by a selection panel.
- c) Initial academic selection takes place in which the marks for the HMS-modules in each year of study up to and including that of the 1st semester in the 3rd year must be above 60%.
- d) Proof of at least 20 hours practical exposure in a registered Kinderkinetics practice/proof of working with children by using movement programs will be required.
- e) Candidates must further submit proof of certification in swimming and gymnastics coaching courses.
- f) Selection takes place during August /September each year.
- g) Final selection is subject to approval by the school director.

G.1.8.5.2 **Curriculum G602P: Kinderkinetics**

G.1.8.5.2.1 **Curriculum outcomes**

After completing this curriculum a student should be able to demonstrate an extensive knowledge, understanding and skills in order to successfully handle Kinderkinetics in practice. The graduate will be able to maintain a professional identity and plan and manage an own Kinderkinetics practice. The graduate will also be qualified to undertake appropriate research, gather, analyse and

evaluate data and interpret the results in order to communicate these in writing and orally to an audience of peers.

G.1.8.5.2.2 Compilation of curriculum: Kinderkinetics

Qualification and programme code: 202 151; **Curriculum code:** G602P

Module code	Descriptive name	Credits
MBWK681	Applied Research Methodology and Mini-dissertation	32
MBWK682	Kinderkinetics Theory	32
MBWK683	Applied Kinderkinetics Practical	24
MBWK684	Professional Internship	24
MBWK685	Applied Exercise Physiology	16
MBWK686	Child Welfare and Health Promotion	16
Total credits for the curriculum		144

G.1.8.6 Programme: Sport Science

Qualification code: 202 152 (F) (Sport Science)

The curricula composed for this programme are of an academic and practical nature. In composing the curriculum, consideration was given to career possibilities and the manpower needs of the country. These curricula prepare the student for further postgraduate study in Sport Science.

The programme is presented on a fulltime basis and the closing date for applications is 31 July.

G.1.8.6.1 Admission and selection requirements of the programme

- a) General admission requirements of the University hold.
- b) Prospective students must complete a selection application at the school, which will be evaluated by a selection panel.
- c) Initial academic selection takes place in which the marks for the HMS-modules in each year of study up to and including that of the 1st semester in the 3rd year must be above 60%.
- d) Proof of practical exposure/ involvement with a recognized Sport Scientist will be required.
- e) Students must further submit proof of coaching certification in at least 2 sports of which one should be a team sport and one an individual sport.
- f) Selection and takes place during August /September each year.
- g) Final selection is subject to approval by the school director.

G.1.8.6.2 Curriculum G603P: Sport Science

G.1.8.6.2.1 Curriculum outcomes

After completing this curriculum the student should be able to demonstrate an extensive knowledge, understanding and skills in Sport Science by determining and developing the sport performance potential of sport participants and prospective participants. The graduate will also be able to undertake appropriate research, gather, analyse and evaluate information and data and

interpret results and communicate them in writing and orally to an audience of peers.

G.1.8.6.2.2 Compilation of the curriculum: Sport Science

Qualification and programme code: 202 152; **Curriculum code:** G603P

Module code	Descriptive name	Credits
MBWK681	Applied Research Methodology and Mini-dissertation	32
MBWS682	Applied Sport Physiology	32
MBWS683	Applied Biomechanics	16
MBWS684	Applied Sport Psychology	16
MBWS685	Sport Science Internship	24
MBWS686	Sport Science Practice	24
Total credits for the curriculum		144

G.1.8.7 Programme: Physiology

Qualification code: 202 131 (F + P)

The curriculum composed for this programme is of an academic nature. In composing the curriculum, consideration was given to the career opportunities and the human capital needs of the country. This curriculum prepares the student for further postgraduate study in one of the postgraduate programmes in Physiology, inter alia Occupational Hygiene and Cardiovascular Physiology.

The program is presented fulltime and part-time and the closing date for applications is 31 August.

G.1.8.7.1 Admission and selection requirements of the programme

- a) A BSc degree with Physiology as a major subject or an equivalent qualification with in-depth knowledge of Physiology;
- b) Selection takes place during September to October and is subject to available capacity and approval by the school director.

G.1.8.7.2 Additional requirements and faculty specific rules

- a) At least 65% average in Physiology on third-year level is required.
- b) STTN111 or a comparable statistics module must have been passed before or must be passed during the honors year..
- c) It is strongly recommended that the student should provide proof of immunisation against Hepatitis A+B.

G.1.8.7.3 Curriculum G624P: Physiology

G.1.8.7.3.1 Curriculum outcomes

At the end of the curriculum the student should have the proficiency and suitable skills in the field of Physiology specifically, or in the field of Health Sciences in general. The student will also have at his/her disposal the suitable basic skills in the field of Occupational Hygiene.

G.1.8.7.3.2 Compilation of the curriculum: Physiology

Qualification and programme code: 202 131; Curriculum code: G624P

Module code	Descriptive name	Credits
Compulsory modules		
FLGX613	Neurophysiology	16
FLGX615	Research methodology	8
FLGX617	Cellular Physiology	8
FLGX625	Endocrinology	16
FLGX671	Practical Project	32
Choice modules - three out of six must be chosen		
FLGX612	Cardiovascular Physiology A	16
FLGX618	Occupational Hygiene Monitoring A	16
FLGX621	Cardiovascular Physiology C	16
FLGX622	Toxicology A	16
FLGX624	Toxicology B	16
FLGX627	Cardiovascular Physiology B	16
Total credits for the curriculum		128

G.1.8.8 Programme: Nutrition

Qualification code: 202 132 (F)

The curriculum composed in this programme consists of three modules, as well as a research project of limited scope which prepare the student for further postgraduate study. The focus in the modules falls on the most recent research findings on highly relevant problems.

The program is presented on a fulltime basis and the closing date for applications is 30 September.

G.1.8.8.1 Admission and selection requirements of the programme

- A BSc degree with Nutrition as major subject or an equivalent qualification is required.
- Selection starts on the 1st of October and is subject to the students' academic performance and available capacity in the subject group.
- Final selection is subject to the approval of the school director.

G.1.8.8.2 Additional requirements and faculty specific rules

- At least 60% in Nutrition at undergraduate level in each of the third year Nutrition modules and the research module will be required.
- STTN111 or a comparable statistics module must have been passed before or must be passed during the honors year.
- Students who wish to register for this degree must submit proof of immunisation against hepatitis A and B in the previous year.
- A participation mark of 40% should be obtained in order to be admitted for examination.
- A pass mark of 50% is required for all modules.

G.1.8.8.3 Curriculum G627P: Nutrition

G.1.8.8.3.1 Curriculum outcomes

After the curriculum has been completed, the student should be able to:

- a) Demonstrate the capability as entrepreneur to identify, analyse, evaluate and find solutions to real and complex nutrition-related lifestyle illnesses in communities, and to plan and execute creative and innovative nutrition-related intervention programs in an ethically responsible manner, by using proven solutions and theory-driven arguments, by means of group work and the use of appropriate Information Technology as means of communication.
- b) Demonstrate an extensive and systematic knowledge in the field of nutrition and particularly in specialization areas for instance the planning and execution of epidemiological research programs, nutrition at public health level, sport and exercise physiology and the genetic composition of different communities and the importance thereof for health promotion.
- c) Apply the principles and theory of nutrition in a well-rounded and coherent and critical way using the relevant theories, research methodologies, methods and techniques; collect and evaluate multiple relevant resources of information in a specialist area of nutrition to address complex or abstract problems; process information to arrive at ethically responsible decisions based on well-grounded theories and proven facts; and demonstrate the ability to present and communicate academic, professional and occupational ideas effectively to a range of audiences using the appropriate methods (e.g. PowerPoint).

G.1.8.8.3.2 Compilation of curriculum: Nutrition

Qualification and programme code: 202 132; **Curriculum code:** G627P

a) Compulsory Modules:

The compulsory modules contribute 50% (64 credits) to the total credit load of the curriculum:

Module code	Descriptive name	Credits
*NUTR671	Research report	32
*NUTA671	Advanced Nutrition Science	32

b) Students may choose two modules out of the following four modules:

The choice modules contribute 50% (64 credits) to the total credit load of the curriculum:

Module code	Descriptive name	Credits
**NUTG671	Nutrigenetics	32
**NUTE671	Nutrition Epidemiology	32
**NUTP671	Public Health Nutrition	32
**NUTS671	Sport Nutrition	32
Total credits for the curriculum		128

G.1.8.9 Programme: Psychology

Qualification code: 202 133 (F) (Psychology)

The curricula composed for this programme are of an academic nature. In composing the curricula, consideration was given to career possibilities and the manpower needs of the country. These curricula prepare the student for further postgraduate study in Psychology.

The programme is presented on a fulltime basis and the closing date for applications is 16 September.

G.1.8.9.1 Admission and selection requirements of the programme

- a) Candidates should be in possession of an applicable Bachelor's degree with third year Psychology or should have passed third year level with Development Psychology and Psychopathology (undergraduate) as part of a curriculum, as well as an average of 65% in all Psychology modules.
- b) An academic selection takes place according to the criteria as determined by the school, where an average of 65% in Psychology is set as minimum criteria during the first B degree. The complete academic record is however taken into consideration but the department holds the decision to change the minimum criteria depending on the number of applications;
- c) If a candidate is enrolled for another qualification at the time of selection, selection will only be provisional and may be cancelled by the department if the aforementioned qualification is not completed at the end of the academic year.

G.1.8.9.2 Additional requirements and faculty specific rules

An examination sub-minimum of 50% is required for all Psychology modules in the honours programme.

G.1.8.9.3 Curriculum G628P: Psychology

G.1.8.9.3.1 Curriculum outcomes

After completion of this programme students should be able to:

- a) demonstrate a comprehensive and systematic knowledge of psychometrics, psychological evaluation, psychopathology, basic intervention and counselling techniques, including programme development and programme presentation;
- b) do a critical evaluation of existing knowledge concerning theories, research methods, techniques and technology in psychology, and apply that knowledge to various contexts;
- c) diagnose psychological pathology in individuals, groups and communities, design basic intervention programmes and apply them in various socio-cultural circumstances;
- d) obtain, analyse and interpret relevant information concerning individuals, groups and communities, and communicate the information, either individually or as a member of a group, by writing reports, doing assignments, or reporting orally;
- e) reflect on the impact of the study material on the self as a person and as a future care giver; and

- f) Observe, at all times, an ethical, professional and value-based code of conduct in all modes of communication and association with individuals and groups.

G.1.8.9.3.2 Compilation of the curriculum: Psychology

Qualification and programme code: 202 133; **Curriculum code:** G628P

Module code	Descriptive name	Credits
PSYH611	Psychological evaluation.	16
PSYH612	Community psychology: Theory	8
PSYH613	Applied positive psychology	16
PSYH621	Intervention techniques	16
PSYH622	Theoretical perspectives on rendering help	16
PSYH623	Child and adolescent psychology	16
PSYH671*	Research and ethics: Theory and practice	40
PSYH672*	Psychopathology	16
STTN111	Descriptive statistics	12
STTN124	Practical statistics	12
Total credits for curriculum		168

* Year modules

G.1.9 RULES FOR THE DEGREE HONOURS BACHELOR IN CONSUMER SCIENCES

Qualification code: 835 100 (F + P)

The study may be done fulltime or part-time. The part-time option will only be offered in special cases.

The closing date for applications is 30 August.

G.1.9.1 Duration (minimum and maximum)

The minimum duration of the study is one year and the maximum duration is two years.

G.1.9.2 Admission requirements of the qualification

The honours degree follows a three year degree in Consumer Sciences or after the status of a bachelor's degree or a BSc degree in Consumer Sciences was obtained.

G.1.9.3 Programme: Consumer Sciences

Qualification - and programme code: 835 100

The purpose is (1) to provide students who have already obtained a first degree in Consumer Sciences with specialised vocationally directed training that will enable them to fulfil the role of the consumer scientist within the retail industry and the manufacturing sector, and to do consumer research and solve

consumer-orientated problems in these environments; and (2) to improve the general quality of life of the South African consumer in society with their scientific knowledge and skills by acting in an advisory capacity or through the development and implementation of consumer-orientated educational programmes.

G.1.9.3.1 Admission and selection requirements of the programme

- a) General admission requirements of the qualification hold.
- b) Admission to this degree is done in consultation with the school director or delegated person and is subject to available capacity in the subject group.
- c) Selection starts on the 1st of September. Students are required to submit a portfolio and complete a skills test, after which a preferential list is compiled.

G.1.9.3.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% is required during undergraduate studies.
- b) Prerequisites as indicated against each module specified in the curriculum requirements holds.
- c) Students that complied with the minimum requirements of the degree will also have to complete a written assignment on a given topic and take part in a personal interview with a selection panel consisting of personnel of Consumer Sciences.
- d) Students who do not hold the three year BSc degree in Consumer Sciences or the four year B degree in Consumer Sciences, but who hold an equivalent qualification, must, to the satisfaction of the school director, take in the case of each of the following modules the **opposite module(s)** or equivalent modules as prerequisite honours module.

VKLE671	VKLE214
VKLE672	VKLE214, 321
VGHB671	VGHB311
VGHB672	VGHB117, 214, 221
VGHB673	VGHB122, VGHB311
VVDL672	VVDL112, VVDL324
VVDL673	VVDL112, VVDL213
*VVBG671	VGHB117

***Compulsory module** for the qualification and will count towards admission. The same requirements apply for admission to the honours programme.

- e) STTN111 or equivalent module (optional)

G.1.9.3.3 Curriculum G630P: Consumer Sciences

G.1.9.3.3.1 Curriculum outcomes

At the end of the study, the student should be able to open up new knowledge, do research, initiate entrepreneurial projects and utilise specialised knowledge in the chosen areas of study, thus improving the quality of life of the South African consumer.

G.1.9.3.3.2 Compilation of curriculum: Consumer Sciences

Qualification - and programme code: 835 100; **Curriculum code:** G630P

a) Compulsory modules

Module code	Descriptive name	Credits	Prerequisite Module
VNAM671	Research Methods and Scientific Writing Skills	24	
VNAV671	Research Project: Project Report Submission	32	VNAM671 VVBG671
VVBG671	Consumer Behaviour	16	
VVOO671	Adult Education and Training	16	

b) A student must in collaboration with the director of the school choose 2 more modules from group A or B or C

GROUP A

Module code	Descriptive name	Credits
VGHB671	Housing and Community Development	24
VGHB672	Consumer Resource Management	24
VGHB673	Interior Design	24
Total credits for the curriculum		136

GROUP B

Module code	Descriptive name	Credits
VGHB672	Consumer Resource Management	24
VGHB673	Interior Design	24
VKLE671	Advanced Textiles	24
VKLE672	Advanced Fashion Industry	24
Total credits for the curriculum		136

GROUP C

Module code	Descriptive name	Credits
VGHB672	Consumer Resource Management	24
VVDL672	Food Product Development	24
VVDL673	Consumer Behaviour in Foods	24
Total credits for the curriculum		136

G.1.10 RULES FOR THE DEGREE MASTER OF ARTS

The curricula for a particular master's degree or the framework within which such curriculum may be compiled, is determined by the relevant school and/or research entity.

Studies towards a master's degree can be done fulltime or part-time (as indicated).

G.1.10.1 Duration (Minimum and maximum)

The **minimum duration** for the study is **one year** and the **maximum duration two years**, calculated from the date of the first registration for the particular programme.

Although a maximum study period of two years is granted by the faculty, students who apply for an additional third study year must note that it will have extensive financial implications for the student.

G.1.10.2 Admission requirements for the qualification

A student who wishes to register for a Master's degree must have acquired an honours degree or equivalent qualification in the applicable field as approved by the Senate.

G.1.10.3 Programme: Recreational Sciences

Qualification code: 103 182 (F + P) (Recreation)

The curriculum composing this programme is of academic nature. The programme gives an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Recreation.

The programme is presented fulltime and part-time and applications should be submitted by 11 September. (Late applications will be considered on merit).

G.1.10.3.1 Admission and selection requirements of the programme

- a) General admission requirements hold.
- b) A selection process as prescribed for the specialist field which takes place during October to November must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.10.3.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) An average of 65% for a research methods module on fourth year level will be required.
- c) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.10.3.3 Curriculum G815P: Recreational Sciences

G.1.10.3.3.1 Curriculum outcomes

After the curriculum has been completed, the student should:

- a) demonstrate a comprehensive/extensive and systematic knowledge base of Recreation Science with specialist knowledge of the area in which research is conducted;
- b) have a coherent and critical understanding of the appropriate theories, research methods and techniques to identify and analyse complex and real-life problems under supervision and react by using advanced information-gathering and processing skills; and
- c) Demonstrate the ability to undertake a research project in an ethical and responsible way by applying research methods, techniques and technologies and write a research paper under supervision and orally present the findings to an audience of peers and professionals.

G.1.10.3.3.2 Compilation of the curriculum: Recreational Sciences

Qualification-and programme code: 103 182; **Curriculum code:** G815P

Module code	Descriptive name	Credits
RKKV871	Dissertation : Recreation Sciences	180
Total credits for the curriculum		180

G.1.10.4 Programme: Biokinetics

Qualification code: 103 191 (F + P) (Biokinetics)

The curriculum composing this programme is of an academic nature. The programme gives an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

The programme is presented fulltime and part-time and applications should be submitted by 11 September (Late applications will be considered on merit).

G.1.10.4.1 Admission and selection requirements of the programme

- a) General admission requirements hold.
- b) A selection process as prescribed for the specialist field which takes place during October to November must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.10.4.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) An average of 65% for a research methods module on fourth year level will be required.
- c) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.10.4.3 Curriculum G801P: Biokinetics

G.1.10.4.3.1 Curriculum outcomes

After the curriculum has been completed, student should:

- a) demonstrate a comprehensive/extensive and systematic knowledge base of Biokinetics, with specialist knowledge of the area in which research is done;
- b) have a coherent and critical understanding of the appropriate theories, research methods and techniques to identify and analyse complex and real-life problems under supervision and react by using advanced information-gathering and processing skills; and
- c) Demonstrate the ability to undertake a research project in an ethical and responsible manner by applying research methods, techniques and technologies and write a research paper under supervision and orally present the findings to an audience of peers and professionals.

G.1.10.4.3.2 Compilation of the curriculum: Biokinetics

Qualification-and programme code: 103 191; **Curriculum code:** G801P

Module code	Descriptive name	Credits
MBWB871	Dissertation: Biokinetics	180
Total credits for the curriculum		180

G.1.10.5 Programme: Kinderkinetics

Qualification code: 103 192 (F + P) (Kinderkinetics)

The curriculum composing this programme is of an academic nature. The programme gives an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

The programme is presented fulltime and part-time and applications should be submitted by 11 September (Late applications will be considered on merit).

G.1.10.5.1 Admission and selection requirements of the programme

- a) General admission requirements hold.
- b) A selection process as prescribed for the specialist field which takes place during October to November must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.10.5.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) An average of 65% for a research methods module on fourth year level will be required.
- c) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.10.5.3 Curriculum G802P: Kinderkinetics

G.1.10.5.3.1 Curriculum outcomes

After the curriculum has been completed, the student should:

- a) be able to demonstrate a comprehensive/extensive and systematic knowledge base of human movement science or recreation science, with specialist knowledge about the area in which research was conducted;
- b) have a coherent and critical understanding of the appropriate theories, research methods and techniques, and use advanced information-gathering and processing skills under supervision in order to identify and analyse complex and real-life problems and react to them; and
- c) Demonstrate the ability to undertake a research project in an ethical and responsible way by applying research methods, techniques and technologies and write a research dissertation under supervision and orally defend the findings to an audience of peers and professionals.

G.1.10.5.3.2 Compilation of the curriculum: Kinderkinetics

Qualification-and programme code: 103 192; **Curriculum code:** G802P

Module code	Descriptive name	Credits
MBWK871	Dissertation: Kinderkinetics	180
Total credits for the curriculum		180

G.1.10.6 Programme: Sport Science

Qualification code: 103 193 (F + P) (Sport Science)

The curriculum composing this programme is of an academic nature. The programme gives an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

The programme is presented fulltime and part-time and applications should be submitted by 11 September. (Late applications will be considered on merit).

G.1.10.6.1 Admission and selection requirements of the programme

- a) General admission requirements hold.
- b) A selection process as prescribed for the specialist field which takes place during October to November must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.10.6.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) An average of 65% for a research methods module on fourth year level will be required.
- c) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.10.6.3 Curriculum G803P: Sport Science

G.1.10.6.3.1 Curriculum outcomes

After the curriculum has been completed, the student should:

- a) Demonstrate an extensive and systematic knowledge of Sport Science;
- b) Synthesize and apply knowledge regarding research methods and techniques applicable to one of the abovementioned specialising fields in the planning, compilation and execution of a research project;
- c) Identify and solve a complex research problem or question concerning one of the abovementioned specialising areas through advanced information development and processing skills as well as the collection, capturing, analysing and interpretation of research data;
- d) Present a dissertation which comply to the standards of scientific professional writing by means of advanced information technology, and communicate it to a national specialist-examination panel through professional academic reasoning;
- e) Act in an ethical and responsible manner within the required parameters of the research project during the execution of projects and the compilation and finalization of the dissertation.

G.1.10.6.3.2 Compilation of the curriculum: Sport Science

Qualification-and programme code: 103 193; **Curriculum code:** G803P

Module code	Descriptive name	Credits
MBWS871	Dissertation: Sport Science	180
Total credits for the curriculum		180

G.1.10.7 Programme: Psychology

Qualification code: 103 181 (F + P) (Psychology)

The aim of the programme is academic research in Psychology.

Closing date for applications is 30 October where after a selection process will follow.

G.1.10.7.1 Admission and selection requirements of the programme

- a) An honours degree in Psychology (academic or in any GPRSA registration category for Psychologists) is required.
- b) Conditional admission is granted on the basis of:
 - requirements of the GPRSA where applicable,
 - academic record,
 - qualifications,
 - Extent to which project fits into the research department, as well as availability of a study leaders.
- c) Final approval will be given after an admissions interview and successful presentation of the research concept before an expert panel.

G.1.10.7.2 Additional requirements and faculty specific rules

- a) An average academic mark of at least 65% during the honours degree is required.
- b) Candidates may be required to attend additional workshops to improve research skills.
- c) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.10.7.3 Curriculum G801P: Psychology

G.1.10.7.3.1 Curriculum outcomes

After completion of the curriculum the student should be able to:

- a) demonstrate advanced knowledge and competencies in the identification of a research question that can be researched individually or interdisciplinary;
- b) design and apply appropriate qualitative and/or quantitative formats and procedures in an ethical and scientific way;
- c) interpret and report research findings scientifically; and
- d) Go through the research process by effectively cooperating with others.

G.1.10.7.3.2 Compilation of the curriculum: Psychology

Qualification-and programme code: 103 181; **Curriculum code:** G801P

Module code	Descriptive name	Credits
PSYC871	Dissertation: Psychology	180
Total credits for the curriculum		180

G.1.10.8 Programme: Positive Psychology

Qualification code: 103 195 (F/P) (Positive Psychology)

This programme consists of tuition and research and will be presented in several one week sessions per year on campus. The aim is to equip participants to apply knowledge from positive psychology in various contexts to enhance the well-being and quality of life for people. It is a specialized degree in positive psychology and not a clinical qualification, and does not provide registration at the HPCSA.

The program is presented on a fulltime and part-time basis in English and the closing date for applications is the 30 September. Selection takes place during October.

G.1.10.8.1 Admission and selection requirements of the program

- a) An honours degree (or equivalent) in psychology or other discipline (e.g. from other health sciences, education, social work, theology). Admission is open to applicants from psychology as well as other disciplines.
- b) The honours degree or equivalent in other academic fields must be with a minimum of 60 – 65%.
- c) It is recommended that applicants must already be in a work context.

- d) Apart from the official application process, students must complete an application form for selection, which can be obtained from the programme manager. A complete CV, academic record and two supporting references, one of which is preferably academic, will be required.
- e) An interview and/or other indices may be used during selection.
- f) Students whose academic background is outside of the field of Psychology, should add an additional motivation for doing the course as requested in the application form.

G.1.10.8.2 Additional requirements and specific faculty rules

- a) Students whose academic background is outside of the field of Psychology, should add an additional motivation for doing the course as requested in the application.

G.1.10.8.3 Curriculum G801P: Positive Psychology

The MAPP curriculum consists of course work presented by means of five modules and must be completed during the first year of study. The research project and completion of a research report or mini-dissertation, is completed in the second year of study.

G.1.10.8.3.1 Curriculum outcomes

After completion of the curriculum, the student should be able to:

- a) Demonstrate comprehensive and systematic knowledge of concepts, theories and research in the fields of positive psychology, well-being, positive organisational scholarship, psycho-social health, positive lifespan development and aging and enabling communities;
- b) Demonstrate critical awareness of current issues, debates, new insights and cutting edge issues within positive psychology to be able to solve identified problems in the field of positive psychology;
- c) Demonstrate competence in positive psychology assessment methods
- d) Demonstrate awareness of meta-theoretical and philosophical perspectives in positive psychology and the role of cultural, social, economic, political, historical aspects in conceptualizations and practices of positive psychology.
- e) Use principles, concepts and theories from positive psychology to assess and enhance psycho-social health and well-being in various contexts, for facilitation of life-span development, capacity building, prevention and advocacy for more comprehensive public health policies;
- f) Make interventions at the appropriate level within a system, based on the understanding of the hierarchical relations within the system, and the ability to address the intended and unintended consequences of interventions;
- g) Show an awareness of and understanding of ethical constraints associated with application of positive psychology interventions; contribute to the development of ethical standards in specific contexts; identify, and manage emerging ethical issues and monitor consequences where applicable.

- h) Develop knowledge, understanding, skills and experience needed to carry out research in positive psychology.
- i) Demonstrate the ability to creatively select, design and apply appropriate research methods and techniques, appropriate to the specific issue and context.
- j) Communicate ideas from positive psychology to a wide range of audiences with different levels of knowledge or expertise.
- k) Reflect critically on own learning and experience; demonstrate the ability to develop own learning strategies which can sustain independent learning and academic development, and to take responsibility for own work, decisions and use of resources.

G.1.10.8.3.2 Compilation of curriculum: Positive Psychology

Qualification and programme code: 103 195; **Curriculum code:** G801P

Module code	Descriptive name	Credits
PSYP874	Introduction to Positive Psychology	24
PSYP875	Research methods in Positive Psychology	24
PSYP876	Assessment and Basics of Interventions	24
PSYP877	Applications in Positive Psychology	24
PSYP878	Advanced Positive Psychology	24
PSYP872	Research Dissertation in Positive Psychology	60
Credit total for the curriculum		180

G.1.10.9 Programme: Clinical Psychology

Qualification code: 103 183 (F) (Clinical Psychology)

- a) The programme is professional in nature. In developing this curriculum, requirements of the *Health Professions Council of South Africa (HPCSA)*, and national and regional needs were taken into consideration by addressing them in the research focus area COMPRES. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further postgraduate studies in Psychology.
- b) The Clinical Psychology Programme gives an opportunity for specialised and advanced training and is a prerequisite for registration as an intern and eventually Clinical Psychologist at the Health Professions Council of South Africa (HPCSA).
- c) The programme is presented on a fulltime basis and the closing date for applications is 4 July where after a selection process will follow.

G.1.10.9.1 Admission and selection requirements of the programme

- a) An honours degree in Psychology or an applicable equivalent qualification is required;

- b) A paper selection based on academic performance, relevant skills and quality of reference reports will be conducted;
- c) A formal selection process based on an individual in-depth interview by a panel of psychologists, a research assignment, evaluation of traits, skills and potential by means of case studies and group work will be conducted;
- d) A final in-depth interview by a selection panel of internal and external psychologists (departmental and internship representatives) will be conducted.
- e) Final approval is subject to a specific research concept within the focus of the subject group.

G.1.10.9.2 Additional requirements and faculty specific rules

- a) An average of 65% in the honours degree is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes. The department is free to terminate a student's study if the academic, behavioural and/or functioning record is unsatisfactory and/or poses a threat to their own health or that of society.
- c) Academic excellence is at all times a priority:
 - A participation mark will be defined and determined for each module. A subminimum of 50% participation mark is required to be able to write examination.
 - A pass mark of 55% per module and an examination sub-minimum of 50% per module are required. The weights for determining the final module mark will be 50% participation mark and 50% examination mark.
 - Candidates will receive a second examination opportunity in a module, only if a paper has been failed, and a maximum mark of 50% will be allocated for such examination opportunity. If the 2nd opportunity is failed the entire year must be repeated. If more than one module are failed the students fails the course.
 - If the experiential progress is not as desired, the internship may be extended.

G.1.10.9.3 Curriculum G802P: Clinical Psychology

G.1.10.9.3.1 Curriculum outcomes

The student will comply with the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in Clinical Psychology and will be equipped with specialised and advanced knowledge to provide curative services, diagnose and prevent pathology, and promote bio-psychosocial health as well as primary, secondary and tertiary welfare in individuals, families, organisations and communities; particularly with those people facing serious life challenges and relative serious forms of psychopathology and psychological distress.

G.1.10.9.3.2 **Compilation of the curriculum: Clinical Psychology**

Qualification-and programme code: 103 183; **Curriculum code:** G802P

Module code	Descriptive name	Credits
PSYK872	Research Theory and Dissertation in Clinical Psychology	100
PSYC879	Child and Adolescent Pathology and Therapy	20
PSYC880	Theory of Psychological Interventions	20
PSYC884	Applied Psychology and Community Interventions	20
PSYC883	Ethics, Psychodiagnostics and Practical work	20
PSYC885	Psychopharmacology, Neuropsychology and advanced Psychopathology	20
Total credits for the curriculum		200

G.1.10.10 **Programme: Counselling Psychology**

Qualification code: 103 184 (Counselling Psychology)

- a) The programme is professional in nature. In developing this curriculum, requirements of the *Health Professions Council of South Africa (HPCSA)*, and national and regional needs were taken into consideration by addressing them in the research focus area COMPRES. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further postgraduate studies in Psychology.
- b) The Counselling Psychology programme gives an opportunity for specialised and advanced training and is a prerequisite for registration as an intern and eventually Counselling Psychologist at the Health Professions Council of South Africa (HPCSA).
- c) The programme is presented on a fulltime basis and the closing date for applications is 4 July where after a selection process will follow.

G.1.10.10.1 **Admission and selection requirements of the programme**

- a) An honours degree in Psychology or an applicable equivalent qualification is required;
- b) A paper selection based on academic performance, relevant skills and quality of reference reports will be conducted;
- c) A formal selection process based on an individual in-depth interview by a panel of psychologists, a research assignment, evaluation of traits, skills and potential by means of case studies and group work will be conducted;
- d) A final in-depth interview by a selection panel of internal and external psychologists (departmental and internship representatives) will be conducted.
- e) Final approval is subject to a specific research concept within the focus of the subject group.

G.1.10.10.2 **Additional requirements and faculty specific rules**

- a) An average of 65% in the honours degree is required.

- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes. The department is free to terminate a student's study if the academic, behavioural and/or functioning record is unsatisfactory and/or poses a threat to their own health or that of society.
- c) Academic excellence is at all times a priority:
 - A participation mark will be defined and determined for each module. A subminimum of 50% participation mark is required to be able to write examination.
 - A pass mark of 55% per module and an examination sub-minimum of 50% per module are required. The weights for determining the final module mark will be 50% participation mark and 50% examination mark.
 - Candidates will receive a second examination opportunity in a module, only if a paper has been failed, and a maximum mark of 50% will be allocated for such examination opportunity. If the 2nd opportunity is failed the entire year must be repeated. If more than one module are failed the students fails the course.
 - If the experiential progress is not as desired, the internship may be extended.

G.1.10.10.3 Curriculum G802P: Counselling Psychology

G.1.10.10.3.1 Curriculum outcomes

The student will comply with the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in Counselling Psychology and will be equipped with specialised and advanced knowledge to provide curative services, diagnose and prevent pathology, and promote bio-psychosocial health as well as primary, secondary and tertiary welfare in individuals, families, organisations and communities; particularly with those people facing serious life challenges and relative serious forms of psychopathology and psychological distress.

G.1.10.10.3.2 Compilation of the curriculum: Counselling Psychology

Qualification-and programme code: 103 184; **Curriculum code:** G802P

Module code	Descriptive name	Credits
PSYV872	Research Theory and Dissertation in Counselling Psychology	100
PSYV879	Child and Adolescent Development, Pathology and Therapy	20
PSYV880	Theory of Psychological Interventions in Counselling Psychology	20
PSYV885	Psychopharmacology, Neuropsychology and advanced Psychopathology in Counselling Psychology	20
PSYC884	Applied Psychology and Community Interventions	20
PSYC883	Ethics, Psychodiagnostics and Practical work	20
Total credits for the curriculum		200

G.1.10.11 Programme: Research Psychology

Qualification code: 103 185 (F) (Research Psychology)

- a) The programme is professional in nature. In developing this curriculum, national and regional needs were taken into consideration by addressing them in the research focus area COMPRES. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further postgraduate studies in Psychology.
- b) The Research Psychology programme gives an opportunity for specialised and advanced training and is a prerequisite for registration as Psychologist at the Health Professions Council of South Africa (HPCSA).
- c) The programme is presented on a fulltime basis and the closing date for applications is 30 September where after a selection process will follow during October.

G.1.10.11.1 Admission and selection requirements of the programme

- a) An Honours degree in Psychology is required (with at least 65 %);
- b) Passing of an paper-, academic- and personality screening at the completion of the honours degree for admission to the professional programme in Research Psychology;
- c) Students must submit a selection application by 30 September. The application should consist of the following: (a) a letter of motivation, (b) complete CV, (c) complete academic record, (d) a two page proposal with possible research topics.
- d) Students who comply with all the requirements will be invited for a selection interview to determine their potential to benefit from the research programme and will be requested to complete a research assignment.

G.1.10.11.2 Additional requirements and faculty specific rules

- a) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes. The department is free to terminate the studies if a student's academic, behavioural, and/or function record is unsatisfactory and hold a danger to him/her or the public.
- b) Academic excellence is always a prerequisite. A participation mark will be defined and determined for each module. A pass mark of 55 % per module and an examination sub-minimum of 50 % per module are required. Candidates are only allowed a 2nd opportunity in one paper. If the 2nd opportunity is failed the year must be repeated. Should more papers be failed, the candidate fails the course.
- c) If the experiential progress is not as desired, the internship may be extended.

G.1.10.11.3 Curriculum G801P: Research Psychology

G.1.10.11.3.1 Curriculum outcomes

After completing this curriculum, the student should:

- a) demonstrate advanced, systematic and specialist knowledge to undertake research at individual, community and/or interdisciplinary level by applying appropriate research methods and techniques to identify, analyse and formulate complex research problem(s) in the domain of psychology;
- b) demonstrate advanced strategies to obtain, analyse and evaluate applicable information for its relevance and validity;
- c) use applicable quantitative and/or qualitative research methods to provide answers for research phenomena;
- d) interpret results in a scientific manner;
- e) integrate research findings and reflect on it critically;
- f) communicate the findings orally by means of applicable IT and by writing it up in research reports; and
- g) Perform and communicate research in an ethical and scientific manner.

After the successful completion of the academic curriculum and an internship, the student complies with the requirements of the *Health Professions Council of South Africa (HPCSA)* and may register as a Research Psychologist, if the student so desires.

G.1.10.11.3.2 Compilation of the curriculum: Research Psychology

Qualification-and programme code: 103 185; **Curriculum code:** G801P

Module code	Descriptive name	Credits
PSYC872	Dissertation: Research Psychology	116
PSYC874	Critical Research Skills	16
PSYC875	Quantitative Research Methods	16
PSYC876	Qualitative Research Methods	16
PSYC877	Project management	16
Total credits for the curriculum		180

G.1.11 RULES FOR THE DEGREE MASTER OF SCIENCE

The curricula for a particular master's degree or the framework within which such curriculum may be compiled, is determined by the relevant school and/or research entity.

Studies towards a master's degree can be done fulltime or part-time (for selected curriculums).

G.1.11.1 Duration (Minimum and maximum)

The **minimum duration** for the study is **one year** and the **maximum duration two years**, calculated from the date of the first registration for the particular programme.

Although a maximum study period of two years is granted by the faculty, students who apply for an additional third study year must note that it will have extensive financial implications for the student.

G.1.11.2 Admission requirements of the qualification

A student who wishes to register for a Master's degree must have acquired an honours degree or equivalent qualification in the applicable field as approved by the Senate.

G.1.11.3 Programme: Biokinetics

Qualification code: 203 195 (F + P) (Biokinetics)

The curriculum composing this programme is of an academic nature. The programme gives an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

The programme is presented fulltime and part-time and applications should be submitted by 11 September (Late applications will be considered on merit).

G.1.11.3.1 Admission and selection requirements of the programme

- a) General admission requirements hold.
- b) A selection process as prescribed for the specialist field which takes place during October to November must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.11.3.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) An average of 65% for a research methods module on fourth year level will be required.
- c) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.11.3.3 Curriculum G801P: Biokinetics

G.1.11.3.3.1 Curriculum outcomes

After the curriculum has been completed, student should:

- a) demonstrate a comprehensive/extensive and systematic knowledge base of Biokinetics, with specialist knowledge of the area in which research is done;
- b) have a coherent and critical understanding of the appropriate theories, research methods and techniques to identify and analyse complex and real-life problems under supervision and react by using advanced information-gathering and processing skills; and
- c) Demonstrate the ability to undertake a research project in an ethical and responsible manner by applying research methods, techniques and technologies and write a research paper under supervision and orally present the findings to an audience of peers and professionals.

G.1.11.3.3.2 **Compilation of the curriculum: Biokinetics**

Qualification-and programme code: 203 195; **Curriculum code:** G801P

Module code	Descriptive name	Credits
MBWB871	Dissertation: Biokinetics	180
Total credits for the curriculum		180

G.1.11.4 **Programme: Kinderkinetics**

Qualification code: 203 196 (F + P) (Kinderkinetics)

The curriculum composing this programme is of an academic nature. The programme gives an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

The programme is presented fulltime and part-time and applications should be submitted by 11 September (Late applications will be considered on merit).

G.1.11.4.1 **Admission and selection requirements of the programme**

- General admission requirements hold.
- A selection process as prescribed for the specialist field which takes place during October to November must be passed.
- Final selection is subject to approval by the school- and research director.

G.1.11.4.2 **Additional requirements and faculty specific rules**

- An average academic performance of 60% in the honours year is required.
- An average of 65% for a research methods module on fourth year level will be required.
- A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.11.4.3 **Curriculum G802P: Kinderkinetics**

G.1.11.4.3.1 **Curriculum outcomes**

After the curriculum has been completed, the student should:

- be able to demonstrate a comprehensive/extensive and systematic knowledge base of human movement science or recreation science, with specialist knowledge about the area in which research was conducted;
- have a coherent and critical understanding of the appropriate theories, research methods and techniques, and use advanced information-gathering and processing skills under supervision in order to identify and analyse complex and real-life problems and react to them; and
- Demonstrate the ability to undertake a research project in an ethical and responsible way by applying research methods, techniques and technologies and write a research dissertation under supervision and orally defend the findings to an audience of peers and professionals.

G.1.11.4.3.2 Compilation of the curriculum: Kinderkinetics

Qualification-and programme code: 203 196; **Curriculum code:** G802P

Module code	Descriptive name	Credits
MBWK871	Dissertation: Kinderkinetics	180
Total credits for the curriculum		180

G.1.11.5 Programme: Sport Science

Qualification code: 203 197 (F + P) (Sport Science)

The curriculum composing this programme is of an academic nature. The programme gives an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Biokinetics.

The programme is presented fulltime and part-time and applications should be submitted by 11 September. (Late applications will be considered on merit).

G.1.11.5.1 Admission and selection requirements of the programme

- a) General admission requirements hold.
- b) A selection process as prescribed for the specialist field which takes place during October to November must be passed.
- c) Final selection is subject to approval by the school- and research director.

G.1.11.5.2 Additional requirements and faculty specific rules

- a) An average academic performance of 60% in the honours year is required.
- b) An average of 65% for a research methods module on fourth year level will be required.
- c) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students.

G.1.11.5.3 Curriculum G803P: Sport Science

G.1.11.5.3.1 Curriculum outcomes

After the curriculum has been completed, the student should:

- a) Demonstrate an extensive and systematic knowledge of Sport Science;
- b) Synthesize and apply knowledge regarding research methods and techniques applicable to one of the abovementioned specialising fields in the planning, compilation and execution of a research project;
- c) Identify and solve a complex research problem or question concerning one of the abovementioned specialising areas through advanced information development and processing skills as well as the collection, capturing, analysing and interpretation of research data;
- d) Present a dissertation which comply to the standards of scientific professional writing by means of advanced information technology, and communicate it to a national specialist-examination panel through professional academic reasoning;

- e) Act in an ethical and responsible manner within the required parameters of the research project during the execution of projects and the compilation and finalization of the dissertation.

G.1.11.5.3.2 Compilation of the curriculum: Sport Science

Qualification-and programme code: 203 197; **Curriculum code:** G803P

Module code	Descriptive name	Credits
MBWS871	Dissertation: Sport Science	180
Total credits for the curriculum		180

G.1.11.6 Programme: Pharmaceutical Chemistry

Qualification code: 203 184 (F) (Pharmaceutical Chemistry)

The MSc degree in Pharmaceutical Chemistry is a research-based degree and consists of a research project and the writing of a dissertation in Pharmaceutical Chemistry. The aim of the curriculum is to provide in South Africa's need of high-level manpower in the pharmacy profession. The student will distinguish himself/herself as a specialist in the specific chosen field (programme) and will be capable of applying Research Methodology at this level and in the specific field of study.

The curriculum is presented fulltime in Afrikaans and English.

The general closing date for applications is 31 October. Applications received after this date will be considered on merit.

G.1.11.6.1 Admission and selection requirements of the programme

- A four year BPharm degree, a BSc (Pharm) degree and a suitable honours degree with Chemistry on at least third year level, or a qualification which the Senate deems to be equivalent. In all the aforementioned cases additional course work will be required as determined by the specific sub-programme leader.
- Students who do not have a BPharm degree will be assessed according to prior learning.
- Selection involves the submission of a formal application form, an internal selection form and curriculum vitae by the applicant as well as a possible interview by the sub-programme leader and researchers.

G.1.11.6.2 Additional requirements and faculty specific rules

- A 60% pass mark will be required for first semester modules in the final year of the BPharm degree.
- The research director may refuse a prospective student admission to a curriculum if the standard of proficiency that the student has reached previously in the specific subject(s) wherein he/she wants to study does not comply with the specific curriculum requirements.

G.1.11.6.3 Curriculum G801P: Pharmaceutical Chemistry

The curriculum consists of a research project in a field within the relevant research focus area, culminating in the writing of a dissertation. A participation mark is accrued from the attendance/completion of specific modules which, according to the specific supervisor, may be of importance for the student in

completing his/her study. The modules are indicated and set out in the "Information document for master's degree studies" in the Centre of Excellence for Pharmaceutical Sciences.

G.1.11.6.3.1 Curriculum outcomes

After completion of the programme the student should be able to:

- a) demonstrate advanced / comprehensive specialist knowledge and skills in order to identify relevant research questions within the field of Pharmaceutical Chemistry;
- b) identify a research problem/need, and to plan and execute a suitable research design in a scientific and ethical manner by making use of appropriate research methods, techniques and procedures;
- c) interpret and integrate research findings in a scientifically accountable manner, and in a scientific and ethical way communicate - orally and in writing - the necessary information by means of a research report;
- d) Act as a leader, i.e. ethically and responsibly, in the pharmacists' profession in the field of Pharmaceutical Chemistry.

G.1.11.6.3.2 Compilation of the curriculum: Pharmaceutical Chemistry

Qualification and programme code: 203 184; **Curriculum code:** G801P

Module code	Descriptive name	Credits
FCHG871	Dissertation: Pharmaceutical Chemistry	180
Total credits for the curriculum		180

G.1.11.7 Programme: Pharmacology

Qualification code: 203 185 (F) (Pharmacology)

The MSc degree in Pharmacology is a research-based degree and consists of a research project and the writing of a dissertation in Pharmacology. The aim of the curriculum is to provide in South Africa's need of high-level manpower in the pharmacy profession. The student will distinguish himself/herself as a specialist in the specific chosen field (programme) and will be capable of applying Research Methodology at this level and in the specific field of study.

The curriculum is presented fulltime in Afrikaans and English.

The general closing date for applications is 31 October. Applications received after this date will be considered on merit.

G.1.11.7.1 Admission and selection requirements of the programme

- a) A four year BPharm degree, a BSc (Pharm) degree and a suitable honours degree or a qualification which the Senate deems to be equivalent. In all the aforementioned cases additional course work will be required as determined by the sub-programme leader.
- b) Students who do not have a BPharm degree will be assessed according to prior learning.

- c) Selection involves the submission of a formal application form, an internal selection form and curriculum vitae by the applicant as well as a possible interview by the sub-programme leader and researchers.

G.1.11.7.2 Additional requirements and faculty specific rules

- a) A 60% pass mark will be required for first semester modules in the final year of the BPharm degree.
- b) The research director may refuse a prospective student admission to a curriculum if the standard of proficiency that the student has reached previously in the specific subject(s) wherein he/she wants to study does not comply with the specific curriculum requirements.

G.1.11.7.3 Curriculum G801P: Pharmacology

The curriculum consists of a research project in a field within the relevant research focus area, culminating in the writing of a dissertation. A participation mark is accrued from the attendance/completion of specific modules which, according to the specific supervisor, may be of importance for the student in completing his/her study. The modules are indicated and set out in the "Information document for master's degree study" in the Centre of Excellence for Pharmaceutical Sciences.

G.1.11.7.3.1 Curriculum outcomes

After completion of the programme the student should be able to:

- a) demonstrate advanced / comprehensive specialist knowledge and skills in order to identify relevant research issues within the field of Pharmacology;
- b) identify a research problem/need, and to plan and execute a suitable research design in a scientific and ethical manner by making use of appropriate research methods, techniques and procedures;
- c) interpret and integrate research findings in a scientifically accountable manner, and in a scientific and ethical way communicate - orally and in writing - the necessary information by means of a research report; and
- d) Act as a leader, i.e. ethically and responsibly, in appropriate research and health professions in the field of Pharmacology.

G.1.11.7.3.2 Compilation of the curriculum: Pharmacology

Qualification and programme code: 203 185; **Curriculum code:** G801P

Module code	Descriptive name	Credits
FKLG871	Dissertation: Pharmacology	180
Total credits for the curriculum		180

G.1.11.8 Programme: Pharmaceutics

Qualification code: 203 186 (F) (Pharmaceutics)

The MSc degree in Pharmaceutics is a research-based degree and consists of a research project and the writing of a dissertation in Pharmaceutics. The aim of the curricula is to provide in South Africa's need of high-level manpower in the pharmacy profession. The student will distinguish himself/herself as a

specialist in the specific chosen field (programme) and will be capable of applying Research Methodology at this level and in the specific field of study.

The curriculum is presented fulltime in Afrikaans and English.

The general closing date for applications is 31 October. Applications received after this date will be considered on merit.

G.1.11.8.1 Admission and selection requirements of the programme

- a) A four year BPharm degree, a BSc (Pharm) degree and a suitable honours degree or a qualification which the Senate deems to be equivalent. In all the above-mentioned cases additional course work will be required as determined by the specific programme coordinator.
- b) Students who do not have a BPharm degree will be assessed according to prior learning.
- c) Selection involves the submission of a formal application form, an internal selection form and curriculum vitae by the applicant as well as a possible interview by the sub-programme leader and researchers.

G.1.11.8.2 Additional requirements and faculty specific rules

- a) A 60% pass mark will be required for first semester modules in the final year of the BPharm degree.
- b) The research director may refuse a prospective student admission to a curriculum if the standard of proficiency that the student has reached previously in the specific subject(s) wherein he/she wants to study does not comply with the specific curriculum requirements.

G.1.11.8.3 Curriculum G801P: Pharmaceuticals

The curriculum consists of a research project in a field within the relevant research focus area, culminating in the writing of a dissertation. A participation mark is accrued from the attendance/completion of specific modules which, according to the specific supervisor, may be of importance for the student in completing his/her study. The modules are indicated and set out in the "Information document for master's degree study" in the Centre of Excellence for Pharmaceutical Sciences.

G.1.11.8.3.1 Curriculum outcomes

After completion of the programme the student should be able to:

- a) demonstrate advanced/comprehensive specialist knowledge and skills in order to identify relevant research questions within the field of Pharmaceuticals;
- b) identify a research problem/need, and to plan and execute a suitable research design in a scientific and ethical manner by making use of appropriate research methods, techniques and procedures;
- c) interpret and integrate research findings in a scientifically accountable manner, and in a scientific and ethical way communicate - orally and in writing - the necessary information by means of a research report; and

- d) Act as a leader, i.e. ethically and responsibly, in the pharmacists' profession in the field of Pharmaceutics.

G.1.11.8.3.2 Composition of the curriculum: Pharmaceutics

Qualification and programme code: 203 186; **Curriculum code:** G801P

Module code	Descriptive name	Credits
FMSG871	Dissertation: Pharmaceutics	180
Total credits for the curriculum		180

G.1.11.9 Programme: Occupational Hygiene

Qualification code: 203 160 (F)

The objective of this qualification is the training of postgraduate students, enabling them to function as occupational hygienists at a highly qualified level in the industry and as researchers in the health sciences.

The programme is presented on a fulltime basis. The closing date for applications is 30 September. Applications received after this date will be considered on merit

G.1.11.9.1 Admission and selection requirements of the programme

- The student must be in possession of a relevant honours degree or equivalent qualification.
- Selection by a selection panel takes place during October and approval by the Niche area leader is subject to available capacity.

G.1.11.9.2 Additional requirements and faculty-specific rules

- An average of 65% in Physiology (or equivalent qualification) is required at honours level.
- It is strongly recommended that the student must provide proof of immunisation, at least against Hepatitis A and B.
- A satisfactory behaviour and functioning record should be maintained on a continual basis by the students.
- The module mark is calculated as follows: Mini-dissertation: 50% and the average of four modules: 50%.
- STTN111 (Descriptive statistics) or an equivalent module, FLGX615 (Research methodology) or an equivalent module and FLGX618 (Occupational hygiene monitoring A) or an equivalent module must be passed.

G.1.11.9.3 Curriculum G851P: Occupational Hygiene

G.1.11.9.3.1 Curriculum outcomes

The qualified student will be equipped with advanced knowledge and skills to identify a relevant research need within the field of occupational hygiene; plan and execute a suitable quantitative and/or qualitative research design in a scientific ethical manner and utilize suitable research methods, -techniques and –procedures in the approach; interpret research results in a scientific

accountable manner and compile a research report on it. The student will have the skills to function as an occupational hygienist in the industry.

G.1.11.9.4 Compilation of the curriculum: Occupational Hygiene

Qualification and programme code: 203 160; **Curriculum code:** G851P

Module code	Descriptive name	Credits
FLGX873	Mini-Dissertation: Occupational Hygiene	96
FLGX884	Occupational hygiene monitoring B	24
FLGX885	Vibration, heat and ergonomic factors	24
FLGX886	Labour legislation	24
FLGX887	Personal protection equipment and radiation	24
Total credits for the curriculum		192

G.1.11.10 Programme: Nutrition

Qualification code: 203 166 (F + P)

The programme is composed in such a way that the student has a choice between both the research-directed curriculum (G871P), which includes a dissertation, or the structured curriculum (G870P), which includes three modules and a mini-dissertation, based on a research project.

The programme is presented on a fulltime and part-time basis and the closing date for applications is 30 September.

G.1.11.10.1 Admission and selection requirements of the programme

- a) The student must be in possession of a 4-year B(Sc) Dietetics degree, a relevant Honours degree or equivalent qualification as approved by a postgraduate selection committee.
- b) Selection by a selection committee starts on the 1st of October and is subject to the academic performance of the student. Students, who comply with all the requirements, will be invited to an interview.
- c) Selection is subject to available capacity and approval of the director of the Centre of Excellence for Nutrition.

G.1.11.10.2 Additional requirements and faculty-specific rules

- a) Students with a four year B(Sc) Dietetics degree should have obtained at least 60% in all of the third-year Nutrition modules as well as in the research module.
- b) The student should have obtained at least 60% in the Honours degree.
- c) STTN111 (Descriptive statistics) or an equivalent module must be passed.
- d) Students to be registered for this programme must at the time of registration submit proof of immunisation against Hepatitis A and B, being administered during the previous 5 years.

- e) The final decision of whether the student will be admitted to the Mini-dissertation or the Dissertation in Nutrition lies with the postgraduate selection committee.
- f) Non-nutrition students who did not complete a BSc Dietetics or BSc Nutrition degree will be required to complete additional nutrition modules (non-credit bearing) on an *ad hoc* basis as determined by the postgraduate selection committee.

G.1.11.10.3 Curriculums G870P and G871P: Nutrition

G.1.11.10.3.1 Curriculum outcomes

The student should be equipped:

- a) with advanced knowledge and skills to identify a relevant research problem within the field of Nutrition;
- b) to plan and execute a suitable quantitative and/or qualitative research topic in a scientific and ethical way, using suitable research methods, techniques and procedures;
- c) to interpret the research findings in a scientifically accountable way;
- d) to compose a research report on it in the form of a mini-dissertation or dissertation, in chapter or article format; and
- e) To play a leading role in nutrition care in South Africa.

Additional curriculum outcomes for the structured degree that includes a mini-dissertation (G870P)

“Mini-dissertation” is a written piece, including a written report or one published research article or a couple of published research articles or unpublished manuscript(s) in article format, that is of a more limited scope than a dissertation and that is compiled for exam purposes in agreement with the regulations with regard to documentation, argumentation, language and style and that are evaluated together with answering a couple of prescribed examination papers, to determine whether a student is confident with the research methodology, and that is presented in partial fulfilment of the requirements for obtaining a master’s degree at the university in accordance with the prescribed Rules.

Additional curriculum outcomes for the degree that includes a dissertation (G871P)

“Dissertation” is a written piece compiled for examination purposes, including one published research article or a couple of published research articles or unpublished manuscript(s) in article format, in accordance with the requirements for documentation, argumentation, language and style, in which a student must provide proof that he / she is confident with the research methodology and that is presented in partial fulfilment of the requirements of the prescribed outcomes for a master’s degree at the University.

G.1.11.10.4 **Compilation of the curriculums: Nutrition**

A student has a choice between both a mini-dissertation and three modules (G870P) or a dissertation (G871P), depending on the previous learning and the master's programme of the school.

Qualification and programme code: 203 166 **Curriculum code:** G870P

Module code	Descriptive name	Credits
VOED873	Mini-dissertation: Nutrition	96
VOED874	Public Health Nutrition	32
VOED875	Advanced Nutrition	32
VOED876	Sport Nutrition	32
NUTE871	Nutritional Epidemiology	32
Total credits for the curriculum		192

Qualification and programme code: 203 166 **Curriculum code:** G871P

Module code	Descriptive name	Credits
VOED871	Dissertation: Nutrition	192
Total credits for the curriculum		192

G.1.11.11 **Programme: Dietetics**

Qualification code: 203 169 (F + P)

The programme is presented on a fulltime and part-time basis and the closing date for applications is 30 September.

G.1.11.11.1 **Admission and selection requirements of the programme**

- The student must be in possession of a four year B(Sc) Dietetics degree. It is also possible to be admitted to this degree with an Honours degree in Dietetics as approved by a postgraduate selection committee
- Selection by a selection committee starts on the 1st of October and is subject to the academic performance of the student. Students who comply with the requirements, will be invited to an interview.
- Selection is subject to approval by the director and available capacity in the Centre of Excellence for Nutrition.

G.1.11.11.2 **Additional requirements and faculty-specific rules**

- Students with a four year B(Sc) Dietetics degree should have obtained at least 60% in all of the third year Nutrition modules as well as in the research module.
- The student should have obtained at least 60% in the Honours degree.
- STTN111 (Descriptive statistics) or an equivalent module must be passed.
- Preference will be given to fulltime students.

- e) Students to be registered for this programme must at the time of registration submit proof of immunisation against Hepatitis A and B, being administered during the previous 5 years.
- f) The final decision of whether the student will be admitted to the Mini-dissertation or the Dissertation in Dietetics lies with the postgraduate selection committee.
- g) Students who did not complete a BSc Dietetics degree will be required to complete additional nutrition modules (non-credit bearing) on an ad hoc basis as determined by the postgraduate selection committee.

G.1.11.11.3 Curriculums G851P and G875P

G.1.11.11.3.1 Curriculum outcomes

After completion of this curriculum the student will:

- a) be able to demonstrate knowledge and insight on the general scientific method of research with attention to the specific research methodology in Dietetics; and
- b) Be able to apply knowledge and competence to identify, analyse and evaluate complicated problems in Dietetics, to solve it systematically and creatively in an ethical way, to make theoretically grounded pronouncements by using the acquired data and information, and to clearly communicate results and conclusions to specialist and non-specialist audiences, orally or in writing by using the relevant IT.

G.1.11.11.3.2 Compilation of the curriculums: Dietetics

A student may choose between a mini-dissertation and **three modules** (G851P) or a dissertation (G875P).

Qualification-and programme code: 203 169; **Curriculum code:** G851P

Module code	Descriptive name	Credits
Compulsory module		
VOED873	Mini-dissertation: Dietetics	96
Choice modules		
VOED874*	Public Health Nutrition	32
VOED875*	Advanced Nutrition	32
VOED876*	Sport Nutrition	32
VOED880*	Nutrition support of the paediatric patient	32
VOED882*	Nutrition support of the critically ill	32
NUTE871*	Nutritional Epidemiology	32
Total credits for the curriculum		192

* **Choice modules:** any three(3) modules must be chosen

Qualification-and programme code: 203 169; **Curriculum code:** G875P

Module code	Descriptive name	Credits
VOED871	Dissertation: Dietetics	192
Total credits for the curriculum		192

G.1.11.12 Programme: Physiology

Qualification code: 203 171 (F)

The aim of this qualification is the training of postgraduate students, enabling them to function at a highly specialised level as researchers in the health sciences.

The programme is presented on a fulltime basis and the general closing date for applications is 31 October. Applications received after this date will be considered on merit.

G.1.11.12.1 Admission and selection requirements of the programme

- a) The student must be in possession of a relevant honours degree or equivalent qualification.
- b) Selection and approval by a postgraduate selection committee is subject to available capacity.

G.1.11.12.2 Additional requirements and faculty-specific rules

- a) An average mark of at least 65% in Physiology (or equivalent qualification) at honours level is required.
- b) It is strongly recommended that the student should provide proof of immunisation, at least against Hepatitis A and B.
- c) A satisfactory behaviour and functioning record should be maintained on a continual basis by the students.
- d) It is recommended that students should follow Pharmacology and Therapy (FKLG211) as additional module to improve their knowledge with regard to therapy.

G.1.11.12.3 Curriculum G855P: Physiology

G.1.11.12.3.1 Curriculum outcomes

The qualified student will be equipped with advanced knowledge and skills to identify a relevant research need within the field of Health Sciences of cardiovascular physiology in particular plan and execute a suitable quantitative and/or qualitative research design in a scientific ethical manner and utilize suitable research methods, -techniques and –procedures in the approach; interpret research results in a scientific accountable manner and compile a research report on it.

G.1.11.12.3.2 Compilation of the curriculum: Physiology

Qualification and programme code: 203 171; Curriculum code: G855P

Module code	Descriptive name	Credits
FLGX871	Dissertation: Physiology	192
Total credits for the curriculum		192

G.1.11.13 Programme: Clinical Psychology

Qualification code: 203 176 (F) (Clinical Psychology)

- a) The programme is professional in nature. In developing this curriculum, requirements of the *Health Professions Council of South Africa (HPCSA)*, and national and regional needs were taken into consideration by addressing them in the research focus area COMPRES. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further postgraduate studies in Psychology.
- b) The Clinical Psychology Programme gives an opportunity for specialised and advanced training and is a prerequisite for registration as an intern and eventually Clinical Psychologist at the Health Professions Council of South Africa (HPCSA).
- c) The programme is presented on a fulltime basis and the closing date for applications is 4 July where after a selection process will follow.

G.1.11.13.1 Admission and selection requirements of the programme

- a) An honours degree in Psychology or an applicable equivalent qualification is required;
- b) A paper selection based on academic performance, relevant skills and quality of reference reports will be conducted;
- c) A formal selection process based on an individual in-depth interview by a panel of psychologists, a research assignment, evaluation of traits, skills and potential by means of case studies and group work will be conducted;
- d) A final in-depth interview by a selection panel of internal and external psychologists (departmental and internship representatives) will be conducted.
- e) Final approval is subject to a specific research concept within the focus of the student group.

G.1.11.13.2 Additional requirements and faculty specific rules

- a) An average of 65% in the honours degree is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes. The department is free to terminate a student's study if the academic, behavioural and/or functioning record is unsatisfactory and/or poses a threat to their own health or that of society.
- c) Academic excellence is at all times a priority:
 - A participation mark will be defined and determined for each module. A subminimum of 50% participation mark is required to be able to write examination.
 - A pass mark of 55% per module and an examination sub-minimum of 50% per module are required. The weights for determining the final module mark will be 50% participation mark and 50% examination mark.
 - Candidates will receive a second examination opportunity in a module, only if a paper has been failed, and a maximum mark of 50% will be allocated for such examination opportunity. If the 2nd opportunity is failed the entire year must be repeated. If more than one module are failed the student fails the course.

- If the experiential progress is not as desired, the internship may be extended.

G.1.11.13.3 Curriculum G802P: Clinical Psychology

G.1.11.13.3.1 Curriculum outcomes

The student will comply with the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in Clinical Psychology and will be equipped with specialised and advanced knowledge to provide curative services, diagnose and prevent pathology, and promote bio-psychosocial health as well as primary, secondary and tertiary welfare in individuals, families, organisations and communities; particularly with those people facing serious life challenges and relative serious forms of psychopathology and psychological distress.

G.1.11.13.3.2 Compilation of the curriculum: Clinical Psychology

Qualification-and programme code: 203 176; **Curriculum code:** G802P

Module code	Descriptive name	Credits
PSYK872	Research Theory and Dissertation in Clinical Psychology	100
PSYC879	Child and Adolescent Pathology and Therapy	20
PSYC880	Theory of Psychological Interventions	20
PSYC884	Applied Psychology and Community Interventions	20
PSYC883	Ethics, Psychodiagnostics and Practical work	20
PSYC885	Psychopharmacology, Neuropsychology and advanced Psychopathology in Clinical Psychology	20
Total credits for the curriculum		200

G.1.11.14 Programme: Counselling Psychology

Qualification code: 203 177 (Counselling Psychology)

- The programme is professional in nature. In developing this curriculum, requirements of the *Health Professions Council of South Africa (HPCSA)*, and national and regional needs were taken into consideration by addressing them in the research focus area COMPRES. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further postgraduate studies in Psychology.
- The Counselling Psychology programme gives an opportunity for specialised and advanced training and is a prerequisite for registration as an intern and eventually Counselling Psychologist at the Health Professions Council of South Africa (HPCSA).
- The programme is presented on a fulltime basis and the closing date for applications is 4 July where after a selection process will follow.

G.1.11.14.1 Admission and selection requirements of the programme

- a) An honours degree in Psychology or an applicable equivalent qualification is required;
- b) A paper selection based on academic performance, relevant skills and quality of reference reports will be conducted;
- c) A formal selection process based on an individual in-depth interview by a panel of psychologists, a research assignment, evaluation of traits, skills and potential by means of case studies and group work will be conducted;
- d) A final in-depth interview by a selection panel of internal and external psychologists (departmental and internship representatives) will be conducted.
- e) Final approval is subject to a specific research concept within the focus of the subject group.

G.1.11.14.2 Additional requirements and faculty specific rules

- a) An average of 65% in the honours degree is required.
- b) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes. The department is free to terminate a student's study if the academic, behavioural and/or functioning record is unsatisfactory and/or poses a threat to their own health or that of society.
- c) Academic excellence is at all times a priority:
 - A participation mark will be defined and determined for each module. A subminimum of 50% participation mark is required to be able to write examination.
 - A pass mark of 55% per module and an examination sub-minimum of 50% per module are required. The weights for determining the final module mark will be 50% participation mark and 50% examination mark.
 - Candidates will receive a second examination opportunity in a module, only if a paper has been failed, and a maximum mark of 50% will be allocated for such examination opportunity. If the 2nd opportunity is failed the entire year must be repeated. If more than one module are failed the students fails the course.
 - If the experiential progress is not as desired, the internship may be extended.

G.1.11.14.3 Curriculum G802P: Counselling Psychology

G.1.11.14.3.1 Curriculum outcomes

The student will comply with the requirements of the Health Professions Council of South Africa (HPCSA) to register for an internship in Counselling Psychology and will be equipped with specialised and advanced knowledge to provide curative services, diagnose and prevent pathology, and promote bio-psychosocial health as well as primary, secondary and tertiary welfare in individuals, families, organisations and communities; particularly with those people facing serious life challenges and relative serious forms of psychopathology and psychological distress.

G.1.11.14.3.2 Compilation of the curriculum: Counselling Psychology

Qualification-and programme code: 203 177; Curriculum code: G802P

Module code	Descriptive name	Credits
PSYV872	Research Theory and Dissertation in Counselling Psychology	100
PSYV879	Child and Adolescent Development, Pathology and Therapy	20
PSYV880	Theory of Psychological Interventions in Counselling Psychology	20
PSYV885	Psychopharmacology, Neuropsychology and advanced Psychopathology in Counselling Psychology	20
PSYC884	Applied Psychology and Community Interventions	20
PSYC883	Ethics, Psychodiagnostics and Practical work	20
Total credits for the curriculum		200

G.1.11.15 Programme: Research Psychology

Qualification code: 203 165 (F) (Research Psychology)

- The programme is professional in nature. In developing this curriculum, national and regional needs were taken into consideration by addressing them in the research focus area COMPRES. In composing the curriculum, consideration was given to career possibilities and manpower needs of our country. This curriculum prepares the student for further postgraduate studies in Psychology.
- The Research Psychology Programme gives an opportunity for specialised and advanced training and is a prerequisite for registration as Psychologist at the Health Professions Council of South Africa (HPCSA).
- The programme is presented on a fulltime basis and the closing date for applications is 30 September where after a selection process will follow during October.

G.1.11.15.1 Admission and selection requirements of the programme

- An Honours degree in Psychology is required with at least 65%.
- Passing of a paper-, academic- and personality screening at the completion of the honours degree for admission to the professional programme in Research Psychology;
- Students must submit an application for selection by 30 September. The application should consist of the following: (a) a letter of motivation, (b) complete CV, (c) complete academic record, (d) a two page proposal with possible research topics.
- Students who comply with all the requirements will be invited for a selection interview to determine their potential to benefit from the research programme and will be requested to complete a research assignment.

G.1.11.15.2 Additional requirements and faculty specific rules

- A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes. The

department is free to terminate the studies if a student's academic, behavioural, and/or function record is unsatisfactory and hold a danger to him/her or the public.

- b) Academic excellence is always a prerequisite. A participation mark will be defined and determined for each module. A pass mark of 55 % per module and an examination sub-minimum of 50 % per module are required. Candidates are only allowed a 2nd opportunity in one paper. If the 2nd opportunity is failed the year must be repeated. Should more papers be failed, the candidate fails the course.
- c) If the experiential progress is not as desired, the internship may be extended.

G.1.11.15.3 Curriculum G801P: Research Psychology

G.1.11.15.3.1 Curriculum outcomes

After completing this curriculum, the student should:

- a) demonstrate advanced, systematic and specialist knowledge to undertake research at individual, community and/or interdisciplinary level by applying appropriate research methods and techniques to identify, analyse and formulate complex research problem(s) in the domain of psychology;
- b) demonstrate advanced strategies to obtain, analyse and evaluate applicable information for its relevance and validity;
- c) use applicable quantitative and/or qualitative research methods to provide answers for research phenomena;
- d) interpret results in a scientific manner;
- e) integrate research findings and reflect on it critically;
- f) communicate the findings orally by means of applicable IT and by writing it up in research reports; and
- g) Perform and communicate research in an ethical and scientific manner.

After the successful completion of the academic curriculum and an internship, the student complies with the requirements of the *Health Professions Council of South Africa (HPCSA)* and may register as a Research Psychologist, if the student so desires.

G.1.11.15.3.2 Compilation of the curriculum: Research Psychology

Qualification-and programme code: 203 165; **Curriculum code:** G801P

Module code	Descriptive name	Credits
PSYC872	Dissertation: Research Psychology	116
PSYC874	Critical Research Skills	16
PSYC875	Quantitative Research Methods	16
PSYC876	Qualitative Research Methods	16
PSYC877	Project management	16
Total credits for the curriculum		180

G.1.12 RULES FOR THE DEGREE MASTER OF PHARMACY

Research and training with the aim of obtaining this qualification in the Faculty of Health Sciences are structured in the research niche area: Medicine Usage in South Africa. (MUSA)

Apart from highly exceptional cases that should be approved by the Senate, the research required for this qualification should be done within the niche area Medicine Usage in South Africa.

The objective of the M Pharm degree is to train postgraduate students to be capable of practising at a highly specialised level as specialised pharmacists with the aim of rendering a comprehensive pharmaceutical service to the people of South Africa.

G.1.12.1 Duration (Minimum and maximum)

The **minimum duration** for the study is **one year** and the **maximum duration two years**, calculated from the date of the first registration for the particular programme.

Although a maximum study period of two years is granted by the faculty, students who apply for an additional third study year must note that it will have extensive financial implications for the student.

G.1.12.2 Admission requirements of the qualification

Admission to this qualification is done according to the stipulations of the General Rules of the University and Admission Policy as approved by the Senate and Council in compliance with specific requirements as determined by the faculty.

G.1.12.3 Programme: Pharmacy Practice

Qualification code: 803 104 (F + P) (Pharmacy Practice)

The programme consists of a research project in a research field within the suitable research niche area and culminates in the writing of a dissertation. The general closing date for applications is 30 September. Applications received after this date will be considered on merit.

The programme is presented on a fulltime and part-time basis in Afrikaans and English.

G.1.12.3.1 Admission and selection requirements of the programme

- a) A BPharm degree or an equivalent qualification approved by the Senate is required;
- b) The academic record of a prospective fulltime student with no practise experience will be evaluated during the selection process. For prospective part-time students with practise experience, prior learning will be taken into consideration.
- c) Final selection will take place after an interview with the candidate and is dependent on availability of supervisors.

G.1.12.3.2 Additional requirements and faculty specific rules

- a) In the case of a three year BSc (Pharm) degree additional module work is required as decided by the school director.
- b) Admission to a programme/curriculum can be refused if the standard of proficiency that the student who wants to study further has reached previously in the specific subject(s) does not comply with the requirements of the programme/curriculum.
- c) Relevant experience in the field of the program/curriculum is a requirement for the program/curriculum.
- d) A satisfactory behaviour and functioning record should be maintained on a continual basis by all students in the professional programmes.

G.1.12.3.3 Curriculum G801P/G802P: Pharmacy Practice

G.1.12.3.3.1 Curriculum outcomes

After completion of the programme the student should be able to:

- a) demonstrate advanced / comprehensive specialist knowledge and skills in order to identify relevant research questions within the field of medicine consumption;
- b) plan and execute a suitable quantitative and/or qualitative research design in a scientific and ethical manner by making use of appropriate research methods, techniques and procedures;
- c) interpret and integrate research results in a scientifically accountable manner, and in a scientific and ethical way communicate - orally and in writing - the necessary information in a research report; and
- d) Act as a leader, i.e. ethically and responsibly, in the pharmacists' profession as far as appropriate medicine consumption is concerned.

G.1.12.3.3.2 Compilation of the curriculum: Pharmacy Practice

Qualification- and programme code: 803 104; Curriculum code: G801P

This curriculum, G801P is phasing out and no new students will be submitted in 2016:

Module code	Descriptive name	Credits
FPHA872	Dissertation: Pharmacy Practice	148
FPHA812	Applied Pharmacoepidemiology	16
FPHA811	Applied Pharmacoeconomics	16
Total credits for the curriculum		180

Qualification- and programme code: 803 104; **Curriculum code:** G802P

This curriculum G802P phases in during 2016:

The curriculum consists of two compulsory modules, (FPHA872 and FPHA813)

Module code	Descriptive name	Credits
FPHA872	Dissertation: Pharmacy Practice	148
FPHA813	Research Methodology and introductory biostatistics	16
*FPHA811	Applied Pharmacoeconomics	16
*FPHA814	Disease Management	16
*FPHA812	Applied Pharmacoepidemiology	16
Total credits for the curriculum		180

*Choice modules – select one out of the three modules

G.1.12.4 Programme: Advanced Clinical Pharmacy

No intakes in 2016 for this programme

Qualification code: 803 105 (F + P)

Students in the Master of Pharmacy in Advanced Clinical Pharmacy programmes are provided the opportunity to further their growth beyond entry-level professional competence in patient-centred care, pharmacy management services, and in leadership skills that can be applied in any position regardless of the practice setting. It sets the basis for clinical research and adds the competencies that contribute to working successfully in the health care environment as a motivated and innovative pharmacist.

The course is offered on a two year mixed-mode basis. This programme makes use of a variety of ways to enhance the students' clinical skills (e.g. lectures, exercises, tutorials, workshops, presentations, e-Fundi, and guest speakers). The programme is divided into four semesters (two study years). The first two semesters are intended to broaden the students' knowledge of subjects relating to the specialization through course work and involves teaching modules that students are obliged to attend. The last two semesters are devoted to clinical practice experience, a research project and the completion of a research mini-dissertation (in the article format).

Applications close on the 31st July where after a selection process will follow during August.

G.1.12.4.1 Admission and selection requirements of the programme

- The applicant must have acquired a bachelor degree in Pharmacy (BPharm).
- The selection process involves the evaluation of the applicant's curriculum vitae, a portfolio providing evidence of appropriate clinical experience and of sufficient associated competencies in pharmaceutical care management as well as at least two letters of recommendation from a work colleague or direct manager/supervisor.
- Any scientific articles published by the applicant and/or any protocol or guideline developed by the applicant will be taken into consideration.

- d) Psychometric evaluation as well as written and personal interviews with the programme co-ordinator and postgraduate advice counsel will be conducted during the selection process.
- e) Selection is subject to capacity restrictions.

G.1.12.4.2 Additional requirements and faculty specific rules

- a) A current registration from the South African Pharmacy Board is required.
- b) Evidence of appropriate clinical experience and of sufficient associated competencies in pharmaceutical care management must be provided.
- c) Demonstration of appropriate computer literacy is required to enrol for the programme, either by successful completion of a computer literacy pre-test, or by completing an approved short course in basic computer and internet skills.
- d) The pass rate for each component in the curriculum is 60% excluding the mini-dissertation with pass rate 50%.
- e) In the event of plagiarism, a mark of zero will be awarded.
- f) The research project undertaken is required to be of a standard for publication.

G.1.12.4.3 Curriculum G801P: Advanced Clinical Pharmacy

No intakes in 2016 for this curriculum

G.1.12.4.3.1 Curriculum outcomes

After completion of the curriculum, the student should be able to:

- a) Manage and improve the medication-use process by ensuring a quality medication-use system.
- b) Provide evidence-based, patient-centred medication therapy management within multidisciplinary health care teams.
- c) Exercise leadership and clinical practice management skills through development, implementation, evaluation and provision of pharmaceutical care plan.
- d) Provide advanced clinical services and practice-related evidence-based information, education and training to diverse specialists.
- e) Utilize medical informatics and manage clinical audits of medicine utilisation.
- f) Design, implement and justify clinical programmes (protocol and guideline development as well as policies and procedures) to enhance the efficacy of patient care.
- g) Perform clinical pharmacy research, critically analyse research reports, report own research and apply research findings to specific clinical settings.

G.1.12.4.3.2 Compilation of the curriculum: Advanced Clinical Pharmacy

Qualification- and programme code: 803 105; Curriculum code: G801P

No intakes in 2016 for this curriculum

Module code	Descriptive name	Credits
CLNP811	Clinical Pharmacy, Social Pharmacy, and Professional Practice	16
CLNP812	Clinical Epidemiology, Research Methodology, Biostatistics, and Evidence-based Medicine	32
CLNP821	Clinical Pharmacotherapeutics and Therapeutic Outcomes Management II	40
CLNP813	Clinical Pharmacotherapeutics and Therapeutic Outcomes Management I	24
CLNP814	Clinical Drug Toxicology, Drug Therapy in Oncology and the Management of Drug Abuse	16
CLNP873	Mini-dissertation	64
Credit total for the curriculum		192

G.1.13 RULES FOR THE DEGREE MASTER OF CONSUMER SCIENCES

The curricula for the master's degree or the framework within which the curriculum may be compiled, is determined by the relevant school and/or research entity.

This study may be conducted full time or part-time.

G.1.13.1 Duration (minimum and maximum)

The **minimum duration** of study is **one year**. The **maximum duration** is **two years**.

Although a maximum study period of two year is granted by the faculty, students who apply for an additional third study year must note that it will have extensive financial implications for the student.

G.1.13.2 Admission requirements of the qualification

A student who wishes to register for a Master's degree must have acquired an honours degree or equivalent qualification in the applicable field as approved by the Senate

G.1.13.3 Programme: Consumer Sciences

Qualification code: 836 100 (F + P) (Consumer Sciences)

The closing date for applications is 30 September.

G.1.13.3.1 Admission requirements for the programme

a) General admission requirements of the University hold.

G.1.13.3.2 Additional requirements and faculty specific rules

- a) Admission is based on academic performance during previous studies and experience.
- b) An average academic mark of 60% in the honours programme or equivalent four year B Consumer Sciences programme is required.

- c) STTN111 (Descriptive statistics) or an equivalent statistics course/module is required as a prerequisite, or an additional requirement in the case of projects requiring quantitative methods and result calculations.
- d) The modules, VVBG671 and VNAM671 are compulsory for admission to the programme.
- e) Students who do not comply with the aforementioned requirements may be allowed to write an admissions examination in the modules VVBG671 and VNAM671, which must be passed before final selection will be considered.
- f) The selection process, starting 1 October, consists of a paper selection, based on admission requirements and available capacity. Students will only be admitted to the programme if sufficient capacity is available.
- g) To be taken into consideration for selection, the student must submit a written application to the university. The written application is evaluated during the first paper selection process (A) of the research entity based on admission requirements and available capacity. Prospective students will preferably join existing research projects, as determined by the research entity.
- h) All applicants, meeting the requirements of the first paper selection process (B), will hand in a written assignment on a research topic that is provided, which is not necessarily the topic that the student if accepted will work on for his/her research project.
- i) Applicants who are successful during the second paper selection procedure (C) will be invited for a selection interview as a final selection procedure.

G.1.13.3.3 Curriculum G880P: Consumer Sciences

A student will follow a curriculum consisting of a dissertation.

G.1.13.3.3.1 Curriculum outcomes

After completion of the curriculum the student should be able to:

- a) demonstrate by means of extensive and systematic knowledge bases of consumer behaviour, in-depth and specific knowledge;
- b) demonstrate a coherent and critical understanding of consumer behaviour theory and appropriate research methods, and also to recognise techniques and technology and to apply it to a specific research problem in a specific area;
- c) select complex and true-life problems and to approach them from an ethical basis and solve such problems, to demonstrate with evidence-proven and theory-driven arguments and to evaluate critically the specialised knowledge and skills within other academic environments, and also to raise and vindicate them within a specific epistemology;
- d) master the application of applied research methods, techniques and technology effectively within a specific specialisation field and demonstrate the ability to execute a research project and accordingly record the process in the form of a research report;

- e) show the ability to identify a complex research problem, and to analyse it by systematically and creatively applying theory, literature and research methods within the specialist area;
- f) illustrate advanced information searches and processing skills, to illustrate the identification and critical analysis, synthesis and independent evaluation of qualitative and/or quantitative data, and to be able to do research on an area of specialisation under the leadership of a supervisor; and
- g) Present and communicate the results of research on consumer behaviour over the specialist area concerned effectively to experts in the area as well as non-experts, by making use of appropriate professional and academic resources, and also to submit a research report meeting the standard set by the academic institution involved.

G.1.13.3.3.2 Compilation of the curriculum: Consumer Sciences

Qualification- and programme code: 836 100; **Curriculum code:** G880P

Module code	Descriptive name	Credits
VERB871	Dissertation: Consumer Sciences	184
Total credits for the curriculum		184

G.1.14 RULES FOR THE DEGREE MASTER OF SOCIAL WORK

The curricula for the Master's degree or the framework within which the curricula may be compiled, is determined by the relevant school and/or research entity.

Research and training with the aim of obtaining this qualification in the Faculty of Health Sciences are structured within the focus area COMPRES.

Research and training in Social Work take place under the guidance of the research director, assisted by the director of the School of Psychosocial Behavioural Sciences and personnel of the subject group Social Work.

Apart from highly exceptional cases that have to be approved by the Senate, the research required for this qualification should be done within the focus area COMPRES.

Studies in the Master's degree can be done fulltime or part-time.

G.1.14.1 Duration (minimum and maximum)

- a) The minimum duration of the study is **one year** and the maximum duration is **two years**, calculated from the date of first registration for the specific programme.
- b) Although a maximum study period of two years is granted by the faculty, students who apply for an additional third study year must note that it will have extensive financial implications for the student.

G.1.14.2 Admission requirements of the qualification

- a) A four year Bachelor's degree in Social Work.

- b) Students enrolling for this programme **must** provide proof of registration as Social Worker as required by the Act on Social Service Professions 1978 (Act 110 of 1978).

G.1.14.3 Social Work Curriculums

- a) The student has a choice between four curricula which consist of a dissertation or one of three structured courses.
- b) The dissertation option is aimed for students who want to do research on a topic of their own choice within the focus area of the subject group Social Work and the Faculty of Health Sciences.
- c) The structured curricula are meant for students who want to extend their knowledge base and skills in Social Work on a broad base to practise at an advanced level, or who want to specialise in Social Work in **Forensic Practice** or **Child Protection** or **Play Therapy**.

G.1.14.4 Collective outcomes of the Social Work programmes

The student will be proficient in:

- a) the utilisation of the ecosystem approach in research and the solution of a variety of social problems and needs;
- b) the responsible and effective organisation and management of the self, his/her activities and his/her services;
- c) effective communication where visual, mathematical and language skills are required within the sphere of Social Work research and services;
- d) the effective and critical utilisation of science and technology; and
- e) Making a contribution to the full development of himself/herself and the social and economic development of the community as a whole.

G.1.14.5 Programme: Social Work

Qualification code: 113 104 (F + P) (Social Work)

Completion of this qualification allows students access for admission to doctoral study.

Closing date for applications is 30 September.

G.1.14.5.1 Admission and selection requirements of the programme

- a) A four year Bachelor's degree in Social Work is required.
- b) Candidates must have achieved an average of 65% in the Bachelor's degree in Social Work degree.

G.1.14.5.2 Additional requirements and faculty specific rules

- a) Completion of an academic literacy test and/or psychometric test will be required.
- b) Each applicant will be subject to selection interview conducted by a postgraduate panel of the subject group. For this purpose a structured interview schedule will be used and the average of panellist's ratings will serve as selection criterion.

G.1.14.5.3 Curriculum G801P: Social Work

G.1.14.5.3.1 Curriculum outcomes

After completion of the dissertation the student should be proficient to:

- a) identify a research problem in social work which is in accordance with the research niche areas for the School of Psychosocial Behavioural Sciences;
- b) formulate and apply a research design and procedures;
- c) reproduce the research results in the form of a dissertation of high quality; and
- d) Collaborate effectively with fellow-researchers and research teams, respondents, organisations and communities in the research process.

G.1.14.5.3.2 Compilation of the curriculum: Social Work

Qualification- and programme code: 113 104; **Curriculum code:** G801P

Module code	Descriptive name	Credits
MSWR871	Dissertation: Social Work	180
Total credits for the curriculum		180

G.1.14.6 Programme: Child Protection

Qualification code: 113 108 (F + P) (Child Protection)

Completion of this qualification allows students access for admission to doctoral study.

Closing date for applications is 30 September.

G.1.14.6.1 Admission and selection requirements of the programme

- a) A four year Bachelor's degree in Social Work is required.
- b) Candidates must have achieved an average of 65% in the Bachelor's degree in Social Work degree.

G.1.14.6.2 Additional requirements and faculty specific rules

- a) Completion of an academic literacy test and/or psychometric test will be required.
- b) Each applicant will be subject to selection interview conducted by a postgraduate panel of the subject group. For this purpose a structured interview schedule will be used and the average of panellist's ratings will serve as selection criterion.

G.1.14.6.3 Curriculum G803P: Child Protection

G.1.14.6.3.1 Curriculum outcomes

After completion of the curriculum, students should be able to:

- a) apply extensive and systematic specialist knowledge on the South African child protection system and field, as well as on different forms of

alternative care of children in an ethically accountable manner at macro, meso and micro level in order to protect and empower children;

- b) demonstrate the ability to apply advanced information-gathering and information-processing strategies, as well as critical analysis, synthesis and evaluation in order to debate solutions to complex and real-life problems in the field of child protection, and to support this by means of appropriate theories and principles;
- c) identify complex, unknown and real-life problems in the field of child protection, and investigate with the aid of appropriate research methods, techniques and procedures, and present evidence-based, theory-driven solutions in the form of a supervised mini-dissertation; and
- d) Plan, implement and evaluate appropriate interventions at micro, meso and macro level.

G.1.14.6.3.2 Compilation of the curriculum: Child Protection

Qualification- and programme code: 113 108; **Curriculum code:** G803P

Module code	Descriptive name	Credits
First semester		
MWKF880	Research Theory	32
MWKK874	Child protection as field of service	20
MWKK875	Children as a vulnerable group	20
Second semester		
MWKK873	Mini-dissertation: Child protection	60
MWKC874	Alternative care	20
MWKC875	Adoption	28
Total credits for the curriculum		180

G.1.14.7 Programme: Forensic Practice

Qualification code: 113 109 (F + P) (Forensic Practice)

Completion of this qualification allows students access for admission to doctoral study.

Closing date for applications is 30 September.

G.1.14.7.1 Admission and selection requirements of the programme

- a) A four year Bachelor's degree in Social Work is required.
- b) Candidates must have achieved an average of 65% in the Bachelor's degree in Social Work degree.

G.1.14.7.2 Additional requirements and faculty specific rules

- a) Completion of an academic literacy test and/or psychometric test will be required.
- b) Each applicant will be subject to selection interview conducted by a postgraduate panel of the subject group. For this purpose a structured interview schedule will be used and the average of panellist's ratings will serve as selection criterion.

G.1.14.7.3 Curriculum G801P: Forensic Practice

G.1.14.7.3.1 Curriculum outcomes

After completion of the programme students must be able to:

- a) manage and carry through a full forensic investigation process on the basis of comprehensive theoretical knowledge, which includes the evaluation of children in traumatic real-life situations, as well as the planning of interventions in the process of guidance;
- b) apply his/her knowledge of the applicable legislation correctly and to act ethically and correctly as an expert in court with regard to sexual abuse; and
- c) Undertake a practice-related research project on the basis of appropriate techniques and methods and report on the matter in the form of an article.

G.1.14.7.3.2 Compilation of the curriculum: Forensic Practice

Qualification- and programme code: 113 109; **Curriculum code:** G801P

Module code	Descriptive name	Credits
MWKF873	Mini-dissertation: Forensic Practise (Semesters 1 and 2)	60
MWKF876	General Child Assessment (Semester 1)	24
MWKF877	Sexual Abuse and Physical Battering (Semester 1)	24
MWKF878	Trauma Assessment and Investigation Process (Semester 2)	24
MWKF879	Report Writing and the Social Worker as Expert in Court (Semester 2)	24
MWKF880	Research Theory (Semesters 1 and 2)	32
Total credits for the curriculum		188

G.1.14.8 Programme: Play Therapy

This programme is phasing out in 2015, no new students will be admitted.

Qualification code: 113 110 (V + D)

The major goal for student intake is therefore to provide a comprehensive basis of professionals working with children through-out Southern Africa. Through the training the nature, scope, extent and level of professional services, which will form the basis for the development of appropriate norms and standards for service delivery, will be addressed.

G.1.14.8.1 Admission and selection requirements of the programme

- a) A four year Bachelor's degree in Social Work is required.
- b) Candidates must have achieved an average of 65% in the BSW degree.

G.1.14.8.2 Additional requirements and faculty specific rules

- a) Completion of an academic literacy test and/or psychometric test will be required.
- b) Each applicant will be subject to selection interview conducted by a postgraduate panel of the subject group. For this purpose a structured interview schedule will be used and the average of panellist's ratings will serve as selection criterion.
- c) It is highly recommended that students enrolling for this programme must submit proof of immunisation against Hepatitis B.

G.1.14.8.3 Curriculum G801P: Play Therapy

Qualification- and programme code: 113 110; Curriculum code: G801P

Module code	Descriptive name	Credits
MWKP873	Mini-dissertation: Play Therapy	60
MWKP811	Basic principles, theories and philosophy of play therapy	22
MWKP812	The child as client	22
MWKP813	Play therapy intervention with children	22
MWKP821	Community based play therapy intervention	22
MWKP880	Research theory and community engagement	32
Credit total for the curriculum		180

G.1.15 RULES FOR THE DEGREE MASTER OF NURSING SCIENCE

Research and training with the aim of obtaining this qualification in the Faculty of Health Sciences are structured in the School of Nursing Sciences and the research focus area INSINQ (Quality in Nursing and Midwifery).

Research and training in the various programmes indicated below take place under the guidance of the Director of the research focus area INSINQ (Quality in Nursing and Midwifery), whilst lectured modules are managed by the School of Nursing Sciences and the staff of the different subject groups.

The research that is required for this qualification could be done within the research entity.

The following curricula may be chosen: Health Service Management; Health Science Education; Professional Nursing; Community Nursing; Psychiatric Community Nursing; Midwifery and Neonatal Nursing; and Nursing depending on availability of study supervisors.

The Master's degree can be conducted on a fulltime and part-time basis.

G.1.15.1 Duration (minimum and maximum)

- a) The **minimum duration** of the study is **one year** and the **maximum duration two years**, calculated from the date of the first registration for the specific programme.
- b) Although a maximum study period of two years is granted by the faculty, students who apply for an additional third study year must note that it will have extensive financial implications for the student.

G.1.15.2 Admission requirements of the qualification

A four year Bachelors qualification in Nursing Science or any other equivalent qualification approved by the Senate is required. Specific admission requirements for the particular curriculums in this programme are mentioned below.

G.1.15.3 Collective outcomes

After completion of the qualification, the specialist nursing professional should be able to:

- a) demonstrate specialist knowledge to enable engagement with and critique of current research or practices as well as focused research in the fields of nursing and/or health science;
- b) evaluate current processes of knowledge production and choose an appropriate process of enquiry for the area of study or practice;
- c) process a command of and ability to design, select and apply appropriate and creative research methods, techniques, processes or technologies to research problems in the fields of nursing and/or health science;
- d) to use a range of research skills in identifying, conceptualising, designing and implementing methods of enquiry to address complex and challenging problems in the fields of nursing and/or health science;
- e) to make autonomous ethical decisions which affect research, and an ability to critically contribute to the development of ethical standards in the context of nursing and/or health science;
- f) to design and implement a strategy for the processing and management of information, in order to conduct a comprehensive review of leading and current research to produce significant insights;
- g) to use the resources of academic and professional or occupational discourses to communicate and defend substantial ideas that are the products of research or development in nursing and/or health science; and use a range of advanced and specialised skills and discourses appropriate to a field, discipline or practice,
- h) to communicate to a range of audiences with different levels of knowledge or expertise;
- i) to develop his or her own learning strategies which sustain independent learning and academic or professional development, and can interact effectively within the learning or professional group as a means of enhancing learning; and
- j) To operate independently and take full responsibility for his or her own work, and, where appropriate, to account for leading and initiating processes and implementing systems, ensuring good resource management and governance practices.

G.1.15.4 Programme: Research Master's degree (Dissertation)

Qualification Code: 833 100 (F + P)

The qualified student should be able to practise as a leader and independent practitioner together with other multi-disciplinary team members within the health care system. As leader, he/she should be able to practise professional, comprehensive, high-quality; scientifically founded nursing this health care should be able to supply the needs of the time, the province, the country and the person. Health care at this level is characterized /driven by service delivery, involvement in policy development. The masters prepared professional demonstrates leadership, continues professional development and lifelong learning. He/she role models scholarship in health and mentors others.

This programme includes the curricula for Community Nursing, Health Service Management, Health Science Education, Professional Nursing and Nursing.

Closing date for applications is 30 September.

G.1.15.4.1 Admission and selection requirements of the programme

Students should provide proof that he/she has already obtained a first bachelor's degree or equivalent qualification¹.

G.1.15.4.2 Additional requirements and faculty specific rules

- a) Students, who want to practise as a nurse in South Africa, should provide proof of registration as a nurse at the South African Nursing Council.
- b) To be admitted to **any of the programmes/curricula**, a student should have obtained at least **60% in the research methodology module** of the B degree or equivalent qualification.
- c) The selection process will take place from the 1st of October. The director of INSINQ and experts of the particular study field/programme will select candidates based on documents presented with application, an essay for evaluation of the candidate's writing and arguing skills and other procedures as necessary;
- d) Successful completion of Research Methodology (VPKN874) with at least 60% and presentation of an acceptable research proposal are required to progress to the second study year. The studies of students who do not comply with the criteria may be terminated.

Further stipulations in the specified curriculum:

a) Community Nursing

A student who wishes to specialise in Community Nursing should have a Bachelor's degree in Nursing Science with Community Nursing as major. If the Bachelor's degree did not include the specified major, an additional qualification in Community Nursing is required.

b) Health Services Management

A student who wishes to specialise in Health Services Management should have a Bachelor's degree in Nursing Science with Health Services Management as major. If the Bachelor's degree did not include the specified major, an additional qualification in Health Services Management is required.

c) Health Sciences Education

A student who wishes to specialise in Health Sciences Education should have a Bachelor's degree in Nursing Science with Health Sciences Education as major. If the Bachelor's degree did not include the specified major, an additional qualification in Health Sciences Education is required.

d) Professional Nursing

A student who wishes to specialise in Professional Nursing should have a Bachelor's degree in Nursing Science

e) Nursing

A student registering for this curriculum should have a Bachelor's degree in Nursing Science.

G.1.15.4.3 Curriculum G830P: Community Nursing

G.1.15.4.3.1 Curriculum outcomes

After completing the curriculum, the student should be able to facilitate the quality of life of the person, family and/or the community by conducting research that contributes to scientifically grounded practice namely promoting, maintaining and restoring health within a community-centred, cultural sensitive approach.

G.1.15.4.3.2 Compilation of the curriculum: Community Nursing

Qualification- and programme code: 833 100; **Curriculum code:** G830P

Module code	Descriptive name	Credits
VPGV872	Dissertation: Community Nursing	152
VPKN874	Research methodology	32
Total credits for the curriculum		184

G.1.15.4.4 Curriculum G831P: Health Service Management

G.1.15.4.4.1 Curriculum outcomes

After completing the curriculum, the student should be able to manage health services in a community-centred, culture sensitive way with the objective to facilitate the person's, family's and/or community's health.

G.1.15.4.4.2 Compilation of the curriculum: Health Service Management

Qualification- and programme code: 833 100; **Curriculum code:** G831P

Module code	Descriptive name	Credits
VPBV872	Dissertation: Health Services Management	152
VPKN874	Research methodology	32
Total credits for the curriculum		184

G.1.15.4.5 Curriculum: G832P: Health Science Education

G.1.15.4.5.1 Curriculum outcomes

After completing the curriculum, the student should be able to facilitate the quality of life of the person, family and/or community in a community-centred, culture sensitive way through health science education.

G.1.15.4.5.2 Compilation of the curriculum: Health Science Education

Qualification- and programme code: 833 100; **Curriculum code:** G832P

Module code	Descriptive name	Credits
VPKN874	Research methodology	32
VPOV872	Dissertation: Health Sciences Education	152
Total credits for the curriculum		184

G.1.15.4.6 Curriculum G833P: Professional Nursing

G.1.15.4.6.1 Curriculum outcomes

After completing the curriculum, the student should be able to facilitate the quality of life of the patient by promoting, maintaining and restoring health in a community-centred, culture sensitive approach.

G.1.15.4.6.2 Compilation of the curriculum: Professional Nursing

Qualification- and programme code: 833 100; **Curriculum code:** G833P

Module code	Descriptive name	Credits
VPKN874	Research methodology	32
VPKV872	Dissertation: Professional Nursing	152
Total credits for the curriculum		184

G.1.15.4.7 Curriculum G836P: Nursing

G.1.15.4.7.1 Curriculum outcomes

After completion of the curriculum, the student should be able to facilitate quality of life of the patient by promoting, maintaining and restoring health within a community-centred, culture sensitive approach.

G.1.15.4.7.2 Compilation of the curriculum: Nursing

Qualification- and programme code: 833 100; **Curriculum code:** G836P

Module code	Descriptive name	Credits
VPKN874	Research methodology	32
VPVV872	Dissertation: Nursing	152
Total credits for the curriculum		184

G.1.15.5 Programme: Structured Master's Degree (Mini-dissertation)

Qualification code: 833 100 (F + P)

After completing the degree as a nursing specialist, a student can apply for registration as an advanced nurse at the South African Nursing Council. He/she should be able to practise effectively as a leader, researcher and independent practitioner together with other multi-disciplinary team members within the health care system. As a leader, he/she should be able to conduct research and practise professional, comprehensive, high-quality, scientifically founded Nursing Science. Nursing at this level should be able to supply in the needs of the time, the province, the country and the person. It will be directed at service, care and culture sensitivity and will be based on the primary health approach. The nursing specialist should be in continual pursuit of personal and professional growth and health and also facilitate the patient's pursuit of health.

This programme includes Psychiatric Community Nursing, as well as Midwifery and Neonatal Nursing. Prospective students will be subject to a selection process and availability of capacity in the subject field.

(Note: The curriculum in Midwifery and Neonatal Nursing Science will not be presented in 2016.)

Closing date for applications is 30 September.

G.1.15.5.1 Admission and selection requirements of the programme

- a) Students should provide proof that they have obtained a three or four year bachelor's degree in Nursing Science or equivalent qualification¹.

G.1.15.5.2 Additional requirements and faculty specific rules

- a) If a student wants to practise as a nurse in South Africa, he/she should provide proof of registration as a nurse at the South African Nursing Council at the beginning of every study year;
- b) To specialise in any of the Nursing programmes/curricula, the student should supply proof of a special registration at the South African Nursing Council or of an equivalent registration if the student is not a South African citizen²;
- c) To be **admitted to any of the programmes/curricula**, a student should have obtained **at least 60% in the research methodology module and relevant clinical specialization** of bachelor's degree or equivalent qualification.
- d) The selection process will take place from the 1st of October. The school director, the director of INSINQ and experts of the particular study field/programme will select candidates based on documents presented with application; an essay for evaluation of the candidate's writing and arguing skills and other procedures as necessary.
- e) Successful completion of Research Methodology (VPKN874) with at least 60% and the presentation of an acceptable research proposal are required for progress to the second study year. The studies of students who do not comply with the criteria may be terminated.

Further stipulations in the specified curriculum:

a) Psychiatric Community Nursing

A student who wishes to specialise in Psychiatric Community Nursing should have a four year Bachelor's degree in Nursing with Psychiatric Community Nursing as a major, or a three year Bachelor's degree in Nursing Science and a diploma in Psychiatric Community Nursing. The candidate should have obtained at least 60% in the final module of psychiatric nursing science in the Bachelor's degree or equivalent. Apart from the mentioned academic selection, the candidate will also undergo a further selection process which takes place from the 1st of November.

b) Midwifery and Neonatal Nursing

The curriculum will not be presented in 2016

A student who wishes to specialise in Midwifery and Neonatal Nursing should have a four-year Bachelor's degree in Nursing Science with Midwifery and Neonatal Nursing as a major, or a three-year Bachelor's degree in Nursing Science and a Diploma in Midwifery.

G.1.15.5.3 Curriculum G834P: Psychiatric Community Nursing

G.1.15.5.3.1 Curriculum outcomes

The student should be able to apply to register as a nursing specialist in Psychiatric Community Nursing by the South African Nursing Council. He/she should be able to:

- a) Conduct research,
- b) facilitate the promotion, maintenance and restoring of mental health;
- c) demonstrate critical-analytical, problem-solving mental skills, as well as apply ethical principles in the nursing practice;
- d) integrate professional and personal values and norms in ethical-legal practising of Psychiatric Community Nursing;
- e) gather, analyse and evaluate mental health information critically;
- f) show awareness regarding the importance of effective learning strategies, responsible citizenship, culture sensitivity, teaching, occupational matters and entrepreneurial capabilities in Psychiatric Community Nursing;
- g) organise and manage effectively himself/herself and activities in Mental Health;
- h) facilitate psychiatric health care as a specialist researcher, practitioner, leader therapist, consultant and companion;
- i) apply intra- and interpersonal skills in the handling of stress and conflict to facilitate his/her own pursuit of wholeness, as well as that of others;
- j) work as an independent practitioner, leader and consultant together with other disciplines within the health care system and the community health services in order to promote, maintain and restore mental health, and to promote an effective lifestyle;
- k) apply advanced scientific principles regarding Psychiatric Community – Nursing;

- l) act as a health service facilitator to render quality Psychiatric Community Nursing;
- m) utilise and bring about reference sources or mobilise them by means of the development of networks;
- n) create and/or use teaching opportunities to facilitate and optimise mental health;
- o) contribute significantly to the formulation of mental health policies in Nursing;
- p) maintain professional excellence and capability by continual learning; and
- q) Use science and technology effectively and critically, showing responsibility regarding the environment and the health of others.

G.1.15.5.3.2 Compilation of the curriculum: Psychiatric Community Nursing

Qualification- and programme code: 833 100; **Curriculum code:** G834P

Module code	Descriptive name	Credits
VPEK874	Clinical Psychiatric Nursing	32
VPEK875	Psychiatric Nursing Skills and Methods	32
VPEK876	Psychiatric Nursing Practice, Leadership and Consultation	32
VPEP884	Psychiatric Community Nursing Practice	48
VPES873	Mini-dissertation: Psychiatric Community Nursing	112
VPKN874	Research Methodology	32
Total credits for the curriculum		288

G.1.15.5.4 Curriculum G835P: Midwifery and Neonatal Nursing

Prospective students will be subject to a selection process and availability of capacity in the subject field.

Note: The curriculum will not be presented in 2016

G.1.15.5.4.1 Curriculum outcomes

The qualified student may register as an advanced nurse in Midwifery and Neonatal Nursing Science at the South African Nursing Council. After completing the curriculum, he/she should be able to:

- a) facilitate the promotion, maintenance and restoring of the health of the mother and child;
- b) demonstrate critical-analytical, problem-solving mental skills, as well as apply ethical principles during the practise of Midwifery and Neonatal Nursing;
- c) integrate professional and personal values and norms in the ethical-legal practising of Midwifery and Neonatal Nursing;
- d) analyse, organise and evaluate health information regarding the mother and child critically;

- e) show awareness regarding the importance of effective learning strategies, responsible citizenship, culture sensitivity, teaching, occupational matters and entrepreneurial capabilities in Midwifery and Neonatological Nursing;
- f) organise and manage herself/himself and activities effectively in mother and child care;
- g) facilitate Midwifery and Neonatal Health care as a specialist practitioner, leader, researcher and consultant;
- h) apply intra- and interpersonal skills in the handling of stress and conflict to facilitate his/her own pursuit of wholeness, as well as that of others;
- i) collaborate as an independent practitioner, leader and consultant with other disciplines within the health care system and the community health service for promoting, maintaining and restoring the health of the mother and child;
- j) act as a health care facilitator for rendering quality Midwifery and Neonatal Nursing;
- k) create and/or use teaching opportunities to facilitate and optimise the health of the mother and child;
- l) develop and implement standards for quality assurance;
- m) bring about, utilise and mobilise reference sources for the development of networks;
- n) facilitate personal and professional development;
- o) contribute significantly to the formulation of policies regarding the mother and child, as well as the development of Midwifery and Neonatal Nursing;
- p) maintain professional excellence and capability by continual learning; and
- q) Use science and technology effectively and critically, showing responsibility regarding the environment and the health of others.

G.1.15.5.4.2 Compilation of the curriculum: Midwifery and Neonatal Nursing

Qualification- and programme code: 833 100; **Curriculum code:** G835P

Module code	Descriptive name	Credits
VPKN874	Research Methodology	32
VPVK874	The Specialist Midwife as Practitioner, Leader and Consultant	16
VPVK875	The Specialist Midwife as Clinician in Ante-, Intra- and Postpartum Context	32
VPVK876	The Specialist Midwife as Clinician in the Neonatal Context	16
VPVP884	Midwifery and Neonatal Nursing Science Practice	48
VPVS873	Mini-dissertation: Midwifery and Neonatal Nursing Science	112
Total credits for the curriculum		256

¹ An equivalent qualification may include the following:

- a) A four-year diploma in Nursing Science that leads to registration as a nurse (General, Psychiatric, Community) and Midwife **and** an advanced university diploma, e.g. in Health Science Education or Health Service Management.

² If the student is not a South African citizen or if there is uncertainty about his/her qualification, the following procedure should be followed to apply for admission:

- b) It may be expected from the student to subject his/her qualifications for evaluation to the South African Qualification Authority (SAQA).

If SAQA determines that the qualifications of the student are equal or equivalent to those stated above, the school reserves the right to advise the student to obtain a bachelor's degree or a master's degree (whichever is applicable) first to get provisional selection (dependent on successful completion of Research Methodology [VPKN874] and the successful completion of the research proposal).

G.1.16 RULES FOR THE DEGREE MASTER OF HEALTH SCIENCES IN TRANSDISCIPLINARY HEALTH PROMOTION

Qualification code: 862 100

This qualification is only presented in English.

This qualification affords health professionals access to doctoral studies, subsequently increasing the candidate pool for leadership in health. The programme will offer candidates from various disciplines articulation on different levels (both horizontal and vertical) along the teaching-learning-research-practice continuum with possibilities to articulate towards transdisciplinary research. Researchers from different backgrounds (disciplines/scientific fields) will get the opportunity to transcend disciplined focused conceptual, theoretical and methodological frameworks, share their ideas and results, and thus enhance their knowledge in order to understand health and alleviate health problems, resulting in an improved quality of life.

This degree is presented fulltime or part-time via contact learning with a blended learning environment approach, including two theoretical modules as well as a research dissertation via contact and on-line delivery.

The general closing date for applications is 30 September and applications received after this date will be selected on merit.

G.1.16.1 Duration (minimum and maximum)

The **minimum duration** of the study is **one year** and the **maximum duration two years**, calculated from the date of first registration for the specific programme.

Although a maximum study period of two years is granted by the faculty, students who apply for an additional third study year must note that it will have extensive financial implications for the student.

G.1.16.2 Admission requirements of the qualification

- a) A relevant four-year professional bachelor degree in Health Sciences, or a relevant three-year and honours degree in Health Sciences or a health-related discipline, including biology, demography, economics, epidemiology, gerontology, the human sciences, medicine, nutrition, psychiatry, psychology, public health, social policy, nursing and sociology.
- b) Paper selection criteria such as academic achievement (a final mark of 60% applies for the previous qualification) and relevant experience.

- c) Successful completion of a quality scientifically written essay according to specific guidelines.
- d) A formal individual in-depth interview by a selection panel of researchers.
- e) Selection by a selection committee takes effect on October 1 and is subject to the academic performance of the student, and available capacity in the subject field. Students who meet the requirements will be invited to an interview.
- f) Selection is subject to approval by the research director.
- g) Access to and skills in computer technology as this qualification will be delivered via a blended mode and many of the materials and activities will have to be completed on-line.

G.1.16.2.1 Additional requirements and faculty specific rules

- a) Apart from the formal requirements, related to university admission, candidates who want to enrol for the masters of Health Sciences in Transdisciplinary Health Promotion must:
 - demonstrate the information-gathering, analysis and presentation skills required for study at exit level 8 on the NQF;
 - demonstrate understanding of and the ability to communicate accurately and comprehensively in the required medium of instruction;
 - take responsibility for their own learning and its progress within a structured learning environment;
 - demonstrate the ability to monitor and evaluate their own performance;
 - have adequate basic knowledge of the discipline he/she represents to be able to argue the contribution of that discipline in a transdisciplinary team.
 - have a final mark of 60% applies for the previous qualification.
- b) Students apply directly to the NWU for admission.
- c) Validity of admission and selection criteria is overseen by the Faculty of Health Sciences and the Campus Senate of the Potchefstroom campus.
- d) Students from foreign countries are requested to have their degrees validated by SAQA before admission.

G.1.16.3 Programme: Transdisciplinary Health Promotion

Qualification- and programme code 862 100 (F+P) (Transdisciplinary Health Promotion)

The programme will enable health-care professionals from various disciplines to assist communities in increasing control over and improvement of their own health. The health-care professionals will be able to act as leaders, consultants, educators, specialist practitioners and researchers in transdisciplinary health promotion.

The programme consists of two (2) compulsory theoretical core modules (16 credits each) providing the necessary grounding for the third module (148 credits) in applied transdisciplinary health research. The three modules are completed in the same year for fulltime studies or in two years for part-time students. Module one (1) is a contact session and module two (2) is web-based. Module three (3) is the research project and dissertation.

Progression rules: Should a theoretical module be failed a second chance will be afforded. In the case of the dissertation the assessment and moderation policy and faculty rules of the university apply.

G.1.16.3.1 Curriculum: Transdisciplinary Health Promotion: G801P

The curriculum in this program is of an academic nature. Health-care professionals who are credited with this qualification will be able to function with advanced intellectual and practical competencies in complex and ill-defined areas of health, focusing on a transdisciplinary team approach of health promotion across the total life span. The programme aims at advancing existing professional skills and developing research skills, but does not lead to an additional professional qualification.

G.1.16.3.1.1 Curriculum outcomes

Transdisciplinary Health Promotion: G801P

After completion of this module the student should be able to have:

- a) advanced, systematic and specialist knowledge, understanding and skills to undertake research on individual, community and/or interdisciplinary level by applying appropriate research methods and techniques to identify, analyse and formulate complex real-world research problem(s) in the domain of transdisciplinary health promotion, and to communicate and defend, orally and in writing, substantial ideas;
- b) knowledge and critical understanding of international and national population trends and community needs, with special focus on health promotion, both globally and in South Africa;
- c) the competency to undertake a critical and relevant literature survey, to apply theories and specialised tools and techniques in identifying and analysing complex real-world health problems and to draw valid, reliable and relevant conclusions from different sources; and
- d) The ability to communicate (with the help of a supervisor) results of the research effectively and ethically in a coherent dissertation and present this verbally to a specialist and non-specialist audience by using the resources of an academic-professional discourse, including IT.

G.1.16.3.1.2 Composition of curriculum: Transdisciplinary Health Promotion

Qualification- and programme code: 862 100; Curriculum: G801P

Module code	Descriptive name	Credits
TDHP811	Research methodology	16
TDHP812	Transdisciplinary health promotion	16
TDHP872	Dissertation: Transdisciplinary health promotion	148
Credit total for the curriculum		180

G.1.17 RULES FOR THE DEGREE MASTER OF HEALTH SCIENCES IN GERONTOLOGY

Qualification code: 862 101

Health care professionals credited with this qualification will be able to function with advanced intellectual and practical competencies in complex and ill-defined areas of health focusing on a transdisciplinary team approach of health promotion in old age. The programme aims at advancing existing professional skills and developing research skills but do not lead to an additional professional qualification.

The programme will enable health care professionals from various disciplines to assist the elderly in communities to increase control over and improve their own health. The health care professional will be able to act as leaders, consultants, educators, specialist practitioners and researchers in gerontology.

This qualification affords health professionals access to doctoral studies, further increasing the candidate pool for leadership in health.

The closing date for applications is: 30 September

G.1.17.1 Duration (minimum and maximum)

The **minimum duration** of the study is **one year** and the **maximum duration two years**, calculated from the date of first registration for the specific programme.

Although a maximum study period of two years is granted by the faculty, students who apply for an additional third study year must note that it will have extensive financial implications for the student.

G.1.17.2 Admission requirements of the qualification

- a) Students should have a four-year or Honours qualification in any relevant health related discipline, including biology, demography, economics, epidemiology, gerontology, the human sciences, medicine, psychiatry, psychology, public health, social policy, nursing and sociology.
- b) Experience in gerontology will be an advantage.

G.1.17.2.1 Additional requirements and faculty specific rules

Students apply directly to the NWU for admission.

G.1.17.3 Programme: Gerontology

The curriculum focuses on both the bio-medical and the social sciences perspectives on gerontology, and supports a multi-disciplinary approach to the ageing phenomenon. Completion of this curriculum of the Master's degree will equip students to register for a doctoral degree in the field of the Health Sciences.

Qualification- and programme code 862 101 (F+P) (Gerontology)

G.1.17.3.1 Curriculum: Gerontology: G801P

The purpose of the curriculum is to equip students from a variety of disciplines to develop a comprehensive understanding of causes, dynamics and implications of individual and societal ageing in order for them to promote the well-being and quality of life of older people; meet older people's present and projected needs; enable older people to remain within their own communities for as long as possible; apply new knowledge to plan and implement appropriate interventions, activities and proposals within complex contexts such as HIV/AIDS, poverty as well as changing family dynamics.

G.1.17.3.1.1 Curriculum outcomes

Gerontology: G801P

After completing this curriculum, the student should demonstrate:

- advanced, systematic and specialist knowledge, understanding and skill to undertake research on individual, community and/or interdisciplinary level by applying appropriate research methods and techniques to identify, analyse and formulate complex research problem(s) in the domain of gerontology;
- knowledge and critical understanding of international and national population trends with special focus on population and individual aging both globally and in South Africa;
- an ability to analyse, compare and understand the key theoretical and conceptual approaches to gerontology from both a bio-medical and a social science perspective;
- knowledge and critical understanding of current and emerging individual and community needs related to the ageing process in lieu of the complex realities facing older people in South Africa;
- an ability to recognize and utilize the strengths of and contributions from older persons to deal with the complex realities of ageing in a national and global context and to promote the concept of positive ageing; and
- the skill to draw valid, reliable and relevant conclusions from different sources in order to apply these in micro-, meso- and macro level-interventions; and
- to translate demographic ageing challenges into policy frameworks

G.1.17.3.1.2 Composition of curriculum: Gerontology

Qualification- and programme code: 862 101; Curriculum: G801P

Module code	Descriptive name	Credits
TDHP811	Research methodology	16
TDHP812	Transdisciplinary health promotion	16
GRTL813	Population ageing and policies	16
GRTL814	Bio-medical and social theories	16
GRTL815	Quality of life and well-being of older persons	8
GRTL816	Gerontological interventions	8
GRTL873	Mini-dissertation: Gerontology	100
Credit total for the curriculum		180

G.1.18 RULES FOR THE DEGREE DOCTOR OF PHILOSOPHY (PhD)

G.1.18.1 Duration (minimum and maximum)

The **minimum duration** of the study is **two years** and the **maximum duration three years**, calculated from the date of first registration for the specific programme.

Although a maximum study period of three years is granted by the faculty, students who apply for an additional fourth study year must note that it will have extensive financial implications for the student.

G.1.18.2 Admission requirements of the qualification

A Master's degree or equivalent qualification as approved by Senate is essential for admission to a doctoral degree.

G.1.18.3 Programme: Human Movement Science

Qualification code: 805 109 (F + P) (Human Movement Science)

The curriculum composed in this programme is of an academic nature. The curriculum provides an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Human Movement Science.

Applications should be submitted by 11th September. (After this date applications will be considered on merit).

G.1.18.3.1 Admission requirements for the programme

- A Master's degree or equivalent qualification as approved by Senate is required.
- Admission is subject to approval by the school - and research director.
- A selection process by an internal selection panel takes place during October to November.

G.1.18.3.2 Additional requirements and faculty specific rules

The student should pass the master's degree with an average of at least 60%.

G.1.18.3.3 Curriculum G925P: Human Movement Science

G.1.18.3.3.1 Curriculum outcomes

After the curriculum has been completed, the student should have:

- a) a comprehensive and systematic knowledge of Human Movement Science and be able to identify practical problems through the most advanced research methods, techniques and technologies in the field of Human Movement Science, research them by collecting, analysing and evaluating data and appropriate information and become involved in advanced and scientific debates at the forefront of an area of specialisation;
- b) the ability to undertake substantial, independent research with an advanced scientific character that will lead to the (re)interpretation and development of knowledge deemed to be publishable by peers, and present and communicate these research results and own opinion effectively to specialist and non-specialist audiences; and
- c) Deliver a thesis that complies with international standards for scientific papers.

G.1.18.3.3.2 Compilation of the curriculum: Human Movement Science

Qualification- and programme code: 805 109; **Curriculum code:** G925P

Module code	Descriptive name	Credits
MBWK971	Thesis: Human Movement Science	360
Total credits for the curriculum		360

G.1.18.4 Programme: Recreation Science

Qualification code: 805 111 (F + P) (Recreation Science)

The curriculum composed in this programme is of an academic nature. The curriculum provides an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Recreation.

Applications should be submitted by 11 September. (After this date applications will be considered on merit).

G.1.18.4.1 Admission requirements for the programme

- a) A Master's degree or equivalent qualification as approved by Senate is required.
- b) Admission is subject to approval by the school - and research director.
- c) A selection process by an internal selection panel takes place during October to November.

G.1.18.4.2 Additional requirements and faculty specific rules

The student should pass the Master's degree with an average mark of at least 60%.

G.1.18.4.3 Curriculum G935P: Recreation Science

G.1.18.4.3.1 Curriculum outcomes

After the curriculum has been completed, the student:

- a) have a comprehensive and systematic knowledge of Recreation Science and be able to identify practical problems through the most advanced research methods, techniques and technologies in the field Recreation Science, research them by collecting, analysing and evaluating data and appropriate information and become involved in advanced and scientific debates at the forefront of an area of specialisation;
- b) the ability to undertake substantial, independent research with an advanced scientific character that will lead to the (re)interpretation and development of knowledge deemed to be publishable by peers, and present and communicate these research results and own opinion effectively to specialist and non-specialist audiences; and
- c) Deliver a thesis that complies with international standards for scientific papers.

G.1.18.4.3.2 Compilation of the curriculum: Recreation Science

Qualification- and programme code: 805 111; **Curriculum code:** G935P

Module code	Descriptive name	Credits
RKKX971	Thesis: Recreation Sciences	360
Total credits for the curriculum		360

G.1.18.5 Programme: Pharmaceutical Chemistry

Qualification code: 805 116 (F) (Pharmaceutical Chemistry)

The PhD degree is a research-based degree and consists of a study (research project) and a thesis in one of the following curriculum: Pharmaceutical Chemistry.

The curriculum is presented on a fulltime basis in Afrikaans and English.

The general closing date for applications is 31 October. (After this date applications will be considered on merit).

G.1.18.5.1 Admission and selection requirements of the programme

- a) A Master's degree or equivalent qualification as approved by Senate is required in the particular field of specialization.
- b) Selection involves the submission of a formal application form, an internal selection form and curriculum vitae by the applicant as well as a possible interview by the sub-programme leader and researchers.
- c) Admission may be refused if the standard of proficiency that the student has acquired previously in the specific subject(s) in which the student

wants to study further does not meet the requirements of the program/curriculum.

G.1.18.5.2 Additional requirements and faculty specific rules

In the case where a student gets permission to present a thesis in the form of research articles, the stipulations of the General Rules hold. (par. 5.4.2.7)

G.1.18.5.3 Curriculum G910P: Pharmaceutical Chemistry

This curriculum has a dual aim, namely:

- 1) for the student who has reached the level of a master's degree in the Pharmaceutical Sciences and Practice, to show with a doctoral thesis that he/she has made a significant contribution to the development of (1) new scientific knowledge, and/or (2) new skills in a specific research field, thus making an addition of value to the community in the fields of knowledge and skills in his/her specific field, and
- 2) To provide South Africa with advanced pharmaceutical scientists and practising manpower with advanced theoretical and practical knowledge in different pharmaceutical-scientific and practice disciplines. With this qualification the student can contribute to a broadening of the leadership base for innovative and knowledge-based economic and scholastic activities in the country.

G.1.18.5.3.1 Curriculum outcomes

- a) Over and above the outcomes and criteria as described by the BPharm-Hons BSc-, MSc- and MPharm degrees, the student will be able to (1) practise at a highly specialised level as pharmacist, (2) distinguish himself/herself as a leader in the field, and (3) apply Research Methodology at this level and in the specific field.
- b) Furthermore, the student will be able to (1) execute advanced functions of a pharmacist, (2) act as a leader in the profession and functions of the profession, (3) apply Research Methodology, (4) solve problems, (5) act as an independent researcher, (6) lead research programmes, (7) act as a supervisor/co-supervisor for students up to the PhD level, (8) find research funds, and (9) make known research results by seminars and lectures.

G.1.18.5.3.2 Compilation of the curriculum: Pharmaceutical Chemistry

Qualification- and programme code: 805 116; **Curriculum code:** G910P

Module code	Descriptive name	Credits
FCHG971	Thesis: Pharmaceutical Chemistry	360
Total credits for the curriculum		360

G.1.18.6 Programme: Pharmaceutics

Qualification code: 805 117 (F) (Pharmaceutics)

The PhD degree is a research-based degree and consists of a study (research project) and a thesis in Pharmaceutics.

The curriculum is presented on a fulltime basis in Afrikaans and English.

The general closing date for applications is 31 October. (After this date applications will be considered on merit)

G.1.18.6.1 Admission and selection requirements of the programme

- a) A master's degree or equivalent qualification as approved by Senate is required in the particular field of specialization.
- b) Selection involves the submission of a formal application form, an internal selection form and curriculum vitae by the applicant as well as a possible interview by the sub-programme leader and researchers.
- c) Admission may be refused if the standard of proficiency that the student has acquired previously in the specific subject(s) in which the student wants to study further does not meet the requirements of the specific program/curriculum.

G.1.18.6.2 Additional requirements and faculty specific rules

In the case where a student gets permission to present a thesis in the form of research articles, the stipulations of the General Academic Rules hold. (par. 5.4.2.7)

G.1.18.6.3 Curriculum G911P: Pharmaceuticals

This curriculum has a dual aim, namely:

- 1) for the student who has reached the level of a master's degree in the Pharmaceutical Sciences and Practice, to show with a doctoral thesis that he/she has made a significant contribution to the development of (1) new scientific knowledge, and/or (2) new skills in a specific research field, thus making an addition of value to the community in the fields of knowledge and skills in his/her specific field, and
- 2) To provide South Africa with advanced pharmaceutical scientists and practising manpower with advanced theoretical and practical knowledge in different pharmaceutical-scientific and practice disciplines. With this qualification the student can contribute to a broadening of the leadership base for innovative and knowledge-based economic and scholastic activities in the country.

G.1.18.6.3.1 Curriculum outcomes

- a) Over and above the outcomes and criteria as described by the BPharm, Hons BSc, MSc and MPharm degrees, the student will be able to (1) practise at a highly specialised level as pharmacist, (2) distinguish himself/herself as a leader in the field, and (3) apply Research Methodology at this level and in the specific field.
- b) Furthermore, the student will be able to (1) execute advanced functions of a pharmacist, (2) act as a leader in the profession and functions of the profession, (3) apply Research Methodology, (4) solve problems, (5) act as an independent researcher, (6) lead research programmes, (7) act as a supervisor/co-supervisor for students up to the PhD level, (8) find research funds, and (9) make known research results by seminars and lectures.

G.1.18.6.3.2 **Compilation of the curriculum: Pharmaceutics**

Qualification- and programme code: 805 117; **Curriculum code:** G911P

Module code	Descriptive name	Credits
FMSG971	Thesis: Pharmaceutics	360
Total credits for the curriculum		360

G.1.18.7 **Programme: Pharmacology**

Qualification code: 805 118 (F) (Pharmacology)

The PhD degree is a research-based degree and consists of a study (research project) and a thesis in Pharmacology.

The curriculum is presented on a fulltime basis in Afrikaans and English.

The general closing date for applications is 31 October. (After this date applications will be considered on merit).

G.1.18.7.1 **Admission and selection requirements of the programme**

- a) A Master's degree or equivalent qualification as approved by Senate is required in the particular field of specialization.
- b) Selection involves the submission of a formal application form, an internal selection form and curriculum vitae by the applicant as well as a possible interview by the sub-programme leader and researchers.
- c) Admission may be refused if the standard of proficiency that the student has acquired previously in the specific subject(s) in which the student wants to study further does not meet the requirements of the specific program/curriculum.

G.1.18.7.2 **Additional requirements and faculty specific rules**

In the case where a student gets permission to present a thesis in the form of research articles, the stipulations of the General Academic Rules hold. (par. 5.4.2.7)

G.1.18.7.3 **Curriculum G912P: Pharmacology**

This curriculum has a dual aim, namely:

- 1) for the student who has reached the level of a master's degree in the Pharmaceutical Sciences and Practice, to show with a doctoral thesis that he/she has made a significant contribution to the development of (1) new scientific knowledge, and/or (2) new skills in a specific research field, thus making an addition of value to the community in the fields of knowledge and skills in his/her specific field, and
- 2) To provide South Africa with advanced pharmaceutical scientists and practising manpower with advanced theoretical and practical knowledge in different pharmaceutical-scientific and practice disciplines. With this qualification the student can contribute to a broadening of the leadership base for innovative and knowledge-based economic and scholastic activities in the country.

G.1.18.7.3.1 Curriculum outcomes

- a) Over and above the outcomes and criteria as described by the BPharm, Hons BSc, MSc and MPharm degrees, the student will be able to (1) practise at a highly specialised level as pharmacist, (2) distinguish himself/herself as a leader in the field, and (3) apply Research Methodology at this level and in the specific field.
- b) Furthermore, the student will be able to (1) execute advanced functions of a pharmacist, (2) act as a leader in the profession and functions of the profession, (3) apply Research Methodology, (4) solve problems, (5) act as an independent researcher, (6) lead research programmes, (7) act as a supervisor/co-supervisor for students up to the PhD level, (8) find research funds, and (9) make known research results by seminars and lectures.

G.1.18.7.3.2 Compilation of the curriculum: Pharmacology

Qualification- and programme code: 805 118; **Curriculum code:** G912P

Module code	Descriptive name	Credits
FKLG 971	Thesis: Pharmacology	360
Total credits for the curriculum		360

G.1.18.8 Programme: Pharmacy Practice

Qualification code: 805 119 (F + P) (Pharmacy Practice)

The PhD degree is a research-based degree and consists of a study (research project) and a thesis in Pharmacy Practice.

The curriculum is presented on a fulltime and part-time basis in Afrikaans and English.

The general closing date for applications is 31 October. (After this date applications will be considered on merit).

G.1.18.8.1 Admission and selection requirements of the programme

- a) A MPharm or equivalent qualification is required;
- b) Admission to the program/curriculum takes place according to selection by the leader and the Quality Assurance Committee of the research niche area. Selection is done on an on-going basis, with consideration of applicable registration dates as determined by the University.

G.1.18.8.2 Additional requirements and faculty specific rules

- a) It is recommended that a prospective student must have achieved at least 60% in an applicable master's project.
- b) Practise experience and prior learning will be taken in consideration.
- c) In the case where a student gets permission to present a thesis in the form of research articles, the stipulations of the General Academic Rules of the University hold. (par. 5.4.2.7).

G.1.18.8.3 Curriculum G913P: Pharmacy Practice

This curriculum has a dual aim, namely:

- 1) for the student who has reached the level of a master's degree in the Pharmaceutical Sciences and Practice, to show with a doctoral thesis that he/she has made a significant contribution to the development of (1) new scientific knowledge, and/or (2) new skills in a specific research field, thus making an addition of value to the community in the fields of knowledge and skills in his/her specific field, and
- 2) To provide South Africa with advanced pharmaceutical scientists and practising manpower with advanced theoretical and practical knowledge in different pharmaceutical-scientific and practice disciplines. With this qualification the student can contribute to a broadening of the leadership base for innovative and knowledge-based economic and scholastic activities in the country.

G.1.18.8.3.1 Curriculum outcomes

- a) Over and above the outcomes and criteria as described by the BPharm, Hons BSc, MSc and MPharm degrees, the student will be able to (1) practise at a highly specialised level as pharmacist, (2) distinguish himself/herself as a leader in the field, and (3) apply Research Methodology at this level and in the specific field.
- b) Furthermore, the student will be able to (1) execute advanced functions of a pharmacist, (2) act as a leader in the profession and functions of the profession, (3) apply Research Methodology, (4) solve problems, (5) act as an independent researcher, (6) lead research programmes, (7) act as a supervisor/co-supervisor for students up to the PhD level, (8) find research funds, and (9) make known research results by seminars and lectures.

G.1.18.8.3.2 Compilation of the curriculum: Pharmacy Practice

Qualification- and programme code: 805 119; **Curriculum code:** G913P

Module code	Descriptive name	Credits
FPKG971	Thesis: Pharmacy Practice	360
Total credits for the curriculum		360

G.1.18.9 Programme: Occupational Hygiene

Qualification code: 805 104 (F + P)

- a) The aim of the qualification is to enable a student that already has a master's degree in the field of Occupational Hygiene, or a qualification that is recognised as equivalent, to prove by a doctoral thesis that he/she did a definite scientific contribution to development of new knowledge and/or applicable skills.
- b) A further objective of the qualification is to provide South Africa with scientific researchers who have a broad theoretical expertise and practical skills in Occupational Hygiene.

- c) The general closing date for applications is 30 September. (After this date applications will be considered on merit).

G.1.18.9.1 Admission and selection requirements of the programme

- a) Admission to this programme can be granted after completion of a master's degree in Occupational Hygiene (or equivalent qualification) at master's level;
- b) Selection according to specified admission requirements is done by the Niche area leader and senior researchers and is subject to available capacity.

G.1.18.9.2 Additional requirements and faculty specific rules

At least 60% average in the master's degree is required.

G.1.18.9.3 Curriculum G901P: Occupational Hygiene

G.1.18.9.3.1 Curriculum outcomes

Over and above the outcomes and criteria as described by the first generally formative BSc degree, the Honours BSc degree and the MSc degree, in this curriculum the student will:

- a) have appropriate competency in applicable quantitative and/or qualitative research methodology and scientific writing ability;
- b) be able to identify a relevant research problem in a Health Science discipline by integrating the above skills on the basis of a thorough investigation of existing knowledge as reflected in appropriate scientific literature;
- c) define a research problem area in a scientific discipline;
- d) conduct the necessary research in order to solve the problem;
- e) scientifically evaluate the results within the context of the problem; and
- f) Scientifically communicate the results.

G.1.18.9.3.2 Compilation of the curriculum: Occupational Hygiene

Qualification- and programme code: 805 104; **Curriculum code:** G901P

Module code	Descriptive name	Credits
FLGB971	Thesis: Occupational Hygiene	384
Total credits for the curriculum		384

G.1.18.10 Programme: Dietetics

Qualification code: 805 105 (F + P)

The objective of the PhD degree is to give the student in the field of Dietetics the opportunity to show that he/she has delivered a significant contribution with a doctoral thesis to the development of (1) new scientific knowledge, and/or (2) new skills in a particular research field. The second objective of the qualification is to provide South Africa with scientific researchers who have broad theoretical expertise and practical skills in Nutrition Science. By doing so, a contribution will be made to the broadening of the leadership base for innovative and knowledge-based nutrition care in the country.

The general closing date for applications is 31 October. (After this date applications will be considered on merit).

G.1.18.10.1 Admission and selection requirements of the programme

- a) Students will only be admitted to the PhD degree in this programme if they are in possession of a B(Sc) Dietetics degree as well as an MSc degree in Dietetics or Nutrition;
- b) A postgraduate selection committee evaluates applications and candidates who comply with the requirements will be invited for an interview.
- c) Selection is subject to academic performance, practical considerations and available capacity in the subject group.

G.1.18.10.2 Additional requirements and faculty specific rules

- a) Students should pass an academic selection (an average of at least 60%) at the completion of the master's degree.
- b) Students who wish to register for this programme must submit proof of immunisation against Hepatitis A and B during the previous 5 years.

G.1.18.10.3 Curriculum G905P: Dietetics

G.1.18.10.3.1 Curriculum outcomes

Over and above the outcomes as described by the BSc and MSc degrees, the student should be able to (1) practise as a dietician at a highly specialised level, (2) act as a leader in the profession and functions of the profession, (3) solve problems, (4) lead a research programme, (5) act as a leader or co-leader for students up to the PhD level, (6) be able to find research funds, and (7) make known research results by lectures and publications in scientific journals.

G.1.18.10.3.2 Compilation of the curriculum: Dietetics

Qualification- and programme code: 805 105; Curriculum code: G905P

Module code	Descriptive name	Credits
DIET971	Thesis: Dietetics	360
Total credits for the curriculum		360

G.1.18.11 Programme: Physiology

Qualification code: 805 107 (F + P) (Physiology)

- a) The aim of the qualification is to enable a student who has already obtained a master's degree in the field of Cardiovascular Physiology, or a qualification which is recognised as equivalent, to provide proof by means of a doctoral thesis that he/she made a definite scientific contribution to the development of new knowledge and/or applicable skills.
- b) A further aim of the qualification is to provide South Africa with scientific researchers that have a broad expertise and practical skills in the Health Science, with specialisation and master ship in Cardiovascular Physiology.
- c) The general closing date for applications is the 31 October. (After this date applications will be considered on merit).

G.1.18.11.1 Admission and selection requirements of the programme

- a) Students must be in possession of a suitable MSc degree or a qualification which the Senate considers equivalent.
- b) Selection is done at the hand of specific admission requirements and considered by the research director and senior researchers in the entity HART, and is subject to available capacity in the research entity.

G.1.18.11.2 Additional requirements and faculty specific rules

- a) The student should achieve at least 65% in Physiology at master's level (or equivalent qualification).
- b) It is strongly recommended that the student should provide proof of immunisation against Hepatitis A and B.

G.1.18.11.3 Curriculum G915P: Physiology

G.1.18.11.3.1 Curriculum outcomes

Over and above the outcomes and criteria as described by the first generally formative BSc degree, the Honours BSc degree and the MSc degree, in this curriculum the student will:

- a) have appropriate competency in applicable quantitative and/or qualitative research methodology and scientific writing ability;
- b) be able to identify a relevant research problem in a Health Science discipline by integrating the above skills on the basis of a thorough investigation of existing knowledge as reflected in appropriate scientific literature;
- c) conduct the necessary research in order to solve the problem;
- d) scientifically evaluate the results within the context of the problem; and
- e) Scientifically communicate the results.

G.1.18.11.3.2 Compilation of the curriculum: Physiology

Qualification- and programme code: 805 107; **Curriculum code:** G915P

Module code	Descriptive name	Credits
FLGX971	Thesis: Physiology	384
Total credits for the curriculum		384

G.1.18.12 Programme: Consumer Sciences

Qualification code: 805 112 (F + P) (Consumer Sciences)

- a) The PhD degree comprises the planning and execution of a research project and the writing of a thesis.
- b) One curriculum, namely Consumer Sciences General, leads to this qualification. The student can focus on a consumer behaviour project within the research focus of the group.
- c) The closing date for applications is 30 September. (After this date applications will be considered on merit).

G.1.18.12.1 Admission and selection requirements of the programme

An applicable master's degree or a qualification which the Senate considers equivalent is required.

G.1.18.12.2 Additional requirements and faculty specific rules

- a) Admission is based on academic performance during previous studies and experience.
- b) Modules in consumer behaviour and research methodology are compulsory for admission to the programme.
- c) Students who do not comply with the admission requirements may be allowed to write an admission examination in consumer behaviour and research methodology, which must be passed before final selection will be considered.
- d) The selection process, starting 1 October, consists of a paper selection, based on admission requirements and available capacity. Students will only be admitted to the programme if sufficient capacity is available.
- e) To be taken into consideration for selection, the student must submit a written application to the university. The written application is evaluated during the first paper selection process of the research entity based on admission requirements and available capacity (A). Prospective students will preferably join existing research projects, as determined by the research entity.
- f) All applicants, meeting the requirements of the first paper selection process (B), will hand in a written assignment on a research topic that is provided, which is not necessarily the topic that the student if accepted will work on for his/her research project. A CV of the applicant should accompany this assignment.
- g) Applicants who are successful during the second paper selection procedure (C) will be invited for a selection interview as a final selection procedure.

- h) Prospective students will preferably join existing research projects as determined by the research entity.

G.1.18.12.3 Curriculum G940P: Consumer Sciences

This PhD programme leads to the development of specialised knowledge and the capability to apply acquired skills to the solving of problems in the specific subject field.

G.1.18.12.3.1 Curriculum outcomes

The student will be able to:

- a) master the applicable Research Methodology;
- b) identify a relevant research problem, execute research for solving the problem, analyse and communicate the results together with the problem statement and draw conclusions addressing the problem;
- c) give scientific knowledge and research results in a coherent, argumentative structure in written reports and publications; and
- d) Deliver oral lectures, using relevant verbal skills and suitable aids.

G.1.18.12.3.2 Compilation of the curriculum: Consumer Sciences

Qualification- and programme code: 805 112; **Curriculum code:** G940P

Module code	Descriptive name	Credits
VERB971	Thesis: Consumer Sciences	360
Total credits for the curriculum		360

G.1.18.13 Programme: Nutrition

Qualification code: 805 114 (F + P) (Nutrition)

The aim of the PhD degree is to provide the student in the field of Nutrition the opportunity to show by a doctoral thesis that he/she has made a significant contribution to the development of (1) new scientific knowledge, and/or (2) new skills in a specific research field. The second aim of the qualification is to provide South Africa with scientific researchers that have a broad theoretical expertise and practical skills in the nutrition science. A contribution will thus be made to the broadening of the leadership base for innovative and knowledge-based nutrition care in the country.

The general closing date for applications is 31 October. (After this date applications will be considered on merit)

G.1.18.13.1 Admission and selection requirements of the programme

- a) Students will only be admitted to the PhD degree in this programme if they are in possession of an MSc degree in Nutrition or Dietetics or an equivalent qualification as approved by a postgraduate selection committee;
- b) A postgraduate selection committee evaluates applications and candidates who comply with the requirements will be invited for an interview.

- c) Selection is subject to the academic achievement of the student as well as the available capacity in the subject group.

G.1.18.13.2 Additional requirements and faculty specific rules

- a) Students should pass an academic selection (an average of at least 60%) at the completion of the master's degree.
- b) Students who wish to register for this programme must submit proof of immunisation against Hepatitis A and B during the previous 5 years.
- c) Non-nutrition students who did not complete an MSc Dietetics or MSc Nutrition degree will be required to complete additional Nutrition modules (non-credit bearing) on an ad hoc basis as determined by the postgraduate selection committee.

G.1.18.13.3 Curriculum G960P: Nutrition

G.1.18.13.3.1 Curriculum outcomes

Over and above the outcomes as described by the BSc, Hons BSc and MSc degrees, the student should be able (1) to practise as a nutritionist at a highly specialised level, (2) to act as a leader in the profession and functions of the profession, (3) to be able to solve problems, (4) to lead a research programme, (5) to act as a leader or co-leader for students up to the PhD level, (6) to be able to find research funds and (7) to make known research results by lectures and publications in scientific journals.

G.1.18.13.3.2 Compilation of the curriculum: Nutrition

Qualification- and programme code: 805 114; **Curriculum code:** G960P

Module code	Descriptive name	Credits
VOED971	Thesis: Nutrition	360
Total credits for the curriculum		360

G.1.18.14 Programme: Social Work

Qualification code: 805 108 (F + P) (Social Work)

The curriculum composed in this programme is of an academic nature. It gives the opportunity for the development of specialised and advanced knowledge, and should enable the qualified student to distinguish himself/herself as a leader and researcher in the field of Social Work.

The closing date for applications is 30 September. (After this date applications will be considered on merit)

G.1.18.14.1 Admission and selection requirements of the programme

- a) Admission to this programme/curriculum takes place after obtaining the master's degree in Social Work and with consideration of the student's previous academic performance;
- b) Completion of an Academic Literacy test or equivalent assessment to demonstrate reading and writing ability, the final scores of which should be above 65%;

- c) Each applicant will be subjected to a selection interview conducted by the post graduate panel of the subject group. For this purpose a structured interview schedule will be used and the average of panellist's ratings will serve as selection criterion.
- d) Submission of an abbreviated research proposal will serve as final selection criterion.

G.1.18.14.2 Additional requirements and faculty specific rules

- a) Students registering for this programme/curriculum should supply proof of registration as a social worker according to the Act on Social Service Professions (Act 110 of 1978).
- b) Prospective applicants have to complete and pass a short refresher course in research methods. This course is presented by the post graduate manager of the subject group.

G.1.18.14.3 Curriculum G921P: Social Work

G.1.18.14.3.1 Curriculum outcomes

The student will be skilled in:

- a) the utilisation of the ecosystem approach in the extension and promotion of Social Work knowledge;
- b) the identification of a research problem of highly complicated nature in the field of Social Work, of which the solution can contribute to the extension of the knowledge base of Social Work;
- c) the formulation and application of a suitable research topic and procedure;
- d) the analysis and application, interpretation and critical evaluation of research-related data;
- e) the presentation and report writing of research data in the form of a thesis of high quality; and
- f) The distribution of the newly obtained knowledge to social workers and other relevant role players.

G.1.18.14.3.2 Compilation of the curriculum: Social Work

Qualification- and programme code: 805 108; **Curriculum code:** G921P

Module code	Descriptive name	Credits
MWKN971	Thesis: Social Work	360
Total credits for the curriculum		360

G.1.18.15 Programme: Psychology

Qualification code: 805 110 (F + P)

The curriculum composed in this programme is of an academic nature. The curriculum gives an opportunity for the development of specialised and advanced knowledge, applied skills, attitudes and values as researchers in Psychology, and prepares the student for postdoctoral study in Psychology. In

the development of this curriculum, national and regional needs were addressed in the specific research focus area.

The general closing date for applications is 30 September. (After this date applications will be considered on merit).

G.1.18.15.1 Admission and selection requirements of the programme

- a) A master's degree in Psychology is required.
- b) Provisional admission is granted after completion of a selection process but is subject to a suitable qualification, academic performance as well as a suitable research concept within the research focus and projects in the subject group.
- c) Final admission and approval is subject to the submission of a successful research protocol as well as available capacity in the subject group.

G.1.18.15.2 Additional requirements and faculty specific rules

- a) Students must have achieved at least 60% in the master's degree.
- b) Recognition will be given to additional experience and expertise.
- c) Selected students who are provisionally admitted must submit a research protocol within the prescribed timeframe, which will be evaluated by a specialist panel.
- d) Candidates may be requested to attend additional workshops to improve their research skills.

G.1.18.15.3 Curriculum G931P: Psychology

G.1.18.15.3.1 Curriculum outcomes

The student should be equipped with advanced knowledge and skills to identify a socially relevant research problem within the field of Psychology, to develop and execute a suitable quantitative and/or qualitative research topic in a scientific and ethical way, using suitable research methods, techniques and procedures, to interpret the research findings in a scientifically accountable way that makes a significant contribution to the encyclopaedia of psychological knowledge and to write a research report on the project.

G.1.18.15.3.2 Compilation of the curriculum: Psychology

Qualification- and programme code: 805 110; **Curriculum code:** G931P

Module code	Descriptive name	Credits
PSYC971	Thesis: Psychology	360
Total credits for the curriculum		360

G.1.18.16 Programme: Nursing

Qualification code: 805 113 (F + P)

The student should be able to execute the profession of Nursing as an expert at a highly specialised level and to distinguish him/her as a leader in research in the field of Nursing Science. He/she should be able to initiate research and understand and predict future tendencies. Furthermore, he/she should be able to lead others in the use of advanced Research Methodology in nursing studies and to add knowledge to the knowledge base of Nursing Science.

The general closing date for applications is 31 October. (After this date applications will be considered on merit).

G.1.18.16.1 Admission requirements for the programme

- a) Students will only be admitted to the PhD degree if they are in possession of a suitable master's degree or a qualification which the Senate considers equivalent.
- b) An application for selection must be handed in before the selection process starts on 1 November.

G.1.18.16.2 Additional requirements and faculty specific rules

- a) The candidate must have achieved at least 65% in the master's degree.
- b) A pre-doctoral study programme must be completed successfully (details are available from the research director)
- c) After presenting the research proposal to the Research Committee, the student should defend it during a doctoral seminar; and present the findings during the doctoral seminar.

G.1.18.16.3 Curriculums: G950P / G951P / G952P / G953P / G954P / G955P / G956P

G.1.18.16.3.1 Curriculum outcomes

After completion of the curriculum, the student should be able to:

- a) demonstrate critical-analytical problem-solving skills at a high level;
- b) practise the profession of Nursing at a specialised level;
- c) distinguish himself/herself as a leader in the field of Nursing;
- d) apply advanced Research Methodology, initiate research, predict outcomes and apply results;
- e) contribute significantly and scientifically to the knowledge base of Nursing Science;
- f) act independently as a researcher;
- g) maintain specialised professional expertise by continual learning; and
- h) Initiate and maintain networks at national and international level.

G.1.18.16.3.2 Compilation of the curricula

ONE of the following curriculums may be chosen:

Community Nursing, Health Services Management, Health Science Education, Professional Nursing, Psychiatric Community Nursing, Midwifery and Neonatal Nursing, and Nursing.

G.1.18.16.4 Curriculum: Community Nursing

Qualification- and programme code: 805 113; Curriculum code: G950P

Module code	Descriptive name	Credits
VPGP971	Thesis: Community Nursing	360
Total credits for the curriculum		360

Curriculum: Health Services Management

Qualification- and programme code: 805 113; Curriculum code: G951P

Module code	Descriptive name	Credits
VPBP971	Thesis: Health Service Management	360
Total credits for the curriculum		360

Curriculum: Health Science Education

Qualification- and programme code: 805 113; Curriculum code: G952P

Module code	Descriptive name	Credits
VPOP971	Thesis: Health Science Education	360
Total credits for the curriculum		360

Curriculum: Professional Nursing

Qualification- and programme code: 805 113; Curriculum code: G953P

Module code	Descriptive name	Credits
VPPP971	Thesis: Professional Nursing	360
Total credits for the curriculum		360

Curriculum: Psychiatric Community Nursing

Qualification- and programme code: 805 113; Curriculum code: G954P

Module code	Descriptive name	Credits
VPEP971	Thesis: Psychiatric Community Nursing	360
Total credits for the curriculum		360

Curriculum: Midwifery and Neonatal Nursing

Qualification- and programme code: 805 113; Curriculum code: G955P

Module code	Descriptive name	Credits
VPVP971	Thesis: Midwifery and Neonatal Nursing	360
Total credits for the curriculum		360

Curriculum: Nursing

Qualification- and programme code: 805 113; Curriculum code: G956P

Module code	Descriptive name	Credits
VPVV971	Thesis: Nursing	360
Total credits for the curriculum		360

G.1.19**RULES FOR THE POSTBASIC PROGRAMME IN MIDWIFERY AND NEONATAL NURSING SCIENCE**

This postgraduate diploma can only be presented if available capacity in the school exists.

No students will be admitted for 2016.

- This is a post basic programme and is accessible to SANC registered nurses and midwives.
- This programme leads to an additional registration of a qualification in Midwifery and Neonatal Nursing Science and registration at the SANC as an advanced Midwife.
- This programme is presented as a part-time programme on the Potchefstroom campus.

G.1.19.1**Duration of study**

The minimum duration is one year and the maximum duration is two years.

G.1.19.2**Admission requirements**

- A Bachelor's degree in Nursing Science and Midwifery or equivalent qualification.
- Current registration at the South African Nursing Council as a nurse and midwife.

G.1.19.3 Programme and qualification code
Qualification and programme code: 844 100 (V + D) Curriculum code: G501P

G.1.19.4 List of modules

Module code	Descriptive name	Type of credit	Credits	National hours
NSDT111	Health Science Dynamics	Fundamental	16	160
NSRT121	Health Science Research	Fundamental	16	160
VPVK574	The advanced midwife as practitioner, leader and consultant	Core	16	160
VPVK575	The advanced midwife as clinician in ante-, intra- and postpartum context	Core	32	320
VPVK576	The advanced midwife as clinician in neonatal context	Core	16	160
VPVP584	Advanced midwifery and neonatal nursing science: Practica	Core	32	640

Fundamental	Core	Elective	Total
32	96	0	128

G.1.19.4.1 Programme outcomes

As a registered advanced midwife and neonatal nurse the student should be able to act independently as a clinical nurse specialist, researcher, consultant, and change agent in the midwifery practise. He/she will be able to function in the multi- professional team as a leader, facilitator and manager. As an advanced Midwife and Neonatal nurse he/she will be able to render cultural sensitive, holistic integrated evidence-based advanced midwifery care. This qualification will enable you to obtain personal and professional growth in your strive to obtain lifelong learning and advance on your career path.

G.1.19.4.2 Articulation possibilities

Students can proceed to the research master's degree after completion of this qualification.

G.1.20 RULES FOR THE ADVANCED UNIVERSITY DIPLOMA IN HEALTH SCIENCE

This is a post-basic qualification and is accessible to health professionals.

If a professional nurse, this qualification leads to further registration of qualifications in Nursing Education and Nursing Management or Community Nursing, or Clinical Nursing Science, Health Assessment, Treatment and Care at the South African Nursing Council.

G.1.20.1 Modules and credits

- a) On each level (first, second, third year of study) the subjects are divided into modules. Each module can be identified by a code and a name that

explains the nature of the module. NSRT121 refers to the subject Health Science Research; the first figure (1) indicates the level (first year of study) the second figure (2) indicates the semester in which this module is offered. The third figure (1) distinguishes between modules within the same subject on the same level and in the same semester.

- b) Modules carry credits. A credit represents the expected hours of study (one credit equals 10 study hours) a student will spend to achieve the specified outcomes.

G.1.20.2 Ratio between credits and teaching periods

As a general rule, the following shall apply: For each 16 credit module 4 contact sessions of 100 minutes each are required.

G.1.20.3 Recognition of prior learning

- a) A student should apply in writing for recognition of modules completed successfully at this or other tertiary institutions.
- b) Applications should include proof of prior learning: academic records and module outcomes.
- c) The modules of a major subject in a qualification already awarded cannot be credited for a second qualification.
- d) A student not being a professional nurse, but a professional in other health related professions, can apply for recognition of prior learning.

G.1.20.4 Registration

- a) A student should apply for admission to a specific programme and curriculum.
- b) A student registers annually for a specific programme and curriculum according to the Rules of the specific programme.
- c) Registration can be changed on provision that the prescribed procedure is honoured.

G.1.20.5 Duration of the study

The minimum duration for this diploma is one year and the maximum duration is two years.

G.1.20.6 List of modules

Module code	Descriptive name	Credits	Outcomes based requirements
	<i>Business Management</i>		
BSKT111	Introduction to Psychology in Work Context	16	NONE
BSKT221	Personnel Psychology	16	NONE
	<i>Community Nursing</i>		
NSCT211	Grounding of Community Nursing	16	NONE
NSCT221	Principles of Primary Health Care	16	NONE
NSCT271	Community Nursing: Practica	24	NONE

Module code	Descriptive name	Credits	Outcomes based requirements
NSKT211	Pharmacology	16	NONE
	Health Science Dynamics		
NSDT111	Health Science Dynamics	16	NONE
	Health Science Education		
NSET111	Health Science Education: Introduction	16	NONE
NSET211	Health Science Education: Curriculum Studies	16	NONE
NSET221	Health Science Education: Didactics	16	NONE
NSET271	Health Science Education: Practica	16	NONE
	Financial Health Management		
NSFT121	Financial Health Management	16	NONE
	Clinical Nursing Science		
NSHT211	Clinical Nursing Science, Health Assessment, Treatment and Care: Child	16	NONE
NSHT221	Clinical Nursing Science, Health Assessment, Treatment and Care: Adult	16	NONE
NSHT271	Clinical Nursing Science, Health Assessment, Treatment and Care: Practica (Child and Adult)	48	NONE
	Health Service Management		
NSMT211	Unit/Clinic Management	16	NONE
NSMT221	Human Resources Management	16	NONE
NSMT271	Health Service Management: Practica	16	NONE
	Health Science Research		
NSRT121	Health Science Research	16	NONE
	Public Management and Governance		
OBAD112	Introduction to Public Management	16	NONE

Year modules must be registered in the first semester.

G.1.20.7 Programme: Advanced University Diploma in Health Science (One Year)

- This programme offers health professionals the opportunity to enhance their knowledge and skills in health service delivery and to function as an independent practitioner within the multidisciplinary team to render quality health care according to the needs of the country.
- It offers professional nurses the opportunity to register with the South African Nursing Council with one additional qualification.

G.1.20.7.1 Programme and qualification code

See different programmes.

G.1.20.7.2 Admission requirements

- The student must possess a Matriculation Exemption Certificate. A student who does not possess the latter may apply through the University to the Matriculation Board for a Matriculation Exemption Certificate.

- b) In order to be admitted to this program, the student should, (if a professional nurse) be:
 - 1) in possession of **an applicable diploma** in General Nursing Science and **one additional qualification**;
 - 2) registered as professional nurse with the South African Nursing Council;
 - 3) Submit the current year's South African Nursing Council receipt.
- c) In order to be admitted to this program, the student should be a health professional, be:
 - 1) In possession of **an applicable diploma/degree** in health science.
- d) If a student who successfully completed the Advanced University Diploma in Health Science with two specialities at the North-West University, should wish to proceed with the BCur. (Ed- ET Adm), General Rule 2.3.2 is applicable regarding recognition and exemption of only the theory modules, and may be credited on a written request and payment of the applicable fees.

G.1.20.7.3 Community Nursing (One Year)

Qualification and programme code: 837 100 Curriculum G511T

G.1.20.7.3.1 Curriculum outcomes

On completion of this curriculum the successful candidate should be able to function as an independent practitioner within the multi-professional team and the ethical legal framework by:

- a) utilising critical analytical problem solving skills to provide comprehensive community nursing based on a scientific approach;
- b) rendering preventive, promotive, curative and rehabilitative health service;
- c) managing a community health centre with regard to human and material resources; and
- d) demonstrate leadership skills in facilitating changes in the health service.

G.1.20.7.3.2 Articulation and exit point

- a) Students may apply for recognition of credits for modules completed at other universities.
- b) If a student who completed the AUDHS (one-year) wishes to register for the BCur (Ed et Adm) degree, General Rule 2.3.2 is applicable regarding recognition and exemption of only the theory modules, and may be credited on a written request and payment of the applicable fees.

G.1.20.7.3.3 Additional Rules

- a) This curriculum is **only** accessible to professional nurses and a student must be qualified in General Nursing Science and Midwifery.
- b) Students registered for NSCT, must also complete the accompanying practica. Any costs involved must be paid by the student.

- c) All practica arrangements must be made by the student.
- d) A maximum of one year extension is allowed for completion of practica.

G.1.20.7.3.4 Compilation of curriculum: Community Nursing (One Year)

Qualification and programme code: 837 100; Curriculum G511T

YEAR 1	
FIRST SEMESTER	
CODE	CR
NSCT211	16
NSCT271	24
NSDT111	16
NSGT111	16
NSMT211	16
Total semester 1	88

YEAR 1	
SECOND SEMESTER	
CODE	CR
NSCT221	16
NSFT121	16
NSGT121	16
NSRT121	16
Total semester 2	64
TOTAL CREDITS FOR THE CURRICULUM	152

NOTE: NSCT271 runs over a year.

G.1.20.7.4 Health Science Education (One Year)

Qualification and programme code: 837 101; Curriculum G512T

G.1.20.7.4.1 Curriculum outcomes

The successful candidate should be able to:

- a) utilise the psychology and philosophy of education in creating a context conducive to learning;
- b) apply the knowledge and skills of andragogic didactics to facilitate deep holistic lifelong learning;
- c) participate in curriculum development;
- d) utilise intra- and interpersonal life skills to facilitate relationships within the personal and professional sphere; and
- e) partake in health research.

G.1.20.7.4.2 Articulation and exit point

- a) Students may apply for recognition of credits for modules completed at other universities.
- b) If a student who completed the AUDHS (one year) wishes to register for the BCur (Ed- et Adm) degree, General Rule 2.3.2 is applicable regarding recognition and exemption of only the theory modules, and may be credited on a written request and payment of the applicable fees.

G.1.20.7.4.3 Additional Rules

- a) Students registered for NSET, must complete the accompanying practica. Any costs involved must be paid by the student.
- b) All practica arrangements must be made by the student.
- c) A maximum of one year extension is allowed for completion of practica.

G.1.20.7.4.4 Compilation of Curriculum Health Science Education (One year)
Qualification and programme code: 837 101; Curriculum G512T

YEAR 1	
FIRST SEMESTER	
CODE	CR
BSKT111	16
NSDT111	16
NSET111	16
NSET211	16
NSET271	16
Total semester 1	80

YEAR 1	
SECOND SEMESTER	
CODE	CR
BSKT221	16
NSET221	16
NSFT121	16
NSRT121	16
Total semester 2	64
TOTAL CREDITS FOR THE CURRICULUM	144

NOTE: NSET271 runs over a year.

G.1.20.7.5 Health Service Management (One Year)

Qualification and programme code: 837 102; Curriculum G513T

G.1.20.7.5.1 Curriculum outcomes

The successful candidate should be able to utilise managerial skills in rendering quality health care by the:

- a) application of risk and financial management principles;
- b) implementation of information systems;
- c) management of human resources;
- d) management of a health service Unit/Clinic; and
- e) Utilisation of intra- and interpersonal life skills to facilitate relationships within personal and professional sphere.

G.1.20.7.5.2 Articulation and exit point

- a) Students may apply for recognition of credits for modules completed at other universities.
- b) If a student who completed the AUDHS (one year) wishes to register for the BCur (Ed et Adm) degree, General Rule 2.3.2 is applicable regarding recognition and exemption of only the theory modules, and may be credited on a written request and payment of the applicable fees.

G.1.20.7.5.3 Additional Rules

- a) Students registered for NSMT, must complete the accompanying practica. Any costs involved must be paid by the student.
- b) All practica arrangements must be made by the student.
- c) A maximum of one year extension is allowed for completion of practica.

G.1.20.7.5.4 Compilation of Curriculum: Health Service Management (One Year)
Qualification and programme code: 837 102; Curriculum G513T

YEAR 1	
FIRST SEMESTER	
CODE	CR
BSKT111	16
NSDT111	16
NSMT211	16
NSMT271	16
OBAD112	16
Total semester 1	80

YEAR 1	
SECOND SEMESTER	
CODE	CR
BSKT221	16
NSFT121	16
NSMT221	16
NSRT121	16
Total semester 2	64
TOTAL CREDITS FOR THE CURRICULUM	144

NOTE: NSMT271 runs over a year.

G.1.20.7.6 Clinical Nursing Science, Health Assessment, Treatment and Care (One Year)

Qualification and programme code: 837 103; Curriculum G515T
 (This curriculum is offered at selected centres only)

G.1.20.7.6.1 Curriculum outcomes

The successful candidate should be able to function as an independent practitioner within the multi-professional team and within the ethical-legal framework by:

- utilising critical analytical problem solving skills in the management of the health problems of patients;
- assessing, diagnosing and implementing outcomes of planned comprehensive care;
- communicating effectively; and
- undertaking research within the epidemiological framework.

G.1.20.7.6.2 Articulation and exit point

- Students may apply for recognition of credits for modules completed at other universities.
- If a student who completed the AUDHS (one year) wishes to register for the BCur (Ed et Adm) degree, General Rule 2.3.2 is applicable regarding recognition and exemption of only the theory modules, and may be credited on a written request and payment of the applicable fees.

G.1.20.7.6.3 Additional Rules

- A student must be qualified in General Nursing Science and Midwifery;
- Students registered for NSHT, must complete the accompanying practica. Any costs involved must be paid by the student;
- All practica arrangements must be made by the student.
- A maximum of one year extension is allowed for completion of practica.

G.1.20.7.6.4 Compilation of Curriculum: Clinical Nursing Science, Health Assessment, Treatment and Care (One Year)
Qualification and programme code: 837 103; Curriculum G515T

YEAR 1	
FIRST SEMESTER	
CODE	CR
NSDT111	16
NSHT211	16
NSKT211	16
NSHT271	48
Total semester 1	96

YEAR 1	
SECOND SEMESTER	
CODE	CR
NSRT121	16
NSCT221	16
NSFT121	16
NSHT221	16
Total semester 2	64
TOTAL CREDITS FOR THE CURRICULUM	160

NOTE: NSHT271 runs over a year.

G.1.21 RULES FOR THE POSTGRADUATE DIPLOMA IN PHARMACOLOGICAL PRINCIPLES OF DRUG THERAPY

Qualification code: 847 100 (Distance Learning)

The Postgraduate Diploma in Pharmacological Principles of Drug Therapy is only presented in a distance mode by the Potchefstroom Campus of the North-West University.

The programme/curriculum is only presented in English

G.1.21.1 Duration of study

- The minimum duration of the study is one (1) year and the maximum duration is three (3) years.
- The programme is offered in such a manner that students can choose to do it in one or two years. It is recommended, however, that part-time students take the course over a period of two years.
- Students may also enrol for individual modules as certificate courses for purposes of continued professional development. A maximum of 3 modules may retain credit towards completion of the Postgraduate Diploma within a maximum period of three years.

G.1.21.2 Admission requirements

- Admission is allowed only if the degree BSc (Pharm) or BPharm or MBChB or BChD was obtained or a qualification regarded by the Senate as equivalent to the above-mentioned degrees; and
- Students who completed individual modules as certificate courses may apply for recognition of prior learning. A maximum of one third (e.g. 45 credits) of the total number of credits may retain credit towards completion of the Postgraduate Diploma within a maximum period of three years.
- Students may, according to the judgement of the Faculty Board, be exempted from certain modules, or it may be expected from candidates to take additional course material
- Registration can take place throughout the year.

G.1.21.3 Programme and qualification code

Qualification and programme code: 847100, Curriculum code: G501P

Continued professional development is an important and integral part of the South African strategy to improve public services. This programme aims at assisting the health care professionals in South Africa (medical practitioners, pharmacists, etc.) in practicing more effective pharmacotherapy in the community medicine

G.1.21.4 Curriculum: Pharmacological Principles of Drug Therapy (G501P)

- a) The curriculum consists of 11 modules.
- b) Module 1-8 and 12 are compulsory.
- c) Any two elective modules from modules 9-11 must also be included.
- d) Modules 1-8 and any two electives from 9-11 are prerequisites for module 12.
- e) Modules 1-8 and the two elective modules may be completed in random order, although the suggested order is as indicated in the table.
- f) Basic computer and internet skills are pre-requisites for this programme.

G.1.21.4.1 Curriculum outcomes

After completion of the Postgraduate Diploma in Pharmacological Principles of Drug Therapy, the student will demonstrate:

- selection of drugs based on pharmacological and ethical principles in the best interest of the patient.
- a sound knowledge of the basic pharmacological principles underlying drug therapy,
- insight into the dynamics and kinetics of interactions between drugs, including a comprehensive range of drug groups,
- the ability to evaluate existing drug prescriptions, and advise the patient with regard to drug treatment,
- the ability to synthesise individualised pharmacological treatment approaches for a wide range of disease states,
- information gathering skills of the latest information on drug treatment from the Internet,
- ability to evaluate published clinical trials on drug treatment,
- effective communication, individually and co-operatively, in an Internet-based environment,
- a sensitivity for a patient-orientated approach to drug therapy, and
- reason within the frame (work) of reference addressing relevant ethical questions regarding drug uses.

G.1.21.4.2 Faculty specific rules for the curriculum

- a) As a general rule a ratio of 3:2 (participation mark : examination mark) is used to determine the module mark for modules 1 to 8, while a ratio of 1:1 is used for modules 9 to 11 and a ratio of 2:3 is used for module 12.
- b) A subminimum mark of 40% applies to each assessment for each module, including assignments, moderated group discussion forums, examination papers and oral evaluations.

G.1.21.4.3 Compilation of the Curriculum: Pharmacological Principles of Drug Therapy

Qualification and programme code: 847 100; **Curriculum code:** G501P

Module code	Descriptive name	Credits
Module 1: FKLT531	Principles of Pharmacokinetics	8
Module 2: FKLT532	Principles of Pharmacodynamics	16
Module 3: FKLT541	Drugs and the Peripheral Nervous System	8
Module 4: FKLT551	Drugs and the Central Nervous System	16
Module 5: FKLT561	Drugs and the Cardiovascular System	16
Module 6: FKLT533	Drugs for Pain, Inflammation, Fever and Airway Diseases	16
Module 7: FKLT542	Chemotherapy of Infections and Infestations	16
Module 8: FKLT552	Hormones, Hominoids and Hormone Antagonists	16
Module 9: FKLT562**	Drugs for GIT and Skin Disorders	8
Module 10: FKLT563**	Vitamins, Haematopoietic and Immunopharmacology	8
Module 11: FKLT564**	Advanced Pharmacological Principles	8
Module 12: FKLT571	Integrated Pharmacology	8
Credit total for the curriculum		136

Note: ** Electives: Any two modules can be selected from 9-11.

G.2 MODULE OUTCOMES (ALPHABETICAL)

G.2.1 HONOURS DEGREES

Module code: FLGX612	Semester 1	NQF-Level: 8
Title: Cardiovascular Physiology A		
Module outcomes:		
After completion of the module the student should:		
<ul style="list-style-type: none"> • have extensive and systematic knowledge and insight into the mechanisms and integrated control of the heart and vascular system, specifically the coronary circulation, heart muscle contraction and vascular tone; • be able to understand and apply the principles of the cardiovascular physiology, and also understand how the cardiovascular system functions during normal conditions and certain states of disease; • be able to analyse the cellular and sub-cellular elements involved in cardiovascular physiology and their role during physiological and pathophysiological responses; • have the ability to fully utilise the literature, to identify problems scientifically and discuss them in an integrated manner (for assessment of this outcome); • be prepared to practise the scientific method and be able to do research regarding cardiovascular problems (for assessment of this outcome); and • be able to better understand circumstances in society that lead to the development of cardiovascular diseases, and help solve such problems (for assessment of this outcome). 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX613	Semester 1	NQF-Level: 8
Title: Neurophysiology		
Module outcomes:		
After completion of the module the student should:		
<ul style="list-style-type: none"> • have extensive and systematic knowledge of neurophysiology; • understand the role of the nervous system in the control of body activities; • understand the special sensory functions such as vision, hearing, taste and smell, and be able to assess the application of this knowledge, as well as pathology of a loss of function, and apply the knowledge in industry as research worker or employee; • know the sensory, motor and integration functions of the nervous system. (This knowledge you should be able to integrate in order to understand causative mechanisms such as the inception of obesity and hypertension through hyper reactivity of the sympathetic nervous system); • understand the important role of the neurotransmitters or neurohormones and the way that these affect emotional behaviour, nutritional behaviour and the inception of obesity (You should be able explain, analyse and synthesise related information and also explain possible end-organ damage such as in the vascular endothelium); • understand the identification of problems and independent solutions to problems; • understand the accurate processing and calculation of data/problems; and • Understand the responsibility that you as a prospective research worker have and pursue the characteristics that go along with it, such as accuracy, thoroughness, punctuality and integrity. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX615	Semester 1	NQF-Level: 8
Title: Research Methodology (Physiology)		
Module outcomes:		
After completion of the module the student should:		
<ul style="list-style-type: none"> • demonstrate a comprehensive and systematic knowledge of the basic research concepts, methods and processes through collecting, analysing and integrating applicable information, formulation of a research proposal and the style in which the dissertation / article / report has to be written, and the compilation of a source list; • demonstrate the skill to identify a problem in the physiology and health industry, collect appropriate information from various sources, and apply knowledge in order to plan and write a fundamental, not too complicated research proposal in the prescribed format; and • Demonstrate the skill to communicate information based upon good argumentation and problem-solving strategies as prescribed for the mini-dissertation / article / report. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		

Module code: FLGX617	Semester 1	NQF-Level: 8
Title: Cellular Physiology		
Module outcomes: After completion of the module the student should:		
<ul style="list-style-type: none"> • have extensive and systematic knowledge of and appropriate skills in relevant subjects within Cellular Physiology; • be able to collect knowledge from the available literature and interpret it in an integrated manner; • be able to analyse Cellular Physiology problems and solve them in view of the knowledge available; and • be able to communicate in writing and orally in a scientific manner 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX618	Semester 1	NQF-Level: 8
Title: Occupational Hygiene Monitoring A		
Module outcomes: After completion of the module the student should:		
<ul style="list-style-type: none"> • have extensive and systematic knowledge and applicable skills within Occupational Hygiene; • be able to collect knowledge from the available literature and interpret it in an integrated manner; • be able to analyse Occupational Hygiene problems and solve them in view of the knowledge available; and • be able to communicate in writing and orally in a scientific manner. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX621	Semester 2	NQF-Level: 8
Title: Cardiovascular Physiology C		
Module outcomes: After completion of the module the student should:		
<ul style="list-style-type: none"> • have an extensive and systematic knowledge of the cardiovascular system and pathology; • be able to understand the neurohumoral consequences of heart failure; • be able to analyse the biophysical, clinical and therapeutic aspects of arterial stiffness; • be able to understand the acute vascular events during certain cardiovascular incidents; • be able to propose interventions for the improvement of cardiovascular function; and • be able to analyse the health problems related to the vascular endothelium damage. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX622	Semester 2	NQF-Level: 8
Title: Toxicology A		
Module outcomes: After completion of the module the student should:		
<ul style="list-style-type: none"> • have extensive and systematic knowledge and applicable skills within toxicology; • be able to collect knowledge from the available literature and interpret it in an integrated manner; • be able to analyse toxicological problems and solve them in view of the knowledge available • be able to communicate in writing and orally in a scientific manner. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX624	Semester 2	NQF-Level: 8
Title: Toxicology B		
Module outcomes: After completion of the module the student should:		
<ul style="list-style-type: none"> • have extensive and systematic knowledge and applicable skills within toxicology; • be able to collect knowledge from the available literature and interpret and analyse it in an integrated manner; • be able to analyse toxicological problems and solve them in view of the knowledge available; • be able to communicate in writing and orally in a scientific manner. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		

Module code: FLGX625	Semester 2	NQF-Level: 8
Title: Endocrinology		
Module outcomes:		
After completion of the module the student should:		
<ul style="list-style-type: none"> • have extensive and systematic knowledge of the nervous system and the endocrine system (neuro-endocrinology); • be able to take part in discussions about the nervous system and the endocrine system and to do appropriate analyses, and have extensive and systematic knowledge of the nervous system and the endocrine system (neuro-endocrinology); • be able to take part in discussions about the nervous system and the endocrine system, and to execute appropriate analyses, syntheses and evaluations with regard to the knowledge; • be able to solve complex problems within the context of endocrinology and to communicate scientifically the solution individually or in group context in acceptable formats (verbally and/or non-verbally with IT), and to do a synthesis and evaluation with regard to the knowledge; and • be able to solve complex problems within the context of endocrinology and to communicate scientifically the solution, individually or in group context, in acceptable formats (verbally and/or non-verbally with IT). 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX627	Semester 2	NQF-Level: 8
Title: Cardiovascular Physiology B		
Module outcomes:		
After completion of the module the student should:		
<ul style="list-style-type: none"> • have extensive and systematic knowledge of the different views of the role of sex hormones on the blood pressure, as well as be able to evaluate the different empirical (experimental) substructures; • be able to analyse the role of the endothelium function and dysfunction in the control of blood pressure; • be able to make out the different therapeutic treatments of endothelium dysfunction and debate the value of such treatments; • be able to evaluate the biology of the arterial wall and the relationship with arterial stiffness; • have knowledge of the pulse wave velocity and the arterial wall in order to evaluate its clinical significance; • be able to evaluate the effect of aging on the cardiovascular system; • be able to evaluate the effect of physiological, environmental and disease factors on arterial rigidity; and • be able to evaluate the working mechanism of leptin and the role of leptin in the development of cardiovascular diseases. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX671	Semester 2	NQF-Level: 8
Title: Practical Project (Physiology)		
Module outcomes:		
After completion of the research project and composition of the treatise the student shall be able to:		
<ul style="list-style-type: none"> • use the research method; • compose a mini-dissertation in article format in accordance with the instructions with regard to documentation, argumentation, language and style; and • Integrate and understand the literature on the research topic. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One presentation (oral communication) and evaluation of the mini-dissertation.		
Module code: MBWB681	Semester 1 and 2	NQF-Level: 8
Title: Biokinetics: Orthopaedics		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate comprehensive and systematic knowledge of anatomic, kinesiological and biomechanical constructs as well as risk stratification, the ethology and identification of injuries and the clinical management of final-phase rehabilitation; • within the multidisciplinary health team, effectively apply and implement the science-based methods of investigation, diagnosis and optimising of functional abilities in the return to sport activities in the final-phase rehabilitation; and 		

<ul style="list-style-type: none"> Have the ability to effectively present academically professional work and communicate it to a variety of patients and audiences by using appropriate academically professional reasoning. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: MBWB682	Semester 1 and 2	NQF-Level: 8
Title: Biokinetics: Clinical		
Module outcomes: After the module has been completed, the student should be able to: <ul style="list-style-type: none"> demonstrate a comprehensive and systematic knowledge base in exercise physiology, pathophysiology and aetiology of chronic diseases and/or defects, as well as an intimate knowledge of the final-phase rehabilitation and optimising of functional achievement within the current development in the study field; demonstrate an informed and critical understanding of basic pharmacological medication and nutritional principles with regard to the specialisation field of Biokinetics, and acceptance of the provisional nature of knowledge and the limits and limitations of the field; demonstrate the ability to identify, analyse and implement activity, lifestyle and exercise constructs as intervention modality by using evidence-based solutions and theory-driven arguments; conduct effective application and implementation of the final-phase rehabilitation in the multidisciplinary health team on the basis of the scientific methods of investigation, diagnosis and optimising of functional abilities; and demonstrate the ability to effectively present academic-professional work effectively and communicate it to a variety of audiences by using appropriate academic-professional reasoning as well as suitable IT media. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: MBWB683	Semester 1 and 2	NQF-Level: 8
Title: Biokinetics Theory / Health		
Module outcomes: After completion of the module the student should be able to: <ul style="list-style-type: none"> demonstrate comprehensive and systematic knowledge and understanding of growth and development throughout the total life cycle, health promotion, exercise psychology and wellness constructs, appropriate improvement and intervention strategies in order to optimise performance, as well as the operation of bio-ergonomic work physiology and physical selection within Biokinetics; demonstrate skills in order to identify and analyse problems regarding the growth, health and wellness of sports people and to propose solutions through activity and exercise constructs as intervention modality; apply appropriate optimising strategies within the multidisciplinary context based on science-based methods of investigation, diagnosis and optimising of functional abilities; identify the lack of information and therefore obtain information; perform a critical analysis, synthesis and evaluation of quantitative and qualitative information; and utilise related sources in order to find a solution for the demand; and Present academically professional work effectively and communicate it to a variety of audiences using appropriate academic professional reasoning and IT. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic		

<p>calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.</p>		
Module code: MBWB684	Semester 1 and 2	NQF-Level: 8
<p>Title: Biokinetics: Professional Internship</p>		
<p>Module outcomes: After completion of the module the student should be able to:</p> <ul style="list-style-type: none"> demonstrate comprehensive and systematic knowledge and understanding of practice, appropriate improvement and intervention strategies with regard to optimising performance, rehabilitation and care, risk analysis, return to sport, wellness, health promotion and illness prevention within the current development in this field of study ; implement all the facets of the profession with the practice of Biokinetics; work together within a multidisciplinary health team; establish, administer and manage an independent biokinetics practice based on specific management and legal ethical principles as required by the Health Professions Council of South Africa; and offer proof of completing an internship as determined by the Health Professions Council of South Africa. 		
<p>Mode of delivery Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.</p>		
<p>Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.</p>		
Module code: MBWK681	Semester 1 and 2	NQF-Level: 8
<p>Title: Applied Research methodology</p>		
<p>Module outcomes: After the module has been completed, the student should be able to:</p> <ul style="list-style-type: none"> demonstrate extensive and systematic knowledge and understanding of the terminology used in Human Movement Sciences through the development and execution of a mini research project; develop a research proposal and collect information in the tracing, analysing and synthesis of the relevant and recent research literature ; identify, analyse and solve a research problem in the field of Human Movement Sciences through the collection, processing, analysing of data and to interpret and communicate it by means of professional academic journal-aimed research articles; function ethically correct within the required parameters during the execution of the mini research project. 		
<p>Mode of delivery: Modes of delivery for modules are fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.</p>		
<p>Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.</p>		
Module code: MBWK682	Semester 1 and 2	NQF-Level: 8
<p>Title: Kinderkinetics Theory</p>		
<p>Module outcomes: After the module has been completed, the student should be able to:</p> <ul style="list-style-type: none"> demonstrate comprehensive and systematic knowledge and understanding of the neurological, as well as motor control systems, motor development phases of 0 to 12-year-old children, motor abnormalities and motor-related learning problems, appropriate evaluation and intervention methods, the theoretical basis and composition (test elements) of evaluation batteries to evaluate normal as well as abnormal development; causes, characteristics and evaluation methods of special populations and of specific disabilities in children, kinanthropometric terminology, the importance, correct collecting and reporting of kinanthropometric data with regard to the development of children with and without special needs; 		

<ul style="list-style-type: none"> demonstrate skills in measuring and listing length, mass, skin folds, circumferences, height and length and diameter measurements according to ISAK standards, as well as determining the body composition of children adults and specific populations; demonstrate skills to identify and analyse critical problems around the child's motor and physical development to propose possible theory-driven solutions while the human dignity of the child is protected throughout; demonstrate the ability to collect, analyse and interpret scientific research data from literature and case studies under supervision and use the results to evaluate and improve the child's motor and physical development and body composition; and in an ethically responsible manner generate, defend and communicate in writing and orally solutions that concern the child's physical, motor and body composition. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: MBWK683	Semester 1 and 2	NQF-Level: 8
Title: Applied Kinderkinetics Practical		
Module outcomes: After the module has been completed, the student should be able to: <ul style="list-style-type: none"> demonstrate comprehensive and systematic knowledge of the neurological as well as motor control systems, motor development phases of 0 to 12-year-old children, motor abnormalities and motor-related learning problems, suitable evaluation and intervention methods (for home programmes as well), progression in lesson compilation, selection of suitable programme material, the theoretical basis and composition (test elements) of evaluation batteries to evaluate normal as well as abnormal development, causes, characteristics and evaluation methods of special populations and of specific disabilities in children; demonstrate the skills to identify and analyse critical problems regarding the child's motor and physical development and generate solutions in the form of suitable Kinderkinetics intervention and development programmes in an ethically responsible manner; demonstrate the ability to collect, analyse and interpret scientific research data under supervision from literature and case studies and then use the results to improve the child's motor and physical development; apply evaluation methods with regard to the neuro-motor development of children 0-12 years old and develop kinderkinetics programmes for a variety of child populations and communicate them in writing and orally in a prescribed report format to an audience and other professional people and peers and evaluate and improve the programme and feedback where and if necessary; and generate solutions that involve the child's physical, motor and body composition in an ethically responsible manner. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: MBWK684	Semester 1 and 2	NQF-Level: 8
Title: Professional Internship		
Module outcomes: After the module has been completed, the student should be able to: <ul style="list-style-type: none"> demonstrate comprehensive and systematic knowledge of Kinderkinetics theory and Kinderkinetics practice and apply it in practice in a number of prescribed case studies with regard to baby massage and baby stimulation, brain development programmes for toddlers, remedial programmes for children with special needs, development movements, sport development programmes for children with special needs, sport development and wellness programmes for children with and without special needs; 		

- apply the standards with which a practice and Kinderkineticist has to comply in order to be accredited and registered, can equip and maintain own practice by selecting appliances, maintaining equipment, drawing up a budget, adhering to administrative and safety requirements for a practice, demonstrate knowledge and understanding of current programmes for Kinderkinetics, the marketing of Kinderkinetics services in various ways to other professional people to obtain multidisciplinary collaboration, and communicating knowledge to parents;
- demonstrate skills to use different prescribed assessment techniques in Kinderkinetics by applying them to a prescribed number of case studies with different physical and motor needs;
- evaluate the assessment results of a prescribed number of physical and motor needs and report on them. This assessment and reporting must be done with and without supervision;
- demonstrate the ability to collect, analyse and interpret scientific research data under supervision from literature and case studies and use the results to manage a Kinderkinetics business; and
- generate solutions that involve the presentation, assessment and reporting of Kinderkinetics programmes and the management of a practice in an ethically responsible and value-driven manner

Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.

Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.

Module code: MBWK685

Semester 1 and 2

NQF-Level: 8

Title: Applied Exercise Physiology

Module outcomes:

After the module has been completed, the student should be able to:

- demonstrate a comprehensive and systematic knowledge of aspects of exercise physiology and anatomy that relate to child-specific programming, as well as to special exercise guidelines and biological maturation aspects when compiling, substantiating, analysing, evaluating and adapting as well as executing these types of programmes;
- demonstrate information and research skills in problem-solving, and use literature to provide evidence of the periodising and execution of programmes for special needs; correctly use concepts, terminologies, convention, formats, etc. in compiling/formulating solutions/programmes; and
- demonstrate that all forms of communication are based on an established value system and that action is ethically correct and within the desired parameters in planning programmes, executing them and taking other related aspects into consideration.

Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.

Assessment methods:

Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.

Module code: MBWK686

Semester 1 and 2

NQF-Level: 8

Title: Child Welfare and Health Promotion

Module outcomes:

After the module has been completed, the student should be able to:

- demonstrate extensive and systematic knowledge and understanding of the terminology used in child welfare, the therapeutic process, behaviour adaptations to enhance quality of life, and of the effect of music on the development of a child, and improve the self-concept of the child by improving motor skills, the theoretical base and the practical application of the principles of total welfare;
- demonstrate skills to identify and analyse critical problems around the child's total welfare and generate solutions in an ethically responsible manner;
- demonstrate the ability to collect, analyse and interpret scientific research data under supervision from literature and case studies and use the results to make suggestions to improve the total welfare and health of the child; and
- develop therapeutic recreation programmes for a variety of child populations and communicate this in writing and orally to an audience of peers and evaluate and improve the programme and feedback

where and if necessary, and generate solutions in an ethically responsible manner.		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: MBWS682	Semester 1 and 2	NQF-Level: 8
Title: Applied Sport Physiology		
Module outcomes: After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate a comprehensive and systematic knowledge of sport physiology with specific specialisation in physiological exercise adjustments; the influence of gender, altitude, ergogenic aids and travelling on different adjustments regarding exercise; thermoregulation that takes place while exercising, as well as scientific and recent guidelines for nutrition that influence exercise adjustments; • demonstrate skills to identify, evaluate and solve complex practice-related sport-specific problems by taking programming and specific exercise guidelines, as well as performance goals, into consideration in the compilation, substantiation, analysis, evaluation and adaptation of different types of programmes; • be qualified, individually or as part of a group, to research and analyse information in appropriate literature and use it in the planning of programmes aimed at particular sport-specific needs. Be able to substantiate the choice and composition of the plans and activities and communicate the recommendations in writing and orally by means of appropriate IT to an audience of peers and professionals; and • demonstrate in all forms of communication that an established value system is in place and that the planning and execution of programmes are within the desired parameters, and that other associated aspects have been taken into consideration. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: MBWS683	Semester 1 and 2	NQF-Level: 8
Title: Applied Biomechanics		
Module outcomes: After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate a comprehensive and systematic knowledge of neurophysiology, methods and techniques for identifying talent, growth and biomechanical principles, as well as the Dartfish video analysis programme; • demonstrate skills for combining and applying motor learning and biomechanics and the Dartfish video analysis programme in analysing, evaluating and correcting sport technique/movement execution as found in complex and practice-related problems; • obtain relevant information as an individual or a member of a team by using a variety of research literature to find evidence-based and ethically accountable solutions for practice-related case studies, and communicate the information and recommendations in writing and orally to an audience of peers and professionals using appropriate IT. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		

Module code: MBWS684	Semester 1 and 2	NQF-Level: 8
Title: Applied Sport Psychology		
Module outcomes: After the module has been completed, the student should be able to: <ul style="list-style-type: none"> demonstrate a comprehensive and systematic knowledge of coaching philosophies, sport psychology and appropriate evaluation instruments for evaluating sports people; be competent to electronically capture, analyse and interpret sport psychology data and information after an evaluation in order to compile an electronic report and/or individual/team consultation session in which evidence-based and theory-driven recommendations are made and applied; and analyse, interpret and synthesise different coaching philosophies in order to develop a personal life, sport and sport science philosophy that can be applied to individuals and teams in a sport science practice when a sport psychology consultant/sport scientist operates in an ethically professional manner from an established value system. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: MBWS685	Semester 1 and 2	NQF-Level: 8
Title: Sport Science Internship		
Module outcomes: After the module has been completed, the student should be able to: <ul style="list-style-type: none"> integrate, synthesise and apply a comprehensive and systematic knowledge, understanding and skills regarding a variety of sport science directed subject disciplines in order to offer sports people/students sport scientific services/programmes in real exercise environments; and act in an ethically correct manner within the desired parameters when functioning as a sport scientist in training. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: MBWS686	Semester 1 and 2	NQF-Level: 8
Title: Sport Science Practice		
Module outcomes: After the module has been completed, the student should be able to: <ul style="list-style-type: none"> demonstrate a comprehensive and systematic knowledge of the qualities, skills and processes involved in the planning and functioning of an undertaking in the sport business as well as of sport physiology, anatomy and anthropometry demonstrate skills to identify and analyse problems among sports people by means of video analysis and communicate the findings in writing and orally to the sports people, coaches and sport scientists; demonstrate the ability to plan, set up and manage a sport science business; correctly use specific exercise guidelines, performance goals, concepts, terminologies, convention, format, etc. in the composition, substantiation, analysis, evaluation and adaptation, as well as execution of sport-specific tests and programmes; and operate in an ethically correct manner within the desired parameters when functioning in the sport science practice. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic		

timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.

Module code: NUTA671	Semester 1 and 2	NQF-Level: 8
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Title: Advanced Nutrition

Module outcomes:

After the module has been completed, the student should be able to:

- demonstrate extensive and systematic knowledge of the evidence-based process that is used to make health claims or public health recommendations; The student must also be able to give reasons for the contribution of different study designs in this process;
- write a systematic review about a specific topic by comprehensively and systematically collecting and processing all the literature published on a specific topic; The quality of the research methodology must also be critically evaluated;
- interpret scientific evidence and make justifiable scientifically based conclusions and recommendations through scientific communication of the process and the evidence (written);
- implement knowledge and skills regarding the above in an ethically accountable manner.

Mode of delivery: Fulltime/contact.

Assessment methods:

Integrated assessment to ensure that the aim of the qualification is achieved will take place through various strategies:

- individual as well as group assignments, involving creativity, knowledge retrieval and application using appropriate methods and implementation of a computer, group communication and reporting that will contribute to a participation mark;
- individual and group discussions in class that, with reference to the previous point, will assess the development of the students scientific communication skills that contribute to a participation mark;
- written and/or oral mid-year and final exams on theoretical subject knowledge, practical problem-solving skills and experimental abilities
- questions that test critical outcomes like the identification and solving of problems, responsible decision-making and critical and creative reasoning, which contribute to the participation mark, are emphasized in particular.

Module code: NUTE671	Semester 1 and 2	NQF-Level: 8
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Title: Nutrition Epidemiology

Module outcomes:

After the module has been completed, the student should be able to:

- demonstrate extensive and systematic knowledge of nutrition epidemiology by explaining the main theoretical and conceptual frameworks within nutrition epidemiology;
- conduct epidemiological studies in the field of nutrition while the strengths and limitations of the method are taken into consideration;
- define the exposure and outcomes of the nutritional status of a population, the epidemiological approach to the cause of diseases, and the methodological considerations in the planning of the study; and
- In an independent, ethical and responsible manner, carry out an epidemiological analysis of the nutritional disparity in the world of health and communicate the results to the community and leaders with the aid of electronic media.

Mode of delivery: Fulltime/contact.

Assessment methods:

Integrated assessment to ensure that the aim of the qualification is achieved will take place through various strategies:

- individual as well as group assignments involving creativity, knowledge retrieval and application using appropriate methods and implementation of a computer, group communication and reporting that will contribute to a participation mark;
- individual and group discussions in class that, with reference to the previous point, will assess the development of the students scientific communication skills that contribute to a participation mark;
- written and/or oral mid-year and final exams on theoretical subject knowledge, practical problem-solving skills and experimental abilities
- questions that test critical outcomes like the identification and solving of problems, responsible decision-making and critical and creative reasoning, which contribute to the participation mark, are emphasized in particular.

Module code: NUTG671	Semester 1 and 2	NQF-Level: 8
Title: Nutrigenetics		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> display an extensive and systematic knowledge in the field of Critically evaluate and analyse the interaction of different known genetic and epigenetic deviations within the diet and their effect on nutrition-related illnesses; apply the specific knowledge of human molecular genetics (DNA, chromosome function and structure, as well as the central dogma of molecular biology) in the development of personal" diets for the improvement of individual as opposed to public health; apply a cohesive and critical knowledge of the most important terms, Rules, concepts, principles and theories of population genetics in a nutrition genetics context with respect to public health; understand the ethical, legal and social implications of 'nutrigenetics' research and individual nutrition when an experimental strategy is selected and implemented by using the most important techniques in human molecular genetics; and develop communication and presentation skills through scientific debate on current and relevant nutrigenetic topics by means of a seminar in order to develop his or her opinion and defend it scientifically. 		
Mode of delivery: Fulltime/contact.		
Assessment methods:		
Integrated assessment to ensure that the aim of the qualification is achieved will take place through various strategies:		
<ul style="list-style-type: none"> individual as well as group assignments involving creativity, knowledge retrieval and application using appropriate methods and implementation of a computer, group communication and reporting that will contribute to a participation mark; individual and group discussions in class that, with reference to the previous point, will assess the development of the student's scientific communication skills that contribute to a participation mark. 		
Module code: NUTP671	Semester 1 and 2	NQF-Level: 8
Title: Public Health Nutrition		
Module outcomes:		
At the end of the module the student should be able to:		
<ul style="list-style-type: none"> demonstrate comprehensive and systematic knowledge and understanding of the complex relationship between nutrition and health, and both super nutrition and malnutrition; This includes the nutrition transition in developing countries, as well as the exceptional vulnerability for chronic lifestyle diseases in developing populations, the extra burden of illness, and the global and South African incidence figures of diseases; The student should also understand the factors contributing to nutritional security and the influence of nutritional security on nutritional status; demonstrate a coherent and critical understanding of nutritional epidemiology and the determination of nutritional status within the public health framework; evaluate and interpret dietary intake data in epidemiological studies; demonstrate comprehensive knowledge on food and food policies and analyse the policy critically in order to apply it to problem-solving in case studies; and analyse the most pertinent public health nutritional problems in South Africa and apply a scientifically based health nutrition cycle in order to interpret existing knowledge, formulate goals and communicate responsible conclusions and recommendations. 		
Mode of delivery: Fulltime/contact		
Assessment methods:		
Integrated assessment to ensure that the aim of the qualification is achieved will take place through various strategies:		
<ul style="list-style-type: none"> individual as well as group assignments involving creativity, knowledge retrieval and application using appropriate methods and implementation of a computer, group communication and reporting that will contribute to a participation mark; individual and group discussions in class that, with reference to the previous point, will assess the development of the students scientific communication skills that contribute to a participation mark; written and/or oral mid-year and final exams on theoretical subject knowledge, practical problem-solving skills and experimental abilities questions that test critical outcomes like the identification and solving of problems, responsible decision-making and critical and creative reasoning, which contribute to the participation mark, are emphasized in particular. 		

Module code: NUTS671	Semester 1 and 2	NQF-Level: 8
Title: Sport Nutrition		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> demonstrate a comprehensive and systematic knowledge base of muscle physiology and energy metabolism during physical activity; analyse an athlete's food and supplement intake as well as nutritional needs during all seasons; demonstrate the ability to develop and implement an effective nutrition care plan for adult athletes according to specific needs and based on guidelines for successful nutrition for sport performance; communicate with athletes as well as their parents and coaches in an ethically accountable manner. 		
Mode of delivery: Fulltime/contact		
Assessment methods:		
Integrated assessment to ensure that the aim of the qualification is achieved will take place through various strategies:		
<ul style="list-style-type: none"> individual as well as group assignments involving creativity, knowledge retrieval and application using appropriate methods and implementation of a computer, group communication and reporting that will contribute to a participation mark; individual and group discussions in class that, with reference to the previous point, will assess the development of the student's scientific communication skills that contribute to a participation mark; written and/or oral mid-year and final exams on theoretical subject knowledge, practical problem-solving skills and experimental abilities questions that test critical outcomes like the identification and solving of problems, responsible decision-making and critical and creative reasoning, which contribute to the participation mark, are emphasized in particular. 		
Module code: PSYH611	Semester 1	NQF-Level: 8
Title: Psychological evaluation		
Module outcomes:		
After completion of this module, the student will demonstrate the following:		
<ul style="list-style-type: none"> integrated knowledge of and engagement in psychological evaluation and a critical understanding and application of processes relevant to psychological evaluation that aim at achieving a holistic view of the person; the ability to evaluate the use of tests on the grounds of their psychometric characteristics/properties and to evaluate and interpret the results of individuals in different tests or different test batteries; the ability to develop a psychological test, individually and in a group context, for the use of a complex, realistic problem; the ability to communicate verbally and/or in writing to an audience of equals by using relevant IT, about the following: the combination of tests results, cross cultural translation and adaptation of tests, the management of tests and ethical standards, administrative procedures involved in assessment, the communication of tests results and the future of psychological assessment; the ability of critical thinking and understanding of ethical consideration in psychological evaluation (intellectual and scholastic capabilities, aptitudes and interests, personality and interpersonal functioning) within different cultural and social environments; the ability to apply your advanced knowledge of the central methods of psychological evaluation to well-defined but unknown case studies by using the most applicable procedures and techniques of psychological evaluation; the ability to critically analyse qualitative and quantitative outcomes of psychological evaluation and synthesise a conclusion into a well-structured report and referral letter to an applicable professional, while demonstrating an awareness of the audience of the report and letter; self-regulated skills (including independently obtain, critically analyse and synthesise information from appropriate research articles and other credible sources and to use appropriate academic or professional discourse to present findings; reflect on the impact of the learning material on you as a person and future helper.) 		
Mode of delivery: Contact teaching – only fulltime.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYH612	Semester 1	NQF-Level: 8
Title: Community psychology: Theory		
Module outcomes:		
On completion of the module you should be able to:		
<ul style="list-style-type: none"> a critical understanding that communities, which are construed as geographically located areas, as 		

<p>well as social or interest groups having similar values, beliefs, practices and cultures, are embedded in various diverse contexts;</p> <ul style="list-style-type: none"> • an integrated knowledge of the theories underlying community psychology as well as relational well-being; the core values underpinning Community Psychology as well as relational well-being; as well as the ethical considerations applicable in Community Psychology; • presentation and communication skills; and • the ability to illustrate that learning on community level is a reflective and transformative activity. 		
Mode of delivery: Contact teaching – only fulltime.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYH613	Semester 1	NQF-Level: 8
Title: Applied positive psychology		
Module outcomes: On completion of this module, the student will demonstrate the following: <ul style="list-style-type: none"> • knowledge and informed understanding of Positive Psychology/Psychofortology as a movement within the field of Psychology, as well as the important paradigms, theories, concepts and ethical facets related to psychological health in order to apply it to the identification and facilitation of personal and others' functioning within a multicultural context; • the ability to apply relevant theories/research in cultural context with sensitivity to bio-psycho-social relationships in order to contextualize behavioural problems and facilitate psycho-social thriving from a positive psychological/psychofortological perspective; • the ability to solve complex and ill-defined real-world problems related to psychological and psycho-social health, using appropriate procedures and sound evidence drawn from a critical analysis of different theories within Positive Psychology/Psychofortology, and communicate the information reliably and coherently, both orally and in writing, giving proof of effective and critical reasoning; • the ability to apply a variety of specifically selected evidence-based strategies in a moral-ethical and culture-sensitive way in order to advance positive psychological flourishing in individuals, groups and communities while recognizing important bio-psycho-social associations, and with sensitivity to, among others, collectivist and individualist value systems. 		
Mode of delivery: Contact teaching – only fulltime.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYH621	Semester 2	NQF-Level: 8
Title: Intervention techniques		
Module outcomes: After completion of this module students should be able to: <ul style="list-style-type: none"> • an advanced knowledge and understanding of the theoretical and practical application of the hybrid crisis intervention model in a socio-cultural context; • the ability to critically engage with intervention theories and effectively select and apply essential procedures, operations and techniques to a variety of specific situations, e.g. posttraumatic stress disorder, lethality, sexual assault, partner violence, chemical dependency and bereavement; • the ability to apply advanced knowledge of brief-term intervention and ethical conduct to case studies and if needed identify applicable support structures for referral; • the ability to independently obtain, critically analyse and synthesise information from appropriate research articles and other credible sources using appropriate academic or professional discourse to present findings; and • a clear value system and code of ethical conduct in all forms of communication and interaction. 		
Mode of delivery: Contact teaching – only fulltime.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYH622	Semester 2	NQF-Level: 8
Title: Theoretical perspectives on rendering help		
Module outcomes: After completion of this module students should be able to: <ul style="list-style-type: none"> • comprehensive knowledge of and insight into various models and processes of psychological helping/counselling. • the ability to apply this knowledge of various therapeutic theories and techniques to unfamiliar case studies, develop suitable interventions on the basis of theory-driven ethically sound arguments and communicate them in reports according to the prescribed conventions of the subject; and • information gathering and processing skills for finalising assignments. 		

Mode of delivery: Contact teaching – only fulltime.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYH623	Semester 2	NQF-Level: 8
Title: Child and adolescent psychology		
Module outcomes:		
After completion of this module students should be have:		
<ul style="list-style-type: none"> • a thorough understanding of concepts, theories and key terminologies used in Developmental Psychology in order to communicate information reliably, coherently and ethically, in both oral and written assessment tasks and have an integrated knowledge base of the physical, cognitive and psychosocial development of human beings in every stage of the life cycle in assessment tasks and class presentations • integrated knowledge of parental pathology and a critical understanding and application of the effect thereof on child and adolescent development • the ability to understand, describe and explain the effect of modern technologies, such as cell phones and internet on the child and adolescent's development on physical, cognitive, social and emotional level • the ability of critical thinking and understanding of all ethical considerations in dealing with children and adolescents in general and children and adolescents culturally diverse families. • the ability to explain, discuss and describe the challenges culturally diverse families, gay/lesbian-stepfamilies and non-marriage families experience from different social contexts – politically, socially, religious and economic , • an integrated knowledge of the role of biological / neuropsychology in developmental psychology; • the ability to critically evaluate, analyse and synthesise information on families in adverse situations to be able to solve simulated problems individually or in groups. 		
Mode of delivery: Contact teaching – only fulltime.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYH671	Semester 1 and 2	NQF-Level: 8
Title: Research and ethics: Theory and practice		
Module outcomes:		
After completion of this module students should be able to:		
<ul style="list-style-type: none"> • an advanced knowledge and understanding of the theoretical underpinnings informing qualitative and quantitative research methods; • the ability to define, analyse, evaluate, select and apply relevant research methodologies and concepts related to research in psychology including qualitative and quantitative techniques of data gathering and analysis, • logical reasoning skills and ethical sensitivity in the conception, design and carrying out of an empirical research project focusing on community wellness under the supervision of an academic staff member, • the ability to develop a research report on the conducted research according to academic and practice-related standards. 		
Mode of delivery: Contact teaching – only fulltime.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: PSYH672	Semester 1 and 2	NQF-Level: 8
Title: Psychopathology		
Module outcomes:		
After completion of this module students should be able to:		
<ul style="list-style-type: none"> • comprehensive, integrated knowledge and understanding of Western and African perspectives on the various forms of psychopathology in children, adolescents and adults; • an ability to critically interrogate multiple sources of knowledge within the field of child, adolescent and adult psychopathology, and critically evaluate and review that knowledge and the manner in which the knowledge was produced; • skills to recognise, analyse and correctly diagnose possible aetiologies relating to child, adolescent and adult psychopathology in case studies; • the ability to make meaningful and relevant referrals for continued and advanced intervention after studying case studies; and • ethical behaviour in all actions and base these actions on an established value system. 		
Mode of delivery: Contact teaching – only fulltime.		

Module code: RKKX673	Semester 1 and 2	NQF-Level: 8
Title: Recreation Management		
Module outcomes: After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate comprehensive and systematic knowledge of practical skills with regard to the presentation of recreation services; • use effective and appropriate practical skills in order to successfully present and manage recreation services in a professional manner; • demonstrate a coherent and critical understanding of the science, research and technology and the ability to combine that with the necessary theoretical expertise in order to identify and solve known problems in the recreation practice; and • master sensitive issues in the facilitation practice in a professional and ethically accountable manner. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: RKKX677	Semester 1 and 2	NQF-Level: 8
Title: Therapeutic Recreation		
Module outcomes: After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate a comprehensive and systematic knowledge base of therapeutic recreation within a multidisciplinary relationship, together with the philosophical basis for effective service delivery, and combine this knowledge with the necessary theoretical expertise to identify, analyse, evaluate and solve practice-oriented problems; • successfully master effective and appropriate planning skills within the systems approach of service delivery in order to implement a variety of interventions; • handle sensitive issues in the Therapeutic Recreation practice in an ethical and responsible manner; • collect, analyse and interpret scientific research data under supervision from literature and case studies and use the results for positive leisure time functioning. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: RKKX678	Semester 1 and 2	NQF-Level: 8
Title: Advanced Facilitation		
Module outcomes: After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate comprehensive and systematic knowledge of experiential learning, as well as the characteristics and skills that a facilitator must have; • demonstrate effective and functional processing skills to successfully facilitate a variety of leisure time programmes for target groups; • demonstrate a coherent and critical understanding of science, research and technology and the ability to combine that with the necessary theoretical expertise in order to identify and solve problems; and • master sensitive issues in the facilitation practice in an ethically accountable manner. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		

Module code: RKKX679	Semester 1 and 2	NQF-Level: 8
Title: Leisure Programming		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate a comprehensive and systematic knowledge base and understanding of the handling of leisure time programming, operating a practice and applicable strategies to optimise leisure time service delivery; • demonstrate effective and functional planning skills in order to effectively apply leisure time service delivery and programmes within a variety of communities and populations; • demonstrate the ability to identify and analyse problems with regard to the planning and implementing of leisure time service delivery and offer theory-driven solutions on the basis of research and technology; • solve problems regarding leisure time programming in an ethically accountable manner in order to contribute to the promotion of recreation service delivery in South Africa; and • collect, analyse and interpret scientific research data under supervision from literature and case studies and use the results for positive leisure time functioning 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: RKKX681	Semester 1 and 2	NQF-Level: 8
Title: Applied Recreation Management		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate comprehensive and systematic knowledge of service delivery and management in the recreation environment; • apply effective and appropriate management skills during the planning, organising and presentation of recreation services; • demonstrate a coherent and critical understanding of the science, research and technology and the ability to combine that with the necessary theoretical expertise in order to identify and solve problems; • solve problems regarding recreation management in an ethically accountable manner in order to contribute to the promotion of recreation service delivery in South Africa. 		
Mode of delivery Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Assessment for obtaining a participation mark is done according to the prescriptions in the study guide for each module. Formal assessment (class tests and assignments) will be written according to the guidelines in the study guides and at the times scheduled for them in the academic calendar. Students write one final examination at the end of a semester according to the academic timetable. A second examination opportunity will be available to students who have missed the first opportunity and/or have failed the first examination.		
Module code: VGHB671	Semester 1 and 2	NQF-Level: 8
Title: Housing and Community Development		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> • show a coherent and critical comprehension of housing and community development so that (i) possible solutions/recommendations for specific consumer problems regarding housing and community development may be offered, and (ii) the implications for consumer behaviour based on this may be critically evaluated; • be able to identify complex and/or actual problems and questions in relevant approaches regarding housing and community development upon which the planning and arranging of living space is based; • show knowledge and insight regarding the housing needs of communities so that the connection between housing satisfaction and quality of life will enable you to handle similar questions in practice through the analysis, evaluation, synthesis and integration of information; • be able to identify, analyse and critically to evaluate and justify with evidence-driven arguments research literature and statutory regulations relevant to housing and community development; • demonstrate an ethically correct attitude with regard to the manner in which you approach the 		

<p>consumer by making recommendations acceptable to both parties; and</p> <ul style="list-style-type: none"> • demonstrate the principles and values underlying decision-making and housing law, as well as economic aspects in an academic-professional study. Communication takes place in the form of a written report and an oral presentation to suitable audiences within the context of consumer counselling regarding types of housing at the micro level. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VGHB672	Semester 1 and 2	NQF-Level: 8
Title: Consumer Resource Management		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> • demonstrate effective skills at retrieving, processing, interpreting and integrating academic literature relevant to consumer resource management; • show a coherent and critical comprehension of the principles that apply to resource management in order to (i) understand the consumer better and to critically evaluate their behaviour and decision-making process, and thereby (ii) to make meaningful recommendations based upon this evaluation; • identify, analyse and investigate complex problems and questions in resource management behaviour and offer evidence-driven solutions from theory-driven arguments; • demonstrate and orally communicate the principles and values underlying family welfare and family resource management; • in order to facilitate the homeowner's life, evaluate and analyse computerisation of the domestic environment and all the most recent developments in the area of domestic apparatus; • evaluate environmental conservation as well as responsible management of scarce resources in order to address sound resource management as well as consumer counselling; • present lectures suitable for a variety of audiences in a clear and meaningful fashion. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VGHB673	Semester 1 and 2	NQF-Level: 8
Title: Interior Design		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> • show a coherent and critical comprehension of the principles of environmental psychology so that (i) a particular built environment problem may be investigated and (ii) on-going research based on this may be critically evaluated; • be able to identify, analyse and investigate complex and/or actual problems and questions in environmental psychology within the field of consumer studies, and also to offer evidence-driven solutions from theory-driven arguments; • identify, analyse, integrate and independently evaluate research in environmental psychology by executing a particular research survey; • demonstrate effective skills at retrieving, processing, interpreting and integrating information with regard to academic literature relevant to consumer sciences in the field of environmental psychology; • demonstrate the principles and values underlying scientific research in an academically professional research project, as well as a follow-up report, and communicate it orally to a variety of audiences by using different genres appropriate to the context. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VKLE671	Semester 1 and 2	NQF-Level: 8
Title: Specialised Textile Studies		
Module outcomes:		
Upon completion of this module the student should be able to:		
<ul style="list-style-type: none"> • have extensive and systematic knowledge of the physical textile environment to be found in the consumer sciences discipline through the analysis, evaluation, synthesis and integration of information, which will enable the student to write reports on various given topics scientifically and using correct terminology; • identify, analyse and critically evaluate with evidence-driven arguments research literature relevant to new developments in the textile field, and report on these; • determine usefulness criteria for specifically chosen textile products; • identify and apply suitable textile tests for the chosen textile and account for it in a report; and • demonstrate an ethically correct attitude with regard to the manner in which the experimental work was done. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		

Module code: VKLE672	Semester 1	NQF-Level: 8
Title: Advanced Fashion Industry		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> show a coherent and critical comprehension of the principles, as well as a variety of methods, techniques of fashion purchasing terminology in the retail environment, so that the consumer's needs / problems in this environment may be examined and satisfied / solved through the application of critical research techniques and well considered purchasing processes; identify, analyse and investigate complex problems and questions in the fashion retail purchasing environment, and offer evidence-driven solutions from theory-driven arguments; identify, analyse, integrate and independently evaluate fashion trend sources and information in order to apply it to a specific retail environment; and demonstrate in oral communication and personal decision-making the principles underlying marketing, as well as the support of international markets and various purchasing techniques. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VNAM671	Semester 1 and 2	NQF-Level: 8
Title: Consumer Research Methods and Scientific Writing		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> show a coherent and critical comprehension of the principles of research in consumer sciences, as well as a variety of methods, techniques and technology, so that (i) a choice may be made from these that will be suitable for a research problem in the field under investigation, and (ii) based on this, current research may be critically evaluated; be able to identify, analyse and investigate complex and/or actual problems and questions in consumer sciences, and also to offer evidence-driven solutions from theory-driven arguments; identify, analyse, integrate and independently evaluate quantitative and qualitative data by executing a particular research survey; demonstrate effective skills at retrieving, processing, interpreting and integrating information with regard to academic literature relevant to consumer sciences; have extensive and systematic knowledge of the art, style and structure of scientific writing, facilitating its practical application to the writing of documents through the analysis, evaluation, synthesis and integration of information, which will enable you scientifically to complete the honours project report and other written assignments; be able to identify, analyse and critically to evaluate and justify with evidence-driven arguments research literature relevant to consumer sciences; and demonstrate an ethically correct attitude with regard to the manner in which they exploit, interpret and integrate literature, as well as the way in which they undertake consumer-directed study. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
VNAV671	Semester 1 and 2	NQF-Level: 8
Title: Research Project – Research Report - Presentation		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> demonstrate a coherent and critical comprehension with regard to the execution of research in consumer behaviour; select the most appropriate qualitative and quantitative research methods to scientifically investigate a research problem for the honours research project; be able to identify, analyse and investigate complex and/or actual problems and questions in consumer studies, and also to offer evidence-driven solutions from theory-driven and research-driven arguments; do a critical evaluation of research problems, investigate it practically through field-work research during the honours research project, and offer recommendations based thereupon by means of written and oral scientific communication; in the practical execution or research identify, analyse, interpret and apply research literature relevant to the field of consumer behaviour as well as the consumer science disciplines (food, clothing and interior); and demonstrate an ethically correct attitude with regard to the manner in which they undertake and present consumer-directed study. 		
Mode of delivery: Fulltime / Part-time – Contact.		

Module code: VVBG671	Semester 1 and 2	NQF-Level: 8
Title: Consumer Behaviour		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> show a coherent and critical comprehension of the principles that apply to consumer behaviour in order to (i) understand the consumer better and critically evaluate this purchasing behaviour and decision-making process, and (ii) make meaningful recommendations based upon this evaluation; identify, analyse and investigate complex and/or actual problems and questions in consumer behaviour, and also to offer evidence-driven solutions from theory-driven arguments; have a systematic and extensive knowledge of those aspects pertaining to consumer behaviour that may be applied from within the subject discipline of Consumer Sciences by doing an analysis, synthesis and evaluation of the relevant research literature; analyse and apply practically the approaches of various authors to the effects of external influences upon consumer behaviour; and critically analyse and evaluate different models of, and approaches to consumer decision-making, consumer socialising and market segmentation. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VVDL672	Semester 1 and 2	NQF-Level: 8
Title: Food Product Development		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> do extensive and systematic theoretical research in the form of literature studies on relevant fields in the NFPD process by analysing and evaluating various sources of information; identify a potentially new product; synthesise and integrate relevant information so that the potential product may be fully motivated; perform all aspects of the development process theoretically; suggest screening process and use SE as an instrument for this purpose; set up a complete NPVO flow-chart for the product where all aspects of the complete process may be evaluated thoroughly with evidence-driven arguments; develop a product in terms of the above-mentioned diagram and test its acceptability among consumers; suggest various launching methods; and present the complete project in a scientific fashion as a mini research project with a business plan in the form of a written report. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: VVDL673	Semester 1 and 2	NQF-Level: 8
Title: Consumer Behaviour in Food		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> show a coherent and critical comprehension of the principles, as well as various types of consumer behaviour regarding food, so that (i) possible solutions / recommendations for specific consumer problems in the food industry / retail trade may be offered, and (ii) the implications for consumer behaviour of food-related phenomena, factors and events based on these may be critically evaluated; identify and analyse complex and/or actual problems and questions in the food industry and consumer sciences, and also to offer evidence-driven solutions from theory-driven arguments; have extensive and systematic knowledge of consumer behaviour so that you may apply it practically to specific components of the food industry through the analysis, evaluation, synthesis and integration of information, which will enable you to handle similar questions in practice; identify, analyse and critically evaluate and justify with evidence-driven arguments research literature relevant to the field of food; and demonstrate an ethically correct attitude with regard to the manner in which you approach the consumer by making recommendations that are ethically acceptable to both parties. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		

Module code: VVO0671	Semester 1 and 2	NQF-Level: 8
Title: Adult Education and Training		
Module outcomes: Upon completion of this module the student should be able to:		
<ul style="list-style-type: none"> • demonstrate effective skills at retrieving, processing, interpreting and integrating information with regard to academic literature relevant to adult education and training; • have comprehensive and systematic knowledge and skills that will enable you to function within an adult education and training environment by integrating, analysing and evaluating the relation between community education programmes, capacity building and empowerment; • have knowledge of certain aspects of the South African Qualifications Organisation, as well as related structures, and be able to apply this in the work environment; • demonstrate an ethically correct attitude towards the application of adult education and training; • demonstrate the principles and values underlying consumer behaviour as well as adult education and training in an academically professional context, as well as a follow-up report, and communicate it orally to a variety of audiences by using different genres appropriate to the context; • have a systematic and extensive knowledge of adult education and training; and consequently be able to compile criteria to which adult education and training programmes must comply; • study and evaluate different ways in which adult education and training programmes are compiled and presented, as well as make recommendations concerning the most successful methods; • analyse within the context the relation between community development, community education and training, capacity building and empowerment, and give your own opinion regarding its success or otherwise; • study and analyse intervention research, compile your own intervention programme for a community, and present it with the required and appropriate resources; • recommend and apply the latest methods for evaluation and assessment; • give an overview of adult basic education and training (ABET) and learnerships as applied in South Africa; • give an overview of adult basic education and training (not an in-depth study); as well as • analyse and evaluate adult education and training as part of the consumer scientist's task, and also make recommendations to execute it with the greatest possible success. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module		

G.2.2 MASTERS DEGREES

Module code: CLNP811	Semester 1	NQF-Level: 9
Title: Clinical Pharmacy, Social Pharmacy, and Professional Practice		
Module outcomes: After completion of this unit the student should be able to:		
<ul style="list-style-type: none"> • Elicit a complete patient history. • Demonstrate a broad understanding of the components that form a laboratory result and the clinical application of these tests, with special reference to certain highlighted areas (e.g., diabetes mellitus, hyperlipidaemia, electrolyte imbalances, liver function tests, full blood count, and iron disorders). • Communicate effectively with a wide range of audiences using a variety of methods including written, poster, oral and web-based presentations. • Culminate and integrate student and clinical skills, evidence-based studying and patient-centred decision making in each individual case study. • Participate in and contribute to a multi-disciplinary team 		
Mode of delivery: The programme is divided into four semesters (two study years). Each semester begins with a 5 day compulsory introductory workshop. It is followed up with 4 contact days each 8 weeks (compulsory).		
Assessment methods: Continuous assessment by means of:		
<ul style="list-style-type: none"> • Assignments, • group discussions, • case study presentations, • online tutorials (e-Fundi), • practical assessments, • written examination, and 		

<ul style="list-style-type: none"> portfolio <p>will be utilized as modes of outcome evaluation.</p>		
Module code: CLNP812	Semester 1	NQF-Level: 9
Title: Clinical Epidemiology, Research Methodology, Biostatistics, and Evidence-based Medicine		
Module outcomes: After completion of this unit the student should be able to: <ul style="list-style-type: none"> Demonstrate an understanding for the classical "scientific method" and appropriate experimental design. Demonstrate an understanding of the statistical methods commonly employed in biomedical sciences, population distributions, and sampling. Understand and interpret experimental data in terms of their biological significance for the population as well as the individual patient. Create, design and explore a research question in a specialised area and evaluate this research with appropriate justification or create, design and explore a work-based learning project to evaluate an issue in practice. Demonstrate an acquired knowledge, understanding, and professional attitude in interpretation of clinical and epidemiological studies for use in patient health assessment. 		
Mode of delivery: The programme is divided into four semesters (two study years). Each semester begins with a 5 day compulsory introductory workshop. It is followed up with 4 contact days each 8 weeks (compulsory).		
Assessment methods: Continuous assessment by means of: <ul style="list-style-type: none"> assignments, feedback reports, group discussions, journal presentations, online tutorials (e-Fundi), practical assessments, and written examination 		
Module code: CLNP821	Semester 2	NQF-Level: 9
Title: Clinical Pharmacotherapeutics and Therapeutic Outcomes Management II		
Module outcomes: After completion of this unit the student should be able to: <ul style="list-style-type: none"> Demonstrate a basic understanding of the relationship between pathophysiologic principles and the clinical manifestations, diagnosis, prognosis and management of common diseases. Demonstrate an in-depth knowledge of specialised areas of pharmacotherapy and have an appreciation of the current range of theoretical and research understanding in those areas. Demonstrate knowledge of the anatomical and physiological factors which influence drug delivery and elimination of drugs. Culminate and integrate social and clinical skills, evidence-based studying and patient-centred decision making in each individual case study. 		
Mode of delivery: The programme is divided into four semesters (two study years). Each semester begins with a 5 day compulsory introductory workshop. It is followed up with 4 contact days each 8 weeks (compulsory).		
Assessment methods: Continuous assessment by means of: <ul style="list-style-type: none"> assignments, feedback reports, group discussions, case study presentations, journal presentations, online tutorials (e-Fundi), practical assessments, written and oral examination, and portfolio <p>will be utilized as modes of outcome evaluation</p>		

Module code: CLNP813	Semester 2	NQF-Level: 9
Title: Clinical Pharmacotherapeutics and Therapeutic Outcomes Management I		
Module outcomes:		
After completion of this unit the student should be able to:		
<ul style="list-style-type: none"> • Demonstrate a basic understanding of the relationship between pathophysiologic principles and the clinical manifestations, diagnosis, prognosis and management of common diseases. • Demonstrate an in-depth knowledge of specialised areas of pharmacotherapy and have an appreciation of the current range of theoretical and research understanding in those areas. • Demonstrate knowledge of the anatomical and physiological factors which influence drug delivery and elimination of drugs. • Culminate and integrate social and clinical skills, evidence-based studying and patient-centred decision making in each individual case study. 		
Mode of delivery: The programme is divided into four semesters (two study years). Each semester begins with a 5 day compulsory introductory workshop. It is followed up with 4 contact days each 8 weeks (compulsory).		
Assessment methods: Continuous assessment by means of:		
<ul style="list-style-type: none"> • assignments, • feedback reports, • group discussions, • case study presentations, • journal presentations, • online tutorials (e-Fundi), • practical assessments, • written and oral examination, and • portfolio <p>will be utilized as modes of outcome evaluation.</p>		
Module code: CLNP814	Semester 1	NQF-Level: 9
Title: Clinical Drug Toxicology, Drug Therapy in Oncology and the Management of Drug Abuse		
Module outcomes:		
After completion of this unit the student should be able to:		
<ul style="list-style-type: none"> • Demonstrate an understanding of the absorption, distribution, metabolism, and excretion processes of toxicants (toxicokinetics) • Demonstrate an understanding of target organ toxicity, typical mechanisms, and consequences involving specific organ systems • Describe methods involved in evaluation of toxic effects on selected organ systems • Demonstrate the ability to critically evaluate primary literature in pharmacology and toxicology • Culminate and integrate social and clinical skills, evidence-based studying and patient-centred decision making in each individual case study regarding toxicology, oncology and drug abuse. 		
Mode of delivery:		
The programme is divided into four semesters (two study years). Each semester begins with a 5 day compulsory introductory workshop. It is followed up with 4 contact days each 8 weeks (compulsory).		
Assessment methods: Continuous assessment by means of:		
<ul style="list-style-type: none"> • assignments, • feedback reports, • group discussions, • case study presentations, • journal presentations, • online tutorials (e-Fundi), • practical assessments, • written and oral examination, and • portfolio <p>will be utilized as modes of outcome evaluation.</p>		
Module code: CLNP873	Semester 2	NQF-Level: 9
Title: Mini-dissertation: Advanced Clinical Pharmacy		
Module outcomes:		
After completion of this unit the student should be able to:		
<ul style="list-style-type: none"> • Demonstrate specialist knowledge and critical understanding of clinical pharmacy to enable engagement with research in this practice. • Demonstrate understanding of principles, theories and techniques relevant to clinical pharmacy so 		

<p>that s/he can individually and under supervision, identify a complex and real-world clinical problem, undertake relevant literature survey, including the analyses, evaluation and integration of information and apply this to structured research and solve the problem.</p> <ul style="list-style-type: none"> Communicate effectively and ethically the research results in a scientifically acceptable article format and verbally presents this to specialist and non-specialist audiences, using supportive Information Technology. 		
Mode of delivery: Fulltime/part-time - contact		
Assessment methods: Final Master's Degree evaluation as set out in the "Manual for postgraduate studies", the Academic Rules and the Faculty Rules of the NWU		
Module code: FCHG871	Semester 1 and 2	NQF-Level: 9
Title: Pharmaceutical Chemistry		
Module outcomes:		
After completion of the module the student should be able to:		
<ul style="list-style-type: none"> identify a research problem/need, and to plan and execute a suitable research design in a scientific and ethical manner by making use of appropriate research methods, techniques and procedures; interpret and integrate research results in a scientifically accountable manner and compile a research report out of it; and communicate research results in a scientific and ethical way - orally and in writing. 		
Mode of delivery: An introductory course in research methodology, laboratory safety, ethics, statistics and good laboratory practice is offered at the start of the program and proof of participation must be obtained. The programme consists only of a dissertation and the research project is executed by the student in cooperation with the supervisors, sub programme leaders and research director.		
Assessment methods: Examined internally and externally in accordance with the NWU regulations.		
Module code: FKLG871	Semester 1 and 2	NQF-Level: 9
Title: Pharmacology		
Module outcomes:		
After completion of the module the student should be able to:		
<ul style="list-style-type: none"> identify a research problem/need, and to plan and execute a suitable research design in a scientific and ethical manner by making use of appropriate research methods, techniques and procedures; interpret and integrate research results in a scientifically accountable manner and to compile a research report out of it; and communicate research results in a scientific and ethical way, both orally and in writing. 		
Mode of delivery: An introductory course in research methodology, laboratory safety, ethics, statistics and good laboratory practice is offered at the start of the program and proof of participation must be obtained. The programme consists only of a dissertation and the research project is executed by the student in cooperation with the supervisors, sub programme leaders and research director.		
Assessment methods: Examined internally and externally in accordance with the NWU regulations.		
Module code: FLGX871	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Physiology)		
Module outcomes:		
At the end of the module the student should be able to:		
<ul style="list-style-type: none"> demonstrate advanced knowledge and skills to identify a relevant research question within the field of Cardiovascular Physiology; plan and carry out a suitable quantitative and/or qualitative research design in a scientific and ethical manner by using suitable research methods, techniques and procedures; and interpret the research findings in a scientifically accountable manner and use them to compile a research report. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: FLGX873	Semester 1 and 2	NQF-Level: 9
Title: Mini-Dissertation (Occupational Hygiene)		
Module outcomes:		
At the end of the module the student should be able to:		
<ul style="list-style-type: none"> demonstrate advanced knowledge and skills to identify a relevant research question within the field of Occupational hygiene and safety; plan and carry out a suitable quantitative and/or qualitative research design in a scientific and ethical manner by using suitable research methods, techniques and procedures; and interpret the research findings in a scientifically accountable manner and use them to compile a research report. 		

Mode of delivery: Fulltime – Contact.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: FLGX884	Semester 1 and 2	NQF-Level: 9
Title: Occupational Hygiene Monitoring B		
Module outcomes:		
At the end of the module the student should be able to:		
<ul style="list-style-type: none"> estimate the health risk posed by certain environmental factors in the workplace; and identify, quantify and control such risk. 		
Mode of delivery: Fulltime – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX885	Semester 1 and 2	NQF-Level: 9
Title: Vibration, Heat and Ergonomic Factors		
Module outcomes:		
At the end of the module the student should be able to:		
<ul style="list-style-type: none"> identify poor ergonomic work practices as well as vibration and exposure to heat/cold; make relevant recommendations with regard to workplace design and the ergonomically correct handling of tools; and demonstrate the necessary knowledge to protect workers against exposure to heat and cold by means of different physical methods as well as acclimatisation. 		
Mode of delivery: Fulltime – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX886	Semester 1 and 2	NQF-Level: 9
Title: Labour Legislation		
Module outcomes:		
At the end of the module the student should be able to:		
<ul style="list-style-type: none"> demonstrate knowledge applicable to occupational hygiene, including the Occupational Health and Safety Act, Mine Health and Safety Act, appropriate regulations and the NIOSH's Occupational Exposure Sampling Strategy Manual (OESSM). 		
Mode of delivery: Fulltime – Contact.		
Assessment methods: One examination per module.		
Module code: FLGX887	Semester 1 and 2	NQF-Level: 9
Title: Personal Protection Equipment and Radiation		
Module outcomes:		
At the end of the module the student should be able to:		
<ul style="list-style-type: none"> identify and quantify the different types of radiation; and demonstrate the required knowledge to protect the worker in general against harmful environmental factors. 		
Mode of delivery: Fulltime – Contact.		
Assessment methods: One examination per module.		
Module code: FMSG871	Semester 1 and 2	NQF-Level: 9
Title: Pharmaceuticals		
Module outcomes:		
After completion of the module the student should be able to:		
<ul style="list-style-type: none"> identify a research problem/need, and to plan and execute a suitable research design in a scientific and ethical manner by making use of appropriate research methods, techniques and procedures; interpret and integrate research results in a scientifically accountable manner and compile a research report out of it; and communicate research results in a scientific and ethical way - orally and in writing. 		
Mode of delivery: An introductory course in research methodology, laboratory safety, ethics, statistics and good laboratory practice is offered at the start of the program and proof of participation must be obtained. The programme consists only of a dissertation and the research project is executed by the student in cooperation with the supervisors, sub programme leaders and research director.		
Assessment methods: Internal and external evaluation according to NWU policy		

Module code: FPHA811	Semester 1 and 2	NQF-Level:9
Title: Applied Pharmaco-economics		
Module outcomes: After completion of the programme the student should		
<ul style="list-style-type: none"> demonstrate advanced and comprehensive specialist knowledge of pharmaco-economic analytical principles and methods; have the ability to apply appropriate pharmaco-economic analytical techniques scientifically in order to identify and solve a specific problem; and demonstrate skills for undertaking literature searches, critically reviewing already published reports and compiling and communicating an own pharmaco-economic report in an ethically responsible manner, while making use of suitable IT. 		
Mode of delivery: The module is presented by contact as it is expected of students to attend courses during the course of the year on various topics that support the contents of the module.		
Assessment methods: Students will write one examination. There will also be a second opportunity if the student did not pass the first opportunity.		
Module code: FPHA812	Semester 1 and 2	NQF-Level: 9
Title: Applied Pharmaco-epidemiology		
Module outcomes: After completion of the module the student should		
<ul style="list-style-type: none"> have advanced and comprehensive specialist knowledge of certain epidemiological and pharmaco-epidemiological principles, concepts and techniques, as well as of evidence-based medicine; demonstrate the ability to plan and apply/propose appropriate epidemiological research designs in the field of medicine consumption; demonstrate skills to identify, collect and analyse appropriate data needed for pharmaco-epidemiological studies by making use of correct data analysis techniques, while at the same time applying the principles of risk and risk-determining techniques to pharmaco-epidemiological data; and demonstrate skills for reviewing published reports critically with the aid of meta-analyses and then compiling own results in a pharmaco-epidemiological report of a prescribed format. 		
Mode of delivery: The module is presented by contact as it is expected of students to attend courses during the course of the year on various topics that support the contents of the module.		
Assessment methods Students will write one examination. There will also be a second opportunity if the student did not pass the first opportunity.		
Module code: FPHA872	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Pharmacy Practice)		
Module outcomes: After completion of the module the student should be able to:		
<ul style="list-style-type: none"> plan and execute a suitable quantitative and/or qualitative research design in a scientific and ethical manner by making use of appropriate research methods, techniques and procedures; interpret and integrate research results in a scientifically accountable manner and compile a research report out of it; and communicate research results in a scientific and ethical way - orally and in writing. 		
Mode of delivery: Complete a research project under the guidance of a supervisor/s.		
Assessment methods: : Internal and external evaluation according to NWU policy		
Module code: FPHA813	Semester 1	NQF-Level: 9
Title: Research methodology and introductory biostatistics		
Module outcomes: After completion of the module the student should be able to:		
<ul style="list-style-type: none"> Demonstrate appropriate knowledge and skills to identify a relevant research problem in pharmacy practice research. Apply basic qualitative and quantitative research concepts, methods and processes via the formulation of a research question, and the development of a research proposal in the prescribed format, while addressing requirements for good ethical practice; Understanding of basic concepts and methods of data analysis and the interpretation of statistical results in pharmacy and clinical practice; Identify the appropriate graphical and statistical methods to use for summarisation, description, estimation and hypothesis-testing of a given data set. Present results of statistical analyses in an appropriate format suitable for publication. Critically evaluate published research papers and projects, being aware of problems of design, 		

<p>analyses and interpretation.</p> <ul style="list-style-type: none"> • Demonstrate the necessary skills to interpret and communicate the results and limitations of statistical analyses in both technical and non-technical terms. • Develop a research protocol. 		
Mode of delivery: Fulltime/Part time - Contact		
Assessment methods:		
<p>Evaluation methods include independent assignments as well as a final examination at the end of the semester. There will be a number of independent assignment(s) for most of the study units throughout the semester. The marks that you earn with all assignments will earn you a participation mark.</p> <p>The final (module) mark for this module will consist of the following: Participation mark (50%) and Examination (50%). Criteria for admission to the examination are a 50% participation mark. In order to successfully complete the course, you must obtain a module (final) mark of 50%.</p>		
Module code: FPHA814	Semester 1	NQF-Level: 9
Title: Disease Management		
Module outcomes:		
After completion of the module the student should be able to:		
<ul style="list-style-type: none"> • Interact effectively within the learning group and inter professional health team within the context of lifestyle disease management • Demonstrate an advanced and comprehensive scientific knowledge of life style diseases to specifically enable engagement with and critique of underlying socioeconomic, cultural and environmental determinants • Demonstrate the ability to plan and apply appropriate and creative qualitative and/or quantitative methods to complex practical and theoretical problems regarding lifestyle disease management • Show the ability to make autonomous ethical decisions, that may affect knowledge production or complex organisational and professional issues • Critically contribute to the development of ethical standards in lifestyle disease management • Conduct a comprehensive literature review of leading and current research in lifestyle disease management • Analyse current lifestyle disease scenarios and design and implement a strategy for the processing of information and management of lifestyle diseases based on the analysis • Communicate effectively with a wide range of audiences using a variety of methods including written, poster, oral and web-based presentations 		
Mode of delivery: Fulltime/Part time - Contact		
Assessment methods: Evaluation methods include a number of independent assignments as well as a final examination at the end of the semester. The marks of the independent assignments will contribute to the participation mark. The final (Module) mark for the module will consist of the participation mark (50%) and a written examination (50). In order to be successfully complete the module, the student will have to obtain a module (final) mark of 50%. A subminimum of 50% for the final examination is required.		
Module Code: GRTL873	Semester 1 and 2	NQF-Level: 9
Title: Mini-dissertation (Gerontology)		
Module outcomes:		
At the end of the module the student should be able to demonstrate:		
<ul style="list-style-type: none"> • The ability to conduct independent research in the field of health promotion within a transdisciplinary context that use a range of skills to identify, analyse and address complex and abstract problems 		
Mode of delivery: Fulltime / Part-time		
Assessment methods: Internal and external evaluation according to NWU policy		
Module Code: GRTL813	Semester 1 and 2	NQF-Level: 9
Title: Population ageing and policies		
Module outcomes:		
At the end of the module the student should be able to demonstrate:		
<ul style="list-style-type: none"> • knowledge and critical understanding of international and national policies and frameworks on population ageing. • Knowledge and engagement which reflects an understanding of the policies and trends in Sub-Saharan Africa on fertility, mortality and migration. • The ability to engage in dialogue on challenges regarding the aging demographics 		
Mode of delivery: Fulltime / Part-time		
Assessment methods: Continuous formative and summative assessments and final written examination.		

Module Code: GRTL814	Semester 1 and 2	NQF-Level: 9
Title: Bio-medical and social theories		
Module outcomes:		
At the end of the module the student should be able to demonstrate:		
<ul style="list-style-type: none"> an understanding of key theoretical and conceptual approaches from a bio-medical perspective regarding the complex realities of older people in South Africa an understanding of key theoretical and conceptual approaches from a social science perspective in the complex realities of older people in South Africa 		
Mode of delivery: Fulltime / Part-time		
Assessment methods: Continuous formative and summative assessments and final written examination.		
Module Code: GRTL815	Semester 1 and 2	NQF-Level: 9
Title: Quality of life and well-being of older persons		
Module outcomes:		
At the end of the module the student should be able to:		
<ul style="list-style-type: none"> Identify the strengths and contributions of older persons to deal with complex realities; Promote positive ageing 		
Mode of delivery: Fulltime / Part-time		
Assessment methods: Continuous formative and summative assessments and final written examination.		
Module Code: GRTL816	Semester 1 and 2	NQF-Level: 9
Title: Gerontological interventions		
Module outcomes:		
At the end of the module the student should be able to:		
<ul style="list-style-type: none"> identify the current and emerging needs of individuals and communities related to the ageing process from a bio-medical or social sciences perspective in terms of cross-cutting issues such as poverty, intergenerational relations and gender. Draw valid, reliable and relevant conclusions from a needs or asset-based approach; Develop appropriate micro-, meso- or macro level-interventions 		
Mode of delivery: Fulltime / Part-time		
Assessment methods: Continuous formative and summative assessments and final written examination.		
Module code: MBWB871	Semester 1 and 2	NQF-Level: 9
Title: Biokinetics (Dissertation)		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> demonstrate a comprehensive and systematic knowledge base of research methodologies and techniques in Human Movement Science with specialist knowledge in Biokinetics; synthesise and apply the knowledge of research methodologies and techniques applicable to one of the above specialist areas in planning, composing and executing a research project; identify and solve a complex research problem or question in one of the abovementioned specialist areas by using skills for developing and processing information and the collecting, capturing, processing, analysing and interpreting of research data; present a dissertation effectively and professionally and in compliance with the standards of scientific professional writing under supervision using advanced IT and communicating the results to a national specialist examination panel, using academic-professional reasoning; and act in an ethically correct manner and within the required parameters during the execution of the mini-research project and composition and completion of the mini-thesis. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Evaluation of dissertation by internal and external examiners.		
Module code: MBWK871	Semester 1 and 2	NQF-Level: 9
Title: Kinderkinetics (Dissertation)		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> demonstrate a comprehensive and systematic knowledge base of research methodologies and techniques in Human Movement Science with specialist knowledge in Kinderkinetics; synthesise and apply the knowledge of research methodologies and techniques applicable to one of the above specialist areas in planning, composing and executing a research project; identify and solve a complex research problem or question in one of the abovementioned specialist areas by using skills for developing and processing information and the collecting, capturing, 		

<p>processing, analysing and interpreting of research data;</p> <ul style="list-style-type: none"> present a dissertation effectively and professionally and in compliance with the standards of scientific professional writing under supervision using advanced IT and communicating the results to a national specialist examination panel, using academic-professional reasoning; and act in an ethically correct manner and within the required parameters during the execution of the mini-research project and composition and completion of the mini-thesis. 		
<p>Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.</p>		
<p>Assessment methods: Evaluation of dissertation by internal and external examiners</p>		
<p>Module code: MBWS871</p>	<p>Semester 1 and 2</p>	<p>NQF-Level: 9</p>
<p>Title: Sport Science practise</p>		
<p>Module outcomes: After the module has been completed, the student should be able to:</p> <ul style="list-style-type: none"> demonstrate a comprehensive and systematic knowledge base of research methodologies and techniques in Human Movement Science with specialist knowledge in Sport Science; synthesise and apply the knowledge of research methodologies and techniques applicable to one of the above specialist areas in planning, composing and executing a research project; identify and solve a complex research problem or question in one of the abovementioned specialist areas by using skills for developing and processing information and the collecting, capturing, processing, analysing and interpreting of research data; present a dissertation effectively and professionally and in compliance with the standards of scientific professional writing under supervision using advanced IT and communicating the results to a national specialist examination panel, using academic-professional reasoning; and act in an ethically correct manner and within the required parameters during the execution of the mini-research project and composition and completion of the mini-thesis. 		
<p>Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.</p>		
<p>Assessment methods: Evaluation of dissertation by internal and external examiners.</p>		
<p>Module code: MWK874</p>	<p>Semester 2</p>	<p>NQF-Level: 9</p>
<p>Title: Alternative care</p>		
<p>Module outcomes: After the completion of the module the student must be able to:</p> <ul style="list-style-type: none"> execute alternative care within the framework of South African child care legislation and policy; plan and implement intervention strategies for the different forms of alternative care; provide supervision to social workers in the field of alternative care; critically judge the ethical and professional conduct of self and others within the intervention environment of social work, and to effect change in conduct where necessary; and an accurate, coherent and appropriate presentation and communication of innovative professional ideas or findings with understanding of and respect for intellectual property conventions, copyright and rules on plagiarism. 		
<p>Mode of delivery: Fulltime / Part-time – Contact.</p>		
<p>Assessment methods: Student will prove that he/she has attained the outcomes of MWK871 module when he/she can: Develop a presentation on how to execute the different forms of alternative care within the framework of South African child care legislation and policy. Write reports on the planning and implementation of intervention strategies for the different forms of alternative care. Write reports on the implementation of supervision to social workers in the field of alternative care.</p>		
<p>Module code: MWK875</p>	<p>Semester 2</p>	<p>NQF-Level: 9</p>
<p>Title: Adoption</p>		
<p>Module outcomes: After the completion of the module the student must be able to:</p> <ul style="list-style-type: none"> execute adoption services within the appropriate legislative mandate relevant to adoption; plan and implement adoption services; use a range of specialised skills in identifying, conceptualising and implementing appropriate methods of inquiry to address complex problems within the field of adoption services; and make autonomous ethical decisions within the academic and the professional environment and critically contribute to the development of ethical standards in the context of the protection of children. 		
<p>Mode of delivery: Fulltime / Part-time – Contact.</p>		

Assessment methods: Student will prove that he/she has attained the outcomes of MWKC872 module when he/she can:		
<ul style="list-style-type: none"> Develop a presentation on the execution of adoption services within the appropriate legislative mandate relevant to adoption Write reports on the planning and implementation of adoption services 		
Module code: MWKF873	Semester 2	NQF-Level: 9
Title: Mini-dissertation (Social Work – Forensic Practice)		
Module outcomes:		
After the completion of the module the student must be able to:		
<ul style="list-style-type: none"> interpret research results and write a research submission and a research report. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: Evaluation by two external and one internal examiner.		
Module code: MWKF876	Semester 1	NQF-Level: 9
Title: General Child Assessment		
Module outcomes:		
The student must be able to:		
<ul style="list-style-type: none"> understand and apply the role of child assessment during the process of investigating alleged sexual abuse and physical battering; determine whether a child's physical development and cognitive development present within normal limits for his/her age group in order to recommend purposeful and effective interventions, understand the child as a client, form a hypothesis whether the child experiences any problems in his psycho-social development and, by means of the theoretical knowledge and the use of the assessment model, form a hypothesis on the development and/or the possible presence of problems with regard to his psycho-social development; recognise emotional and behavioural problems that may occur in children, and be aware of possible causes of these problems, identify the occurrence of emotional neglect and understand its impact; understand the effect of trauma on the child's development and identify dissociation, and understand and interpret its impact on the intervention process. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: MWKF877	Semester 1	NQF-Level: 9
Title: Sexual Abuse and Physical Battering		
Module outcomes:		
After the completion of this module the student should be able to:		
<ul style="list-style-type: none"> identify possible aspects in the family dynamics that may contribute to possible sexual abuse of the child; observe and explain the bonding between parent and child, and also between the transgressor and the child; recognise the dynamics of the sexual transgressor and conduct an interview with the alleged transgressor as part of the investigation process; explain and understand medical findings in the context of each case that is investigated; understand the process of disclosing facts by the child and also to explain it to the court; and recognise the difference between true and false statements. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: MWKF878	Semester 2	NQF-Level: 9
Title: Trauma Assessment and Investigation Process		
Module outcomes:		
After the completion of the module the student should be able to:		
<ul style="list-style-type: none"> understand the functioning of the brain and the effect of trauma on the brain and to apply techniques in order to help the child to recall information regarding the trauma; identify dissociation in the child and explain its impact on the child's statement; apply techniques in order to help the child recall information regarding the trauma; apply unstructured play as part of the assessment and executing a full trauma assessment successfully; execute an interactional analysis within the dynamics of sexual abuse successfully; and conduct a full forensic interview. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		

Module code: MWKF879	Semester 2	NQF-Level: 9
Title: Report Writing and Social Worker as Expert in Court		
Module outcomes: After the completion of this module the student should be able to:		
<ul style="list-style-type: none"> • compile a court report and act as an expert witness in court in cases of sexual abuse; • enter the court well prepared and testify with conviction; • know the various options with regard to courts and ascertain which option would be best within each unique case, and be conversant with the applicable legislation and its application; and • explain to the court, with the aid of literature, the function of the assessment techniques; and to prepare the child for court. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: MWKF880	Semester 1 and 2	NQF-Level: 9
Title: Research Theory: Social Work		
Module outcomes: After the completion of this module the student should be able to:		
<ul style="list-style-type: none"> • describe the nature, purpose and necessity of social work research; • explain the ethical aspects of social work research and to differentiate between the different roles of the social work researcher; • manage the research process in social work; • discuss the nature and purpose of the preliminary investigation; • apply the principles of sampling and the types of samples in practice; • differentiate between the various research designs and procedures and to apply them in practice; and • demonstrate an understanding of the nature and value of and measurement in social work research and apply the procedures of measurement. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: One examination per module.		
Module code: MWKK873	Semester 1 and 2	NQF-Level: 9
Title: Mini-dissertation (Child Protection)		
Module outcomes: After the completion of this module the student should be able to:		
<ul style="list-style-type: none"> • interpret research results and write a research proposal and a research report. 		
Mode of delivery: Fulltime / Part-time – Contact / Distance.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: MWKK874	Semester 1	NQF-Level: 9
Title: Child Protection as Field of Service		
Module outcomes: After the completion of the module the student should be able to:		
<ul style="list-style-type: none"> • describe the nature and character of the field of child protection in South Africa; • identify the role players in the field of child protection in South Africa; • demonstrate familiarity with the policy documents and legislation that give shape to the field of child protection in South Africa; and • apply the norm of the best interests of the child, taking the rights of the child into consideration, in each unique situation. 		
Mode of delivery: Part-time – Contact		
Assessment methods: Evaluation by internal and external examiners.		
Module code: MWKK875	Semester 1	NQF-Level: 9
Title: Children as a Vulnerable Group		
Module outcomes: After the completion of the module the student should be able to:		
<ul style="list-style-type: none"> • discuss the development of the child within the perspective of the ecosystem; • identify and investigate the problem of child abuse and neglect; • explain, compare and apply different child assessment models and frameworks; and • identify the different vulnerable child groups and develop service and intervention plans. 		
Mode of delivery: Part-time – Contact.		
Assessment methods: Evaluation by internal and external examiners.		

Module code: MSWR871	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Social Work)		
Module outcomes: After completion of the module the student should be able to:		
<ul style="list-style-type: none"> • identify a research problem in social work which is in accordance with the research niche areas for the Social Work subject group; • formulate and apply a research design and procedures; • reproduce the research results in the form of a dissertation of high quality; and • collaborate effectively with fellow-researchers and research teams, respondents, organisations and communities in the research process. 		
Mode of delivery: Part-time – Contact.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code MWKP873	Semester 1 and 2	NQF-Level: 9
Title: Mini –dissertation (Play Therapy/Play-based interventions)		
Module outcomes: On completion of this module, the student should be able to demonstrate:		
<ul style="list-style-type: none"> • the ability to conduct research under supervision in the field of play therapy within a social work context, using a range of skills to identify, analyse and address complex real-world problems ethically; • the ability to communicate research results in an oral presentation and in writing in a mini-dissertation according to the A-rules of the University 		
Mode of delivery: Contact - fulltime / part-time		
Assessment methods: Evaluation by internal and external examiners according to NWU policy.		
Module code MWKP880	Semester 1	NQF-Level: 9
Title: Research Theory and community engagement		
Module outcomes: On completion of this module, the student should be able to:		
<ul style="list-style-type: none"> • Describe the nature, purpose and necessity of social work research; • understand and integrate the basic principles, ethics, philosophies and theories of community engagement, social work research, community based research and service learning; • implement reflective practices in learning, based on an advanced insight into the value of structured reflection as a developmental learning practice; • understand the role of study supervision; • understand and be able to apply research ethics and ethics related to scope of practice; • demonstrate understanding of <i>Mode 1</i> and <i>Mode 2 research</i>, and a thorough understanding of the principles underlying systematic, community-based research into and through SL and CE, including the development of partnerships with communities and tapping into indigenous knowledge systems; • develop a research topic based on community engagement, formulate a research problem, research question, goals and objectives; choose appropriate design and research methodology, engage in data collection, data analysis, and understand the fundamentals of scientific report writing; • understand and be able to apply relevant aspects regarding trustworthiness including triangulation/ crystallisation 		
Mode of delivery: Contact - fulltime / part-time		
Assessment methods: Written assignments, class activities, group- and individual work and formal examination. Assessment for a participation mark is done according to the prescriptions in the study guide.		
Module code MWKP811	Semester 1	NQF-Level: 9
Title: Basic principles, theories and philosophy of play therapy		
Module outcomes: On completion of this module, the student should be able to demonstrate:		
<ul style="list-style-type: none"> • Knowledge and understanding of the purpose of play; • knowledge and engagement which reflects an understanding of the origins of Play therapy; • knowledge and critical understanding of the different theories, approaches and philosophies in Play therapy; • Critical understanding of the social work approaches when working with children and families; • Knowledge and application of ethics in play therapy and social work 		
Mode of delivery: Contact - fulltime / part-time		
Assessment methods: Written assignments, class activities, group- and individual work and formal examination. Assessment for a participation mark is done according to prescriptions in the study guide.		

Module code MWKP812	Semester 2	NQF-Level: 9
Title: The child as client		
Module outcomes:		
On completion of this module, the student should be able to demonstrate:		
<ul style="list-style-type: none"> • a comprehensive understanding of social issues such as social inequality, gender, poverty and diversity in South Africa, that affect the lives of children in the global and South African society; • Knowledge and critical understanding of the holistic development context of children in relation to social, economic and political systems, issues and assets/strengths; • Examines the interplay between home, family, schooling, public spaces, work, power relationships between adults and children and other influences in the daily lives of children; • Apply the principles of social inquiry and its applications in relation to selected social issues in the life world of children; • Critique a one-sided view on the vulnerabilities and protection of children, utilising a perspective on the evolving capacities, strengths, resilience and participation of children in the global and South African society; • Critically evaluate the relevance of play therapy as an intervention in accordance with the developmental welfare paradigm, broader social context and everyday social work practice 		
Mode of delivery: Contact - fulltime / part-time		
Assessment methods: Written assignments, class activities, group- and individual work and a formal examination. Assessment for a participation mark is done according to the prescriptions in the study guide.		
Module code MWKP813	Semester 2	NQF-Level: 9
Title: Play Therapy intervention with children		
Module outcomes:		
At the end of this module the student should be able to demonstrate:		
<ul style="list-style-type: none"> • The nature, scope and origin of knowledge pertaining to the therapeutic relationship, the therapeutic process in play therapy, medium and techniques used in play therapy and counselling skills with children; • implied knowledge pertaining to the therapeutic assessment of children in different contexts; • understand and demonstrate group work in the context of play therapy with children; • implement reflective practices in learning; • demonstrate the ability to contribute to systematic and critical analytic thinking about matters relating to the therapeutic process, mediums and techniques in play therapy and applying it by developing a therapeutic model for children in different contexts; • the ability to produce and communicate information using visual or language skills in modes of oral and/ or written presentation pertaining to the specific module during class discussions and class presentations ; • the ability to work responsibly within a group and a team during class discussions and community engagement assignments; • actions in accordance with the ethical and professional standards of the South African Council for Social Service Professions' (SACSSP) policy guidelines for course of conduct, code of ethics and the rule for social workers 		
Mode of delivery: Contact - fulltime / part-time		
Assessment methods: Written assignments, class activities, group- and individual work as well as a formal examination. Assessment for a participation mark is done to the prescriptions in the study guide.		
Module code MWKP821	Semester 2	NQF-Level: 9
Title: Community based play therapy intervention		
Module outcomes:		
At the end of this module the student should be able to demonstrate:		
<ul style="list-style-type: none"> • The integration and critical application of the knowledge and skills of play therapy within a service learning project; • personal growth in the context of the profession; • social responsibility. 		
Mode of delivery: Contact - fulltime / part-time		
Assessment methods: Class activities, group- and individual work and a formal examination. Assessment for a participation mark is done according to the prescriptions in the study guide.		
Module code: NUTE871	Semester 1 and 2	NQF-Level: 9
Title: Nutritional Epidemiology		
Module outcomes:		
After completion of the module, the student will demonstrate:		

<ul style="list-style-type: none"> Specialist knowledge to enable engagement with, review and critique of current nutritional epidemiology research and practice; A command of and ability to synthesise epidemiological research strategies by evaluating appropriate epidemiological research methods to address challenging and complex nutrition-related issues in the South African context; A command of and ability to critically evaluate nutritional epidemiology data using appropriate statistical methodology to assess nutrition-related disease risk; Effectively integrate academic research into a personal value system to be able to enter into scientific discourse, both in written and oral format, about topical and current nutrition-related epidemiological research; An ability to make autonomous ethical decisions, operate independently and take full responsibility for her/his own work. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: Written assignments, class activities, group- and/or individual work and a formal examination. Assessment for a participation mark is done according to the prescriptions in the study guide.		
Module Code: PSYC871	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Psychology)		
Module-outcomes: After completion of the module successful students should be able to:		
<ul style="list-style-type: none"> demonstrate advanced knowledge and skills in the identification of a research question, which may be researched individually or inter-disciplinary; develop and apply applicable quantitative and/or qualitative formats and procedures, and apply them on a scientifically, ethical manner; interpret and report research results scientifically; complete the research process by ensuring effective co-operation with other. 		
Mode of delivery: Fulltime / Part-time – Contact / Distance.		
Assessment methods: Evaluation by two external and one internal examiner.		
Module code: PSYC872	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Research Psychology)		
Module outcomes: After completion of this module the student should be able to:		
<ul style="list-style-type: none"> plan and do research of a limited scope by using appropriate research methods that are aligned with the ontological and epistemological assumptions applicable to the research phenomenon; and write a logically argued and integrated scientific report in which applicable psychological explanations are integrated with the research findings. 		
Mode of delivery: Fulltime / Part-time – Contact / Distance.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: PSYK872	Semester 1 and 2	NQF-Level: 9
Title: Research theory and Dissertation in Clinical Psychology		
Module outcomes: After completing this module, students should be able to		
<ul style="list-style-type: none"> Reflect on the paradigmatic basis of researchable problems; Understand the relationship between data and specific analysis techniques; Identify a researchable topic; Identify appropriate hypotheses and develop a research proposal in line with substantive theoretical or empirical foundations and ethical considerations; Conduct basic research, using applicable qualitative, quantitative or a combination of both research methods ; Submit a research report in either dissertation/book or article format. 		
Mode of delivery: Fulltime – Contact		
Assessment methods: Evaluation by two external and one internal examiner.		
Module code: PSYC874	Semester 1 and 2	NQF-Level: 9
Title: Critical Research Skills		
Module outcomes: After completion of this module the student should be able to:		
<ul style="list-style-type: none"> formulate an understanding of the ontological assumptions about the nature of science and a people view; plan and perform ethical research; differentiate between quantitative and qualitative approaches which are appropriate for answering 		

specific research questions.		
Mode of delivery: Workshops throughout the year.		
Assessment methods: Written assignments throughout the year and an examination paper set by an internal examiner and moderated by an external examiner.		
Module code: PSYC875	Semester 1 and 2	NQF-Level: 9
Title: Quantitative Research Methods		
Module outcomes: After the completion of this module the student should be able to:		
<ul style="list-style-type: none"> • apply different research methods that are associated with quantitative research; and • apply quantitative research processes such as sampling, validity and reliability, questionnaire design, experimental designs (SPSS); data analysis techniques (multiple regression and structural comparison models). 		
Mode of delivery: Workshops throughout the year.		
Assessment methods: Written assignments throughout the year and an examination paper set by an internal examiner and moderated by an external examiner.		
Module code: PSYC876	Semester 1 and 2	NQF-Level: 9
Title: Qualitative Research Methods		
Module outcomes: After the completion of this module the student should be able to:		
<ul style="list-style-type: none"> • apply different research designs associated with qualitative research; and • apply qualitative research processes such as purposeful sampling, data collection and data analysis methods such as thematic content analysis as well as trustworthiness. 		
Mode of delivery: Workshops throughout the year.		
Assessment methods: Written assignments throughout the year and an examination paper set by an internal examiner and moderated by an external examiner.		
Module code: PSYC877	Semester 1 and 2	NQF-Level: 9
Title: Project Management		
Module outcomes: After the completion of this module the student should be able to:		
<ul style="list-style-type: none"> • master all facets concerning research project management, so that independent research functioning may be possible. 		
Mode of delivery: Workshops throughout the year.		
Assessment methods: Written assignments throughout the year and an examination paper set by an internal examiner and moderated by an external examiner.		
Module code: PSYC879	Semester 1 and 2	NQF-Level: 9
Title: Child- and adolescent pathology and therapy		
Module outcomes: After completing this module, students should be able to:		
<ul style="list-style-type: none"> • Demonstrate in-depth theoretical and practical competence in the field of child and adolescent development, psychology, psychopathology and psycho-diagnostics; • Demonstrate in-depth theoretical and practical competence in conducting clinical, emotional or neuropsychological evaluations with children and adolescents • Demonstrate theoretical and practical competence in making and formulating both primary and differential diagnoses in terms of the various forms of child and adolescent psychopathology and neuropathology, according to the DSM-V and ICD-10 classification systems; • Identify normal and abnormal child and adolescent development, and discuss different causes of psychological and neuropsychological disorders in children and adolescents from various meta-theoretical models • Orally or in writing accurately report and communicate professional impressions, diagnoses and conclusions to either multi-disciplinary teams and lay and professional persons, and make appropriate recommendations for interventions, rehabilitation or referrals; • Plan and implement appropriate psychological interventions and psychoeducational / parental guidance programmes. 		
Mode of delivery: Fulltime – Contact		
Assessment methods: Written assignments, class activities, group and individual work and formal examination.		

Module code: PSYC880	Semester 1 and 2	NQF-Level: 9
Title: Theory of Psychological Interventions		
Module outcomes: After completing this module, students should be able to:		
<ul style="list-style-type: none"> • Demonstrate in-depth theoretical insight and knowledge in a wide variety of psychological and therapeutic theories, short and long-term approaches and techniques applicable to individuals, groups, families and marital couples with life challenges, particularly those with relatively serious forms of psychological distress and/or psychopathology/psychiatric disorders in diverse settings and contexts. 		
Mode of delivery: Fulltime – Contact		
Assessment methods: Written assignments, class activities, group and individual work, as well as formal examination.		
Module code: PSYC883	Semester 1 and 2	NQF-Level: 9
Title: Ethics, Psychodiagnostics and Practical work		
Module outcomes: After completing this module, students should be able to:		
<ul style="list-style-type: none"> • Demonstrate theoretical and practical competence in the field of ethical psychological practice in a private practice or clinical setting, professional conduct and legislative issues; • Demonstrate their ability to do basic and advanced in-depth psychological assessments, and to formulate report and communicate those findings and recommendations to various sources of referral or a multi-disciplinary teams and/ or other people; • Arrange appropriate referrals and demonstrate competence in case management; • Demonstrate theoretical and practical knowledge and skills regarding forensic psychology and document all processes followed; • Identify business opportunities and act as entrepreneur. • The teaching of behaviours, which reflect values, attitudes and character traits required of a healthcare professional. • A focus on the relationship between the three disciplines (professional ethics, human rights and medical law) and how they impact on the provision of healthcare services to the patients and the community at large. • Knowledge, attitudes and skills relating to the three disciplines. • A multi-disciplinary approach with the training and assessment in a longitudinal fashion over the study years. 		
Mode of delivery: Fulltime – Contact		
Assessment methods:		
<ol style="list-style-type: none"> a) Demonstrate during supervision, case and field work advanced knowledge and insight into the ethical and legislative issues involved when working with children, adolescent adults and geriatric patients in diverse contexts and settings; b) Plan and perform advanced in-depth psychological assessments, and formulate reports and communicate those findings and recommendations to various sources of referral or a multi-disciplinary teams and/ or other people either orally and/or in writing; c) Arrange appropriate referrals and demonstrate competence in case management during practical work; d) Demonstrate theoretical and practical knowledge and skills regarding forensic psychology and document all processes followed during practical work; e) Identify business opportunities and act as entrepreneur. 		
Module code: PSYC884	Semester 1 and 2	NQF-Level: 9
Title: Applied Psychology and Community Interventions		
Module outcomes: After completing this module, students should be able to:		
<ul style="list-style-type: none"> • Understand and apply the principles of Community Psychology in different settings. They should also be able to evaluate diverse settings, apply psychological interventions and implement programmes in different communities • Apply psychological interventions to people with psychiatric conditions and serious life challenges and design, manage and evaluate programmes dealing with psychiatric problems in diverse community setting; • Promote primary and secondary psychological well-being in an integrated, effective and ethical responsible manner; • Demonstrate their ability to do basic and advanced supportive, preventative and promotive psychological interventions, as well as the ability to plan and execute in-depth, specialized long-term 		

<p>interventions with patients with serious life challenges and psychopathology;</p> <ul style="list-style-type: none"> Advise on the development of policy applicable to a variety of sectors, based on various aspects of psychological theory and research; Reflect on the personal impact of the learning material, practical experiences and the skills acquired as a person and as a future therapist. 		
Mode of delivery: Fulltime – Contact		
Assessment methods:		
Proof of outcomes reached will be provided when the student can:		
<ul style="list-style-type: none"> a) Apply culturally sensitive psychological interventions to people with psychiatric conditions and serious life challenges, and design, manage and evaluate programmes dealing with psychiatric problems in diverse settings during their practical work, write it up in a case study or present it as a power point presentation; b) Demonstrate during oral or practical exams and case study presentations how they have promoted primary and secondary psychological well-being in an integrated, effective and ethical responsible manner ; c) Demonstrate their ability to do basic supportive, preventative and promotive psychological interventions in an integrated, effective and ethical responsible manner, as well as the ability to plan and execute in-depth, specialized long-term interventions with patients with serious life challenges and psychopathology by means of their portfolios, case study presentations, in supervision and practical exams; d) Orally or in writing or in practice advise on the development of policy applicable to a variety of sectors, based on various aspects of psychological theory and research; e) Orally or in writing reflect on the personal impact of the learning material, practical experiences and the skills acquired as a person and as a future therapist. 		
Module code: PSYC885	Semester 1 and 2	NQF-Level: 9
Title: Psychopharmacology, Neuropsychology and advanced Psychopathology in Clinical Psychology		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> Demonstrate theoretical and practical competence in the field of psychopharmacology, adult psychopathology and neuropsychology to conduct in-depth, culturally sensitive psycho diagnostic procedures and neuro-psychological evaluations with adults; Demonstrate theoretical and practical competence in making and formulating both primary and differential diagnoses in terms of the various forms of adult psychopathology and neuropathology; according to the DSM-V and ICD-10 classification systems; Demonstrate theoretical and practical competence in determining different causes of psychological and neuropsychological disorders in adults; Demonstrate theoretical, practical and ethical competence in communicating professional impressions and conclusions to multi-disciplinary teams. Demonstrate knowledge and insight in psychopharmacology, including: classification and functioning of the nervous system, brain anatomy and physiology, neurotransmission; and the use of psychotropic medication for various clinical conditions and the management thereof. 		
Mode of delivery: Fulltime – Contact		
Assessment methods: Written assignments, class activities, group and individual work, as well as formal examination.		
Module code: PSYK872	Semester 1 and 2	NQF-Level: 9
Title: Research theory and Dissertation in Clinical Psychology		
Module outcomes:		
After completing this module, students should be able to		
<ul style="list-style-type: none"> Reflect on the paradigmatic basis of researchable problems; Understand the relationship between data and specific analysis techniques; Identify a researchable topic; Identify appropriate hypotheses and develop a research proposal in line with substantive theoretical or empirical foundations and ethical considerations; Conduct basic research, using applicable qualitative, quantitative or a combination of both research methods ; Submit a research report in either dissertation/book or article format. 		
Mode of delivery: Fulltime – Contact		
Assessment methods: Evaluation by two external and one internal examiner.		

Module code: PSYV872	Semester 1 and 2	NQF-Level: 9
Title: Research theory and Dissertation		
Module outcomes:		
After completing this module, learners should be able to		
<ul style="list-style-type: none"> • Reflect on the paradigmatic basis of researchable problems; • Understand the relationship between data and specific analysis techniques; • Identify a researchable topic; • Identify appropriate hypotheses and develop a research proposal in line with substantive theoretical or empirical foundations and ethical considerations; • Conduct basic research, using applicable qualitative, quantitative or a combination of both research methods ; • Submit a research report in either dissertation/book or article format. 		
Mode of delivery: Fulltime – Contact		
Assessment methods: Evaluation by two external and one internal examiner.		
Module code: PSYV879	Semester 1 and 2	NQF-Level: 9
Title: Child- and adolescent development, pathology and therapy		
Module outcomes:		
After completing this module, learners should be able to:		
<ul style="list-style-type: none"> • Demonstrate in-depth theoretical and practical competence in the field of child and adolescent development, psychology, psychopathology and psycho diagnostics; • Demonstrate theoretical and practical competence in conducting clinical, emotional or neuropsychological evaluations with children and adolescents; • Demonstrate in-depth theoretical and practical competence in identifying individual strengths and protective factors, and in making and formulating both primary and differential diagnoses in terms of the various forms of child and adolescent psychopathology and neuropathology; according to the DSM-V and ICD-10 classification systems; • Identify normal and abnormal child and adolescent development and individual strengths, and critically discuss different causes of psychological and neuropsychological disorders and psychological well-being in children and adolescents from various meta-theoretical models; • Orally or in writing accurately report and communicate professional impressions, diagnoses and conclusions to either multi-disciplinary teams and lay and professional persons, and make appropriate recommendations for interventions, rehabilitation or referrals; • Plan and implement advanced and appropriate basic and in-depth developmental, counselling and psychological interventions and parental guidance/psycho-education programmes in dealing with normal problems of life concerning all stages and aspects of a child's and adolescents' existence in order to prevent psychopathology, promote optimal bio-psycho-social well-being and facilitate desirable adjustment, growth and maturity. 		
Mode of delivery: Fulltime – Contact		
Assessment methods: Written assignments, class activities, group and individual work, as well as formal examination.		
Module code: PSYV880	Semester 1 and 2	NQF-Level: 9
Title: Theory of Psychological Interventions in Counselling Psychology		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> • demonstrate in-depth and advanced theoretical insight and knowledge of a wide variety of psychological and therapeutic theories, short and long-term approaches and techniques applicable to individuals, groups, families and marital couples with life challenges and psychological distress in diverse settings and contexts. 		
Mode of delivery: Fulltime – Contact		
Assessment methods: Written assignments, class activities, group and individual work, as well as formal examination.		
Module code: PSYV885	Semester 1 and 2	NQF-Level: 9
Title: Psychopharmacology, Neuropsychology and advanced Psychopathology in Counselling Psychology		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> • Advanced theoretical and practical competence in the field of psychopharmacology, adult psychopathology and neuropsychology to conduct in-depth, culturally sensitive psycho diagnostic procedures and neuro-psychological evaluations with adults; • Advanced and integrated theoretical and practical competence in making and formulating both 		

<p>primary and differential diagnoses in terms of the various forms of adult psychopathology and neuropathology; according to the DSM-V and ICD-10 classification systems;</p> <ul style="list-style-type: none"> critical theoretical knowledge and understanding and practical competence in determining different causes of psychological and neuropsychological disorders in adults; practical and ethical competence in communicating professional impressions and conclusions to multi-disciplinary teams. edge and insight in psychopharmacology, including: classification and functioning of the nervous system, brain anatomy and physiology, neurotransmission; and the use of psychotropic medication for various clinical conditions and the management thereof; advanced knowledge to diagnose a client and to refer to a clinical psychologist if outside the scope of practice of the Counselling Psychologist. 		
Mode of delivery: Fulltime – Contact		
Assessment methods: Written assignments, class activities, group and individual work, as well as formal examination.		
Module code: PSYP874	Semester 1 and 2	NQF-Level: 9
Title: Introduction to Positive Psychology		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> Develop a specialised knowledge of concepts, theories and research in the fields of positive psychology, well-being, positive organizational scholarship, psycho-social health, positive lifespan development and aging and enabling communities; Be able to critically evaluate current research and literature within the positive psychology discipline; Reflect critically on own learning and experience; demonstrate the ability to develop own learning strategies which can sustain independent learning and academic development, and can interact effectively in a professional or academic context to enhance learning; Demonstrate the ability to take full responsibility for own work, decisions and use of resources, and where appropriate to lead and initiate new processes or systems, ensuring good resource management and governance practices. 		
Mode of delivery: Part-time / Fulltime – Contact		
Assessment methods: Individual assignments and individual and group activities		
Module code: PSYP875	Semester 1 and 2	NQF-Level: 9
Title: Research methods in Positive Psychology		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> Demonstrate embedded theoretical knowledge, understanding and experience needed to carry out research into positive psychology areas. Apply appropriate research design, research methods and data analysis techniques. Design and implement strategies to access, process and manage information, and to defend substantial ideas in the field of PP; to communicate ideas from PP to a wide range of audiences with different levels of knowledge or expertise 		
Mode of delivery: Part-time / Full-time - contact		
Assessment methods: Individual assignments and individual and group activities.		
Module code: PSYP876	Semester 1 and 2	NQF-Level: 9
Title: Assessment and Basics of Interventions		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> Demonstrate the ability to creatively select, design and apply appropriate evaluation /assessment and interventions methods and techniques, appropriate to a specific context. Use creativity and originality in the interpretation, application and development of knowledge and practice, regarding assessment and interventions; Be able to critically and reflectively apply specialist knowledge and theory to address complex practical and theoretical problems - implementing a wide range of specialized skills in identifying, conceptualizing, designing and implementing methods of enquiry to address challenging problems in the field of positive psychology as a discipline and practice, with an understanding of the consequences of solutions generated in a specific context; Show an awareness of and understanding of ethical constraints associated with application of positive psychology interventions; Demonstrate the ability to make autonomous ethical decisions which affect knowledge production and 		

research, as well as individual, group, community or organizational issues.		
Mode of delivery: Part-time / Fulltime – Contact		
Assessment methods: Individual assignments and individual and group activities.		
Module code: PSYP877	Semester 1 and 2	NQF-Level: 9
Title: Applications in Positive Psychology		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> • Demonstrate advanced competence in using various positive psychology measuring instruments ; • apply a wide range of positive interventions across personal and professional domains ; • make interventions at the appropriate level within a system, based on the understanding of the hierarchical relations within the system, and the ability to address the intended and unintended consequences of interventions ; • contribute to the development of ethical standards in specific contexts; identify, and manage emerging ethical issues; advance processes of ethical decision-making, and monitor consequences where applicable 		
Mode of delivery: Part-time / Full-time – Contact		
Assessment methods: Individual assignments and individual and group activities.		
Module code: PSYP878	Semester 1 and 2	NQF-Level: 9
Title: Advanced Positive Psychology		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> • Develop awareness of meta-theoretical and philosophical perspectives in PP, the pertinent social, economic, political, historical issues and the wider context of positive psychology and positive social sciences • Develop critical awareness of current issues, debates, new insights and cutting edge issues within positive psychology • Demonstrate the ability to contribute to scholarly debates around theories of knowledge and methods of knowledge production in PP • Develop the capacity for analysis and synthesis: evaluation of concepts at a meta-level, capability to identify assumptions, evaluation of statements with regard to evidence, detecting false logic or reasoning, identification of implicit values, appropriate generalization, meaningful integration of facts and inferences 		
Mode of delivery: Part-time / Full-time - contact		
Assessment methods: Individual assignments and individual and group activities.		
Module code: PSYP872	Semester 1 and 2	NQF-Level: 9
Title: Research Dissertation in Positive Psychology		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> • Demonstrate embedded theoretical knowledge, understanding and experience needed to carry out research into positive psychology areas (level descriptor 9a). • Apply appropriate research design; research methods and data analysis techniques (level descriptor 9a). • Design and implement strategies to access, process and manage information, and to defend substantial ideas in the field of PP (level descriptor 9f); • Able to communicate ideas from PP to a wide range of audiences with different levels of knowledge or expertise (level descriptor 9g) 		
Mode of delivery: Part-time / Full-time - contact		
Assessment methods: Mini-dissertation will be examined by internal and external examiners according to the NWU policy.		
Module code: RKKV871	Semester 1 and 2	NQF-Level: 9
Title: Recreation Science (Dissertation)		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate a comprehensive and systematic knowledge base of research methodologies and techniques in Human Movement Science with specialist knowledge in Recreation Science; • synthesise and apply the knowledge of research methodologies and techniques applicable to one of the above specialist areas in planning, composing and executing a research project; • identify and solve a complex research problem or question in one of the abovementioned specialist areas by using skills for developing and processing information and the collecting, capturing, 		

<p>processing, analysing and interpreting of research data;</p> <ul style="list-style-type: none"> • present a dissertation effectively and professionally and in compliance with the standards of scientific professional writing under supervision using advanced IT and communicating the results to a national specialist examination panel, using academic-professional reasoning; and • act in an ethically correct manner and within the required parameters during the execution of the mini-research project and composition and completion of the mini-thesis. 		
<p>Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.</p>		
<p>Assessment methods: Evaluation of dissertation by internal and external examiners.</p>		
Module code: TDHP811	Semester 1	NQF-Level: 9
<p>Title: Research Methodology</p>		
<p>Module outcomes: After completion of this module the student should be able to have:</p> <ul style="list-style-type: none"> • the ability to analyse a range of research methodologies, methods and approaches with regard to their appropriateness for investigating particular research problems to promote health; • the ability to interrogate multiple sources of knowledge to evaluate the knowledge and processes of knowledge production critically in a variety of contexts that are particular to the field of health promotion; • the competence to apply the dialectical relationship between the theory and praxis of health sciences; • the ability to contribute to systematic and disciplined critical, analytical thinking about and problem solving of matters that are related to the field of health promotion; and • the knowledge and engagement in the transdisciplinary health approach to the promotion of health. 		
<p>Mode of delivery: Fulltime / Part-time This degree is presented via contact learning with a blended learning environment approach, including two theoretical modules as well as a research dissertation via contact and on-line delivery. The compulsory theoretical core modules are completed in the first six months of study.</p>		
<p>Assessment methods: The following forms of continuous formative and summative assessment are used to ensure integrated assessment of all exit level outcomes:</p> <ul style="list-style-type: none"> • Reports and written assignments • Transdisciplinary group debates. • Written examination. • Above will be used as methods of outcome evaluation and written Examination. 		
Module code: TDHP812	Semester 1	NQF-Level: 9
<p>Title: Transdisciplinary Health Promotion</p>		
<p>Module outcomes: After completion of this module the student should be able to have:</p> <ul style="list-style-type: none"> • the ability to engage in dialogue with a transdisciplinary team that is at once between disciplines, across different disciplines, and beyond all disciplines to promote health in an integrated manner; • the ability to identify and address ethical issues in health and health promotion, based on critical reflection on the suitability of different ethical value systems to the context of health; and knowledge the engagement in the field of health promotion that reflect an understanding of the theories and research methodologies in this field, as well as an understanding of the application of such knowledge in a particular health context. 		
<p>Mode of delivery: Fulltime / Part-time This degree is presented via contact learning with a blended learning environment approach, including two theoretical modules as well as a research dissertation via contact and on-line delivery. The compulsory theoretical core modules are completed in the first six months of study.</p>		
<p>Assessment methods: The following forms of continuous formative and summative assessment are used to ensure integrated assessment of all exit level outcomes:</p> <ul style="list-style-type: none"> • Reports and written assignments • Transdisciplinary group debates. • Written examination. • Above will be used as methods of outcome evaluation and written Examination. 		

Module code: TDHP813	Semester 1	NQF-Level: 9
Title: Dissertation : Transdisciplinary Health Promotion		
Module outcomes:		
After completion of this module the student should be able to have:		
<ul style="list-style-type: none"> the ability to conduct research under supervision in the field of health promotion within a transdisciplinary context, using a range of skills to identify, analyse and address complex real-world problems ethically; and the ability to communicate research results in an oral presentation and in writing in a dissertation according to the A-rules of the University. 		
Mode of delivery: Fulltime / Part-time		
This degree is presented via contact learning with a blended learning environment approach, including two theoretical modules as well as a research dissertation via contact and on-line delivery.		
The module is completed in the same year for fulltime and in two years for part-time students.		
Assessment methods: : Internal and external evaluation according to NWU policy		
Module code: VERB871	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Consumer Sciences)		
Module outcomes:		
After completing this module, students should be able to:		
<ul style="list-style-type: none"> extended and systematic knowledge of the field of consumer sciences with specialist knowledge of research methodology and consumer behaviour, as well as the professional practice of research methodology; coherent and critical insight into the theory, research methodology and techniques of consumer behaviour research; the ability to offer principled criticism, evaluate research, and participate in scientific debate; the ability to link theory to practice and vice versa, and to think epistemologically; mastering of the research methods, techniques and technologies applicable to consumer sciences; the ability to identify, analyse and address complex consumer problems in real life by the creative and systematic utilising of theory, research methods and literature; advanced skills in the processing of information by the application of critical analysis, synthesis and independent evaluation in a review paper, and the ability to undertake and complete, with supervision, a literature survey; and the ability to present and communicate either literature-based or empirical research results to specialist or lay audiences, by using professional academic discourse 		
Mode of delivery: Fulltime / Part-time – Contact		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: VOED871	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Dietetics)		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> have specialist knowledge concerning critical health problems in the field of nutrition; during a discussion, criticize and evaluate theories, research methodologies and –techniques related to recent nutrition research, and illustrate the ability to reconcile practise with theory, and visa versa; master the implementation of research methods, -techniques and technician principles applicable to nutrition, and demonstrate the ability to undertake a research project under supervision, and conclude results in writing; show competency concerning the exploitation and processing of information by means of the following principles: identification, critical analysis, synthesis and independent evaluation of quantitative and/or qualitative data; under supervision undertake a study of literature and recent research in a specialist nutritional area; interpret research findings in a scientifically accountable manner and write a dissertation on the basis thereof whilst contributing to the knowledge of and insight in the subject field. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: External and internal examining according to the NWU policy.		
Module code: VOED873	Semester 1 and 2	NQF-Level: 9
Title: Mini-dissertation (Dietetics)		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> have specialist knowledge of the field of dietetics/nutrition as theory and subject-field, understand and apply research methodology and techniques to critically evaluate current research and on theoretical grounds participate in professional academic discussions; 		

<ul style="list-style-type: none"> undertake literature driven and analytical research in an ethical and professional manner and under the supervision of an academic leader; communicate research results and outcomes to specialist- or lay audiences by utilising professional academic discourse and write a dissertation on the basis of these findings which comply with the standards of professional academic writing. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: Internal and external examination according to the NWU policy.		
Module code: VOED874	Semester 1 and 2	NQF-Level: 9
Title: Public Health Nutrition		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> demonstrate extensive and systematic knowledge on the complex relation between nutrition and health with regard to malnutrition (over- and under feeding). Included is nutrition transition in developmental countries, as well as the exceptional vulnerability in the lifestyle of developmental populations concerning chronic illnesses, the double burden of illnesses, and global as well as South African figures of appearing illnesses. The student should also understand the factors contributing to food security and the influence of food security on nutrition status; identify the most relevant public health problems in South Africa, analyse, evaluate and apply the public health-nutrition cycle to develop ethical accountable programmes offering innovative solutions for identified problems; show a complete understanding concerning the complexity of and need for a comprising food- and nutrition policy, and be able to critically evaluate and analyse factors influencing food- and nutrition policy, and develop an accountable, scientifically founded food- and nutrition policy for South Africa. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: Written and practical assignments, PowerPoint presentations, written exams		
Module code: VOED875	Semester 1 and 2	NQF-Level: 9
Title: Advanced Nutrition Science		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> reflect an advanced understanding of the evidence based process used to make health claims or health recommendations, and be able to motivate the contributions of different study designs in the process; partially experience the evidence-based process through writing of a qualitative, systematic review/report on a specific subject; systematically collect and process all published literature concerning a specific subject; critically evaluate the quality of research methodology concerning published articles; interpret scientific results to define scientifically grounded conclusions and recommendations; Scientifically communicate the process and results in writing. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: Written and practical assignments, PowerPoint presentations, written exams		
Module code: VOED876	Semester 1 and 2	NQF-Level: 9
Title: Sport Nutrition		
Module outcomes:		
Upon completion of this module the student should:		
<ul style="list-style-type: none"> have extensive and systematic knowledge on the different muscle tissue and their function, energy systems contributing to energy production during the physical activity and regulatory factors involved in energy metabolism, exercise inductive oxidative stress and anti-oxidants, macronutrients and energy needs, micronutrients, nutritional ergogenic and sport supplements and the female athlete tirade, and be able to analyse the nutritional needs of athletes and implement a nutrition care plan, based on ethical principles during all seasons; Demonstrate the ability to develop an effective nutrition care programme for an athlete and athletic team according to their specific needs based on the guidelines of successful nutrition to enhance sport performance, and professionally discuss his/her theory-based solution. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: Written and practical assignments, PowerPoint presentations, written exams		
Module code: VOED880	Semester 1 and 2	NQF-Level: 9
Title: Nutrition support of the paediatric patient		
Module outcomes:		
<ul style="list-style-type: none"> The outcomes of this module are available in the relevant study guide as well as on request at the 		

subject group Nutrition in Building G16.		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: External and internal examining according to the NWU policy.		
Module code: VOED882	Semester 1 and 2	NQF-Level: 9
Title: Nutrition support of the critically ill		
Module outcomes:		
<ul style="list-style-type: none"> The outcomes of this module are available in the relevant study guide as well as on request at the subject group Nutrition 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: External and internal examining according to the NWU policy.		
Module code: VPBV872	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Health Science Management)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> manage health services in a community centred, culture sensitive manner with the purpose to facilitate the health of a person, family and/or a community. 		
Mode of delivery: Research under guidance of a study leader		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: VPGV872	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Community Nursing Science)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> conduct research that contributes to promotion, maintenance and restoration of the quality of life of a person, family and/or community by means of community centred-, culture sensitive approach. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: VPKN874	Semester 1 and 2	NQF-Level: 9
Title: Research Methodology		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> explain the meaning of scientific research and nursing research; provide reasons why nursing research is essential; discuss the logical steps of the research process; conceptualize a research project; conduct a relevant and comprehensive literature search for a research project; select an appropriate approach within a specific research paradigm; write a research proposal; and present a complete research proposal to a panel of experts and colleagues. 		
Mode of delivery: Contact education.		
Assessment methods: Continuous assessment by means of a variety of methods. Examination by at least one internal and one external examiner.		
Module code: VPKV872	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Professional Nursing Science)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> conduct research that contributes to the promotion, maintenance and restoration of a patient's quality of life within a community centred-, culture sensitive approach. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: VPOV872	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Health Science Education)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> conduct research that contributes to the quality of life of a person, family and/or community by means of health science education within a community centred-, culture sensitive approach. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		

Module code: VPVV872	Semester 1 and 2	NQF-Level: 9
Title: Dissertation (Nursing Science)		
Module outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> facilitate the quality of life of a patient through the promotion, maintenance and restoration of health within a community centred, culture sensitive approach. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		
Assessment methods: Internal and external evaluation according to NWU policy.		

G.2.3 DOCTORAL DEGREES

Module code: DIET971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Dietetics)		
Module outcomes: Upon completion of this module the student should have:		
<ul style="list-style-type: none"> practice on the highly skilled level as dietician; act as a leader in the profession and also during functioning in the profession; solve problems; guide and lead research programmes; act as study leader or co-leader for students up the PhD level; recruit research funds; and introduce research results through presentations and publications in subject related periodicals/magazines. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: External and internal examining according to the NWU policy.		

Module code: FCHG971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Pharmaceutical Chemistry)		
Module outcomes: After completion of this module the student should be able to:		
<ul style="list-style-type: none"> identify a research question / need, and to plan and execute an applicable research design in a scientific and ethical way by using suitable research methods, techniques and procedures; interpret and integrate research findings in a scientifically responsible way and to compile a research report from it; and communicate research finding, orally or in writing, in a scientific and ethical way. 		
Mode of delivery: Fulltime – Completion of a research project under the guidance of a supervisor.		
Assessment methods: External and internal examining according to the NWU policy		

Module code: FMSG971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Pharmaceutics)		
Module outcomes: After completion of this module the student should be able to:		
<ul style="list-style-type: none"> identify a research question / need, and to plan and execute an applicable research design in a scientific and ethical way by using suitable research methods, techniques and procedures; interpret and integrate research findings in a scientifically responsible way and to compile a research report from it; and communicate research finding, orally or in writing, in a scientific and ethical way. 		
Mode of delivery: Fulltime – Completion of a research project under the guidance of a supervisor.		
Assessment methods: External and internal examining according to the NWU policy.		

Module code: FKLG971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Pharmacology)		
Module outcomes: After completion of this module the student should be able to:		
<ul style="list-style-type: none"> identify a research question / need, and to plan and execute an applicable research design in a scientific and ethical way by using suitable research methods, techniques and procedures; interpret and integrate research findings in a scientifically responsible way and to compile a research report from it; and communicate research finding, orally or in writing, in a scientific and ethical way. 		
Mode of delivery: Fulltime – Completion of a research project under the guidance of a supervisor.		
Assessment methods: External and internal examining according to the NWU policy		

Module code: FLGB971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Occupational Hygiene)		
Module outcomes: After the module has been completed, the student should:		
<ul style="list-style-type: none"> be equipped with advanced knowledge and skills in order to identify a relevant research question within the field of Occupational Hygiene and Safety; plan and execute a suitable quantitative and/or qualitative research design by using suitable research methods, techniques and procedures in a scientific and ethical way; and interpret the research findings in a scientifically accountable manner and write a thesis on the basis of these findings. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: Evaluation by two external and one internal examiner.		
Module code: FLGX971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Physiology)		
Module outcomes: After the module has been completed, the student should:		
<ul style="list-style-type: none"> be equipped with advanced knowledge and skills in order to identify a relevant research question within the field of Cardiovascular Physiology; plan and execute a suitable quantitative and/or qualitative research design by using suitable research methods, techniques and procedures in a scientific and ethical way; and interpret the research findings in a scientifically accountable manner and write a thesis on the basis of these findings. 		
Mode of delivery: Fulltime – Contact.		
Assessment methods: Evaluation by two external examiners and one internal examiner.		
Module code: FPKG971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Pharmacy Practice)		
Module outcomes: Upon completion of this module the student should:		
<ul style="list-style-type: none"> be endowed with advanced knowledge and skills to identify a new, relevant research question within the specific research field of Pharmacy Practice; be able to plan and perform a suitable quantitative and/or qualitative research topic in a scientific and ethical manner by using suitable research methods, techniques and procedures; interpret and integrate research results in a scientifically justifiable way and compile a research report from it; and be able to communicate research results in writing and verbally in a scientific and ethical way. 		
Mode of delivery: Fulltime/part-time - contact – It is expected from students to complete a research project under supervision of a supervisor(s).		
Assessment methods External and internal examining according to the NWU policy		
Module code: MBWK971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Human Movement Science)		
Module outcomes: After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> demonstrate a comprehensive and systematic specialist knowledge base of research methodologies and techniques that are at the forefront of Human Movement Science; synthesise and apply the knowledge of the most advanced research methodologies and techniques applicable to a specialist area in Human Movement Science in planning, composing and executing a complex research project; identify and solve a complex research problem or question at the forefront of a specialist area by using skills for developing and processing information and collecting, capturing, processing, analysing and interpreting research data; independently, effectively and professionally present a thesis that complies with the standards of scientific professional writing using advanced IT and communicate the results to an international specialist examination panel, using academic-professional reasoning; and act in an ethically correct manner and within the required parameters during the execution of the research project and composition and completion of the thesis. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Evaluation of thesis by internal and external examiners.		

Module code: MWKN971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Social Work)		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • The utilisation of the ecosystem approach in the extension and enhancement of social work knowledge; • The identification of a research problem of a highly complex nature in the field of social work of which the solution may contribute to the extension of the social work knowledge base; • The formulation and application of a suitable research design and procedure; • The analysing and application, interpretation and critical evaluation of research-related data; • The presentation and reporting on the research data in the form of a thesis of high quality; and • The dissemination of the newly acquired knowledge to social workers and other relevant role players. 		
Mode of delivery: Fulltime and Part-time.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: PSYC971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Psychology)		
Module outcomes:		
After the completion of the module the student should be able to:		
<ul style="list-style-type: none"> • demonstrate advanced and specialised knowledge and skills to identify a social relevant research question in the domain of psychology, which can be researched individually or interdisciplinary; • design an appropriate quantitative and/or qualitative research design which will make a significant contribution to the encyclopaedia of psychological knowledge; • independently execute the research in an ethical- and scientific way by utilising appropriate research methods, techniques and procedures; and • interpret the research findings in a scientific accountable way and report/communicate this in a thesis that meets the academic and professional standards and regulations of the NWU. 		
Mode of delivery: Fulltime / Part-time – Contact / Distance.		
Assessment methods: Internal and external evaluation according to NWU policy.		
Module code: RKKX971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Recreation Science)		
Module outcomes:		
After the module has been completed, the student should be able to:		
<ul style="list-style-type: none"> • demonstrate a comprehensive and systematic specialist knowledge base of research methodologies and techniques that are at the forefront of Human Movement Science; • synthesise and apply the knowledge of the most advanced research methodologies and techniques applicable to a specialist area in Human Movement Science in planning, composing and executing a complex research project; • identify and solve a complex research problem or question at the forefront of a specialist area by using skills for developing and processing information and collecting, capturing, processing, analysing and interpreting research data; • independently, effectively and professionally present a thesis that complies with the standards of scientific professional writing using advanced IT and communicate the results to an international specialist examination panel, using academic-professional reasoning; and • act in an ethically correct manner and within the required parameters during the execution of the research project and composition and completion of the thesis. 		
Mode of delivery: Fulltime/contact. No modules are presented "online" or presented from one campus to students on another campus.		
Assessment methods: Evaluation of thesis by internal and external examiners.		
Module code: VERB971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Consumer Science)		
Module outcomes:		
After completion of this module, you should have the following skills:		
<ul style="list-style-type: none"> • a comprehensive, extensive and systematic knowledge of the consumer sciences field, with specialist knowledge of research methodology and consumer behaviour, as well as professional research methodology practice; • coherent and critical insight into advanced theories and research methodologies, as well as techniques of consumer behaviour research; the ability to debate about and evaluate leading specialist research; the ability to link and integrate theory with practice, and to think epistemologically; • the ability to demonstrate substantial independent research and advanced learning by expanding the 		

<p>personal knowledge basis and by exposing research to peer evaluation;</p> <ul style="list-style-type: none"> the ability to identify, conceptualise and design complex consumer problems (consumer research) and issues; and advanced information processing skills and the ability to apply critical and independent evaluation, as well as to initiate and execute a literature study independently. 		
Mode of delivery: Fulltime – Contact.		
Assessment methods: Evaluation by two external examiners and one internal examiner.		
Module code: VOED971	Semester 1 and 2	NQF-Level: 10
Title: Thesis (Nutrition)		
Module outcomes:		
After the module has been completed, the student should:		
<ul style="list-style-type: none"> demonstrate proof of a meaningful contribution to the development of: new scientific knowledge and/or, new skills in a specific research field; utilise the qualification in the provision of scientific researchers for South Africa, who dispose of extended theoretical knowledge and practical skills in the science of nutrition and also contribute to extend leadership in innovative and core-based nutrition care in the country. 		
Mode of delivery: Fulltime / Part-time – Contact.		
Assessment methods: External and internal examining according to NWU policy.		
Module code: VPBP971	Semester 1 and 2	NQF-Level: 10
Title: Thesis: (Health Sciences Management)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> demonstrate a high level of critical-analytical problem solving skills; practice health science on a specialized level; distinguish him/herself as leader in health science; apply advanced research methodology, initiate research, predict outcomes and apply results; make a meaningful contribution to the knowledge base of health science; act independently as researcher; maintain specialized professional excellence by means of life-long learning; and initiate and maintain networks on a national- and international level. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		
Assessment methods: External and internal examining according to NWU policy...		
Module code: VPEP971	Semester 1 and 2	NQF-Level: 10
Title: Thesis: (Psychiatric Community Nursing)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> practice nursing science on a specialized level; distinguish him/herself as leader in nursing science; apply advanced research methodology, initiate research, predict outcomes and apply results; make a meaningful contribution to the knowledge base of nursing science; act independently as researcher; maintain specialized professional excellence by means of life-long learning; and initiate and maintain networks on a national- and international level. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		
Assessment methods: External and internal examining according to NWU policy.		
Module code: VPGP971	Semester 1 and 2	NQF-Level: 10
Title: Thesis: (Community Nursing Science)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> practice nursing science on a specialized level; distinguish him/herself as leader in nursing science; apply advanced research methodology, initiate research, predict outcomes and apply results; make a meaningful contribution to the knowledge base of nursing science; act independently as researcher; maintain specialized professional excellence by means of life-long learning; and initiate and maintain networks on a national- and international level. 		
Mode of delivery: Research under guidance of a study leader supported by the research committee.		
Assessment methods: External and internal examining according to NWU policy.		

Module code: VPOP971	Semester 1 and 2	NQF-Level: 10
Title: Thesis: (Health Science Education)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> • practice health science on a specialized level; • distinguish him/herself as leader in health science; • apply advanced research methodology, initiate research, predict outcomes and apply results; • make a meaningful contribution to the knowledge base of health science; • act independently as researcher; • maintain specialized professional excellence by means of life-long learning; and • initiate and maintain networks on a national- and international level. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		
Assessment methods: External and internal examining according to NWU policy.		
Module code: VPPP971	Semester 1 and 2	NQF-Level: 10
Title: Title: Thesis: (Professional Nursing Science)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> • practice nursing science on a specialized level; • distinguish him/herself as leader in nursing science; • apply advanced research methodology, initiate research, predict outcomes and apply results; • make a meaningful contribution to the knowledge base of nursing science; • act independently as researcher; • maintain specialized professional excellence by means of life-long learning; and • initiate and maintain networks on a national- and international level. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		
Assessment methods: External and internal examining according to NWU policy.		
Module code: VPVP971	Semester 1 and 2	NQF-Level: 10
Title: Thesis: (Midwifery and Neonatal Nursing Science)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> • practice nursing science on a specialized level; • distinguish him/herself as leader in nursing science; • apply advanced research methodology, initiate research, predict outcomes and apply results; • make a meaningful contribution to the knowledge base of nursing science; • act independently as researcher; • maintain specialized professional excellence by means of life-long learning; and • initiate and maintain networks on a national- and international level. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		
Assessment methods: External and internal examining according to NWU policy.		
Module code: VPVV971	Semester 1 and 2	NQF-Level: 10
Title: Thesis: (Nursing Science)		
Module outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> • practice nursing science on a specialized level; • distinguish him/herself as leader in nursing science; • apply advanced research methodology, initiate research, predict outcomes and apply results; • make a meaningful contribution to the knowledge base of nursing science; • act independently as researcher; • maintain specialized professional excellence by means of life-long learning; and • initiate and maintain networks on a national- and international level. 		
Mode of delivery: Research under guidance of a study leader supported by research committee.		
Assessment methods: External and internal examining according to NWU policy.		

G.2.4 POSTGRADUATE DIPLOMAS

Module code: FKLT531	Semester 1	NQF-Level: 8
Title: Principles of Pharmacokinetics		
Module Outcomes: After successful completion of this module, the student will be able to: <ul style="list-style-type: none"> • demonstrate integrated and advanced knowledge of pharmacokinetic principles and the factors influencing pharmacokinetics; • reveal the ability to critically evaluate multiple sources of knowledge and to retrieve the latest information on pharmacokinetic principles with a view to apply pharmacokinetic principles in pharmacological calculations within clinical scenarios and case studies; • participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems. 		
Mode of delivery: Distance learning		
Assessment Methods: Learning outcomes for each module is assessed via: <ul style="list-style-type: none"> • an assignment, • a moderated electronic group discussion (excluding), and • an electronic examination. After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.		
Module code: FKLT532	Semester 1	NQF-Level: 8
Title: Principles of Pharmacodynamics		
Module Outcomes: After successful completion of this module, the student will be able to: <ul style="list-style-type: none"> • demonstrate integrated knowledge and engagement in pharmacodynamics principles to assess the impact of drugs on a patient, to assess drug actions from pharmacodynamics parameters and to determine beforehand whether or not a certain combination of drugs is desirable; • demonstrate advanced knowledge of the various drug-receptor interactions of agonists and antagonists; • demonstrate the ability to critically evaluate and interpret in vitro and in vivo experimental data and findings and then apply the principles of linear drug-receptor interactions to the complicated non-linear drug-receptor interactions in order to address and solve complex pharmacodynamics problems; • participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems. 		
Mode of delivery: Distance learning		
Assessment Methods: Learning outcomes for each module is assessed via: <ul style="list-style-type: none"> • an assignment, • a moderated electronic group discussion (excluding), and • an electronic examination. After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.		
Module code: FKLT533	Semester 1	NQF-Level: 8
Title: Drugs for Pain, Inflammation, Fever and Airway Diseases		
Module Outcomes: After successful completion of this module, the student will be able to: <ul style="list-style-type: none"> • demonstrate integrated and advanced knowledge of drug classifications, their respective mechanism of actions and pharmacokinetics of drugs used in the management of pain, inflammation, fever and airways diseases; • demonstrate integrated knowledge of therapeutic applications, contra-indications, side effects and relevant drug interactions with a view to analyse and critically evaluate different drug treatments within clinical scenarios and to demonstrate a patient-orientated approach in order to advise patient of effective drug use; • reveal the ability to critically evaluate multiple sources of knowledge and to retrieve the latest information on drugs for treating disorders related to pain, inflammation, fever and airways diseases; • participate via academically sound communication principles in online group discussions with a view 		

<p>to demonstrate the ability to use learnt knowledge to solve contextual problems;</p> <ul style="list-style-type: none"> critically judge ethical conduct of other healthcare workers and to defend or oppose the application of a social and ethical code in appropriate drug selections and where required to change conduct or guidelines. 		
Mode of delivery: Distance learning		
<p>Assessment Methods: Learning outcomes for each module is assessed via:</p> <ul style="list-style-type: none"> an assignment, a moderated electronic group discussion (excluding), and an electronic examination. <p>After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.</p>		
Module code: FKLT541	Semester 1	NQF-Level: 8
Title: Drugs and the Peripheral Nervous System		
<p>Module Outcomes:</p> <p>After successful completion of this module, the student will be able to:</p> <ul style="list-style-type: none"> demonstrate integrated and advanced knowledge of drug classifications, their respective mechanism of actions and pharmacokinetics in the peripheral nervous system; demonstrate integrated knowledge of therapeutic applications, contra-indications, side effects and relevant drug interactions with a view to analyse and critically evaluate different drug treatments within clinical scenarios relevant to the peripheral nervous system; reveal the ability to critically evaluate multiple sources and to retrieve the latest information on drugs for treating the appropriate disease states; participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems; critically judge ethical conduct of other healthcare workers and to defend or oppose the application of a social and ethical code in appropriate drug selections and where required to change conduct or guidelines. 		
Mode of delivery: Distance learning		
<p>Assessment Methods: Learning outcomes for each module is assessed via:</p> <ul style="list-style-type: none"> an assignment, a moderated electronic group discussion (excluding), and an electronic examination. <p>After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.</p>		
Module code: FKLT542	Semester 1	NQF-Level: 8
Title: Chemotherapy of Infections and Infestations		
<p>Module Outcomes:</p> <p>After successful completion of this module, the student will be able to:</p> <ul style="list-style-type: none"> demonstrate integrated and advanced knowledge of drug classifications, their respective pharmacological mechanism of actions and pharmacokinetics of antimicrobial drugs and other drugs used in the treatment of infectious diseases; demonstrate integrated knowledge of therapeutic applications, contra-indications, side effects and relevant drug interactions with a view to analyse and critically evaluate different drug treatments within clinical scenarios relevant to infections and infestation and to demonstrate a patient-directed approach and the ability to advise patients regarding effective anti-infective drug use in view of the global increase in microbial drug resistance; reveal the ability to critically evaluate multiple sources and to retrieve the latest information on drugs for treating an ever changing microbiological environment; participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems. 		
Mode of delivery: Distance learning		
<p>Assessment Methods: Learning outcomes for each module is assessed via:</p> <ul style="list-style-type: none"> an assignment, a moderated electronic group discussion (excluding), and an electronic examination. <p>After completion of all modules as prescribed, the student must successfully complete an oral examination</p>		

(via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.		
Module code: FKLT551	Semester 2	NQF-Level: 8
Title: Drugs and the Central Nervous System		
Module Outcomes:		
After successful completion of this module, the student will be able to:		
<ul style="list-style-type: none"> demonstrate integrated and advanced knowledge of drug classifications, their respective mechanism of actions and pharmacokinetics in the central nervous system; demonstrate integrated knowledge of therapeutic applications, contra-indications, side effects and relevant drug interactions with a view to analyse and critically evaluate different drug treatments within clinical scenarios relevant to the central nervous system; reveal the ability to critically evaluate multiple sources of knowledge and to retrieve the latest information on drugs for treating the appropriate disease states; participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems; critically judge ethical conduct of other healthcare workers and to defend or oppose the application of a social and ethical code in appropriate drug selections and where required to change conduct or guidelines. 		
Mode of delivery: Distance learning		
Assessment Methods: Learning outcomes for each module is assessed via:		
<ul style="list-style-type: none"> an assignment, a moderated electronic group discussion (excluding), and an electronic examination. 		
After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.		
Module code: FKLT552	Semester 2	NQF-Level: 8
Title: Hormones, Hominoids and Hormone Antagonists		
Module Outcomes:		
After successful completion of this module, the student will be able to:		
<ul style="list-style-type: none"> demonstrate integrated and advanced knowledge of drug classifications, their respective mechanism of actions, site of release and site of action as well as pharmacodynamics and pharmacokinetic parameters of hormone-active drugs; demonstrate integrated knowledge of therapeutic applications, contra-indications, side effects and relevant drug interactions with a view to analyse and critically evaluate different drug treatments within clinical scenarios relevant to the endocrine systems and hormone-active drugs ; reveal the ability to critically evaluate multiple sources and to retrieve the latest information on hormone-active drugs in order to provide effective patient advice with regard to the use of hormone-active drugs; participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems; critically judge the social-ethical implications of specific hormone-active drug treatment regimens and defend or oppose the application of a social and ethical code in appropriate drug selections and where required to change conduct or guidelines. 		
Mode of delivery: Distance learning		
Assessment Methods: Learning outcomes for each module is assessed via:		
<ul style="list-style-type: none"> an assignment, a moderated electronic group discussion (excluding), and an electronic examination. 		
After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.		
Module code: FKLT561	Semester 2	NQF-Level: 8
Title: Drugs and the Cardiovascular System		
Module Outcomes:		
After successful completion of this module, the student will be able to:		
<ul style="list-style-type: none"> demonstrate integrated and advanced knowledge of drug classifications, their respective pharmacological mechanism of actions and pharmacokinetics of drugs used in the management of 		

<p>cardiovascular diseases as well as drugs that affect renal and cardiovascular functioning;</p> <ul style="list-style-type: none"> • demonstrate integrated knowledge of therapeutic applications, contra-indications, side effects and relevant drug interactions with a view to analyse and critically evaluate different drug treatments within clinical scenarios relevant to the cardiovascular and renal systems; • reveal the ability to critically evaluate multiple sources and to retrieve the latest information on drugs for treating various cardiovascular disease states; • participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems • critically judge ethical conduct of other healthcare workers and to defend or oppose the application of a social and ethical code in appropriate drug selections and where required to change conduct or guidelines. 		
Mode of delivery: Distance learning		
<p>Assessment Methods: Learning outcomes for each module is assessed via:</p> <ul style="list-style-type: none"> • an assignment, • a moderated electronic group discussion (excluding), and • an electronic examination. <p>After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.</p>		
Module code: FKL562	Semester 2	NQF-Level: 8
Title: Drugs for GIT and Skin Disorders		
<p>Module Outcomes:</p> <p>After successful completion of this module, the student will be able to:</p> <ul style="list-style-type: none"> • demonstrate integrated and advanced knowledge of drug classifications, their respective mechanism of actions and pharmacokinetics of drug used in the treatment of gastrointestinal tract and skin disorders; • demonstrate integrated knowledge of therapeutic applications, contra-indications, side effects and relevant drug interactions with a view to analyse and critically evaluate different drug treatments within clinical scenarios relevant to the gastrointestinal tract and skin; • reveal the ability to critically evaluate multiple sources and to retrieve the latest information on drugs for treating conditions associated with the gastrointestinal tract and skin disorders; • participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems; • critically judge ethical conduct of other healthcare workers and to defend or oppose the application of a social and ethical code in appropriate drug selections and where required to change conduct or guidelines. 		
Mode of delivery: Distance learning		
<p>Assessment Methods: Learning outcomes for each module is assessed via:</p> <ul style="list-style-type: none"> • an assignment, • a moderated electronic group discussion (excluding), and • an electronic examination. <p>After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.</p>		
Module code: FKL563	Semester 2	NQF-Level: 8
Title: Vitamins, Haematopoietic and Immunopharmacology		
<p>Module Outcomes:</p> <p>After successful completion of this module, the student will be able to:</p> <ul style="list-style-type: none"> • demonstrate integrated and advanced knowledge of drug classifications, their respective mechanism of actions and pharmacokinetics of drugs used in the treatment of cancer, various disease states that result from vitamin and mineral deficiencies, disorders pertaining to the blood forming organs, and disorders of the neuro-immune system; • demonstrate integrated knowledge of therapeutic applications, contra-indications, side effects and relevant drug interactions with a view to analyse and critically evaluate different drug treatments within clinical scenarios relevant to vitamins, haematopoietic and immunopharmacology; • reveal the ability to critically evaluate multiple sources and to retrieve the latest information on drugs for treating the appropriate disease states; • participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems; 		

<ul style="list-style-type: none"> critically judge ethical conduct of other healthcare workers and to defend or oppose the application of a social and ethical code in appropriate drug selections and where required to change conduct or guidelines. 		
Mode of delivery: Distance learning		
Assessment Methods: Learning outcomes for each module is assessed via: <ul style="list-style-type: none"> an assignment, a moderated electronic group discussion (excluding), and an electronic examination. <p>After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.</p>		
Module code: FKL564	Semester 2	NQF-Level: 8
Title: Advanced Pharmacological Principles		
Module Outcomes: <p>After successful completion of this module, the student will be able to:</p> <ul style="list-style-type: none"> demonstrate integrated and advanced knowledge of clinical pharmacokinetic principles, appropriate drug dosing schedules and different drug interactions with a view to analyse and critically evaluate different drug treatments in the pharmacological field; reveal the ability to use the principles of chrono-pharmacology to enhance therapy in patients within clinical scenarios; reveal the ability to critically evaluate gene therapy; reveal the ability to critically evaluate multiple sources and to retrieve the latest pharmacological information on drugs for treating various disease states; participate via academically sound communication principles in online group discussions with a view to demonstrate the ability to use learnt knowledge to solve contextual problems; critically judge ethical conduct of other healthcare workers and to defend or oppose the application of a social and ethical code in appropriate drug selections and where required to change conduct or guidelines. 		
Mode of delivery: Distance learning		
Assessment Methods: Learning outcomes for each module is assessed via: <ul style="list-style-type: none"> an assignment, a moderated electronic group discussion (excluding), and an electronic examination. <p>After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.</p>		
Module code: FKL571	Semester 2	NQF-Level: 8
Title: Integrated Pharmacology		
Module Outcomes: <p>After successful completion of this module, the student will be able to:</p> <p>The programme outcomes states that successful completion of the Post Graduate Diploma in Pharmacological Principles of Drug Therapy will enable the prescribing medical practitioner and persons from related disciplines to exercise accountable selections of drugs, founded on pharmacological and ethical principles, in the best interest of the patient. These primary programme outcomes imply that for the oral examination (Module 12) the student must be able to:</p> <ul style="list-style-type: none"> demonstrate integrated and advanced knowledge and insight into the dynamics and kinetics and interactions between drugs; reveal the ability to compile individualised pharmaco-therapeutic approaches, based on advanced pharmacological knowledge, insights and an appropriate ethical value system. <p>These knowledge, skills and values will be evaluated with regard to all topics of the preceding modules including your ability to:</p> <ul style="list-style-type: none"> demonstrate integrated and advanced knowledge of drug classifications, their respective mechanism of actions and pharmacokinetics of all drugs; demonstrate integrated knowledge of therapeutic applications, contra-indications, side effects and relevant drug interactions with a view to analyse and critically evaluate different drug treatments within clinical scenarios relevant to all drugs and to demonstrate a patient-orientated approach in order to advise patient of effective drug use; reveal the ability to critically evaluate treatment scenarios and propose rational alternatives; reveal the ability to critically evaluate multiple sources and to retrieve the latest information on drugs 		

for treating the various disease states.		
Mode of delivery: Distance learning		
Assessment Methods: Learning outcomes for each module is assessed via: <ul style="list-style-type: none"> • an assignment, • a moderated electronic group discussion (excluding), and • an electronic examination. After completion of all modules as prescribed, the student must successfully complete an oral examination (via telephone conferencing), including an external examiner and two internal examiners, on all pharmacological topics (see Module 12) to obtain the postgraduate diploma.		
Module code: VPK574	Semester 1	NQF-Level: 8
Title: The Advanced Midwife as Practitioner, Leader and Consultant		
Module-outcomes: After completion of this module the student will be able to: <ul style="list-style-type: none"> • practice as an advanced midwife, acting as a leader and consultant in a variety of scenarios including a clinical specialist, manager of a reproductive health service as well as in a private practice; • act as a facilitator in mobilising the community to participate in promoting, maintaining and restoring health; and • utilise auditing and quality control measures in attending to maternal and peri-natal morbidity and mortality. 		
Mode of delivery: Part-time – Contact on Potchefstroom Campus.		
Assessment methods: Assignments, tests and examination paper		
Module code: VPK575	Semester 1 and 2	NQF-Level: 8
Title: The Advanced Midwife as Clinician in ante-, intra- and postpartum context		
Module-outcomes: After completion of this module the student will be able to: <ul style="list-style-type: none"> • promote, maintain and restore health by using the scientific approach in assessing, diagnosing, planning; and • implement, evaluate and document holistic family-centred advanced midwifery care, during the ante-, intra- and postpartum period. 		
Mode of delivery: Part-time – Contact on Potchefstroom Campus.		
Assessment methods: Assignments, tests and examination paper.		
Module code: VPK576	Semester 2	NQF-Level: 8
Title: The Advanced Midwife as Clinician in Neonatal Context		
Module-outcome: After completion of this module the student will be able to: <ul style="list-style-type: none"> • promote, maintain and restore health by using the scientific approach in assessing, diagnosing, planning, implementing, evaluating and documenting holistic neonatal care; and • utilise knowledge regarding the pathology and clinical features of neonatal conditions as well as relevant pharmacology in the advanced midwifery management of neonates with compromised health. 		
Mode of delivery Part-time – Contact on Potchefstroom Campus.		
Assessment methods: Assignments, tests and examination paper.		
Module code: VPVP584	Semester 1 and 2	NQF-Level: 8
Title: Advanced Midwifery and Neonatal Nursing Practica		
Module-outcomes: After exposure to the clinical experience, the student will be able to: <ul style="list-style-type: none"> • manage complicated midwifery patients and neonates referred to them; and • utilise appropriate technology and techniques while caring in a scientific, individualised and holistic manner within the legal-ethical framework of South Africa. 		
Mode of delivery: Completion of a portfolio and clinical practica –hours (SANC) according to guidelines and instruction.		
Assessment methods: Portfolio and examination paper.		
Module code: NSCT211	Semester 1	NQF-Level: 7
Title: Grounding of Community Nursing Science		
Module-outcomes: On completion of this module the student should be able to: <ul style="list-style-type: none"> • Implement the scientific community nursing process in caring for the individual, the family and the community; • Consider the physical, psychological, social and cultural dimensions pertaining to the family and the 		

community; the influence of the environment with regard to disease patterns and tendencies; and		
<ul style="list-style-type: none"> The development, organisation, functioning and control of community health services in international and national health systems. 		
Mode of delivery: Contact sessions at selected study centres. Completion of a portfolio and clinical practica –hours (SANC) according to guidelines and instruction.		
Assessment methods: Assignments, tests, portfolio and examination paper.		
Module code: NSCT221	Semester 2	NQF-Level: 7
Title: Principles of Primary Health Care		
Module-outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> discuss the primary health care delivery in South Africa and the role, functions and responsibilities of the community health nurse in rendering a comprehensive primary health care service; exhibit knowledge and skill in implementing the primary health care principles; and demonstrate knowledge in assessing, diagnosing and managing individuals of all age groups to promote rational and safe drug use at primary health care level. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSCT271	Semester 1 and 2	NQF-Level: 7
Title: Community Nursing Science Practice		
Module-outcomes:		
On completion of the practica for NSCT271 the student should be able to:		
<ul style="list-style-type: none"> provide basic health care and manage the health problems of the individual, family, groups and the community within the framework of a comprehensive primary health care system as a member of the multidisciplinary team; exhibit knowledge and skill in assessing and managing the mother and child, adult and geriatric patient; and manage and control communicable diseases within the community. 		
Mode of delivery: Completion of a portfolio and clinical practica –hours (SANC) according to guidelines and instruction.		
Assessment methods: Portfolio.		
Module code: NSDT111	Semester 1	NQF-Level: 6
Title: Health Science Dynamics		
Module-outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> demonstrate a sound knowledge of the health care of South Africa with reference to the developing world and health care in South Africa; demonstrate an understanding of health care as a caring concern; demonstrate the ability to debate the concept "professionalism" as related to health care professionals; demonstrate the ability to act ethically in any given health care situation; develop the self through the study of Health Science Dynamics regarding personal and professional growth; and participate effectively as a health practitioner in the multi-disciplinary team. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests, portfolio and examination paper.		
Module code: NSET111	Semester 1	NQF-Level: 6
Title: Health Science Education: Introduction		
Module-outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> demonstrate knowledge of the psychological framework regarding human behaviour in the educational process; be knowledgeable about growth dynamics; have an understanding about information processing, learning strategies and motivation; and motivate the imperativeness of effective education and achieving positive teaching outcomes. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		

Module code: NSET211	Semester 1	NQF-Level: 7
Title: Curriculum Studies		
Module-outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> demonstrate knowledge, skills and attitude regarding SAQA/NQF/OBE; the skills development act; outcomes based education; outcomes based education and the curriculum; and study guide development and lesson plans; outcomes based learning and the learning accompanist; outcomes based learning and the adult student. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSET221	Semester 2	NQF-Level: 7
Title: Didactics		
Module-outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> demonstrate knowledge; skills and attitude regarding the teaching and learning context, construction of knowledge; determinants of learning; dimensions of learning; creation of a context conducive to learning (facilitation-, clinical skills and assessment). 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSET271	Semester 1 and 2	NQF-Level: 7
Title: Health Science Education: Practica		
Module-outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> demonstrate confidence in the planning of learning opportunities; utilise various teaching strategies; and create a context conducive to learning; evaluate learning; write a report on nursing school administration. 		
Mode of delivery: Completion of a portfolio according to guidelines and instruction.		
Assessment methods: Portfolio.		
Module code: NSFT121	Semester 2	NQF-Level: 6
Title: Financial Health Management		
Module-outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> discuss cost and financial management in health services; understand the cost elements in health care services; understand planning and budgeting in health services; and understand cost control and decision making. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSHT211	Semester 1	NQF-Level: 7
Title: Clinical Nursing Science, Health Assessment, Treatment And Care: Introduction		
Module-outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> discuss the consultation process and implement the history taking, physical examination, diagnosis and management of a patient; and exhibit knowledge and skill in the assessment, diagnosis and management of patients with ear-, nose and throat, ophthalmological-, respiratory- and cardiovascular conditions in adult and children. 		
Mode of delivery: Distance learning		
Assessment methods: One examination paper.		
Module code: NSHT221	Semester 2	NQF-Level: 7
Title: Clinical Nursing Science, Health Assessment, Treatment And Care		
Module-outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> exhibit knowledge and skill in assessment , diagnosis and management of patients with gastro-intestinal-, haematological, endocrine, emergency, uro-genital, dermatological, musculo-skeletal and nervous system conditions; and assess, manage and treat communicable diseases and treat patients with special problems. 		
Mode of delivery: Contact sessions at selected study centres.		

Assessment methods: Assignments, tests and examination paper.		
Module code: NSHT271	Semester 1 and 2	NQF-Level: 7
Title: Clinical Nursing Science, Health Assessment, Treatment And Care: Practica		
Module-outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> • provide a comprehensive primary health care service on both the adult and child; take a full history and do a physical examination on a patient; • assemble and synthesize the information systematically for diagnosis and proper management of the patient; and • act independently within the legal and ethical framework in a diverse health team of individuals and families in the community. 		
Mode of delivery: Completion of a portfolio and clinical practica –hours (SANC) according to guidelines and instruction.		
Assessment methods: Portfolio and practical examination.		
Module code: NSKT211	Semester 1	NQF-Level: 7
Title: Pharmacology		
Module-outcomes: On completion of this modules the student should be able to:		
<ul style="list-style-type: none"> • demonstrate knowledge on common terms used in pharmacology. • Success depends on knowledge of the pharmacological language; operationalization of the nursing process. (i.e. assessment, potential nursing diagnosis, planning, nursing interventions and evaluation) for patients receiving medication as part of a holistic patient care process; and the provision of sufficient patient/client education regarding the use of medication. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSMT211	Semester 1	NQF-Level: 7
Title: Unit/Clinic Management		
Module-outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> • explain what management and unit management is; • apply the management process in the nursing unit; • debate the necessity of policy and procedure manuals in the nursing unit; • describe the unit managers' financial and budgetary responsibilities; • illustrate an effective staff scheduling plan; • outline the supervisory duties of the unit manager and; and • formulate a disaster and emergency plan for the nursing unit. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSMT221	Semester 2	NQF-Level: 7
Title: Human Resources Management		
Module-outcomes: After studying this module the student should be able to:		
<ul style="list-style-type: none"> • discuss the principles of quality improvement; • apply the process of quality improvement; • implement a quality improvement programme in the health service; • formulate and apply total quality management in the health service; • apply risk management and case management; and • implement information systems in the management of the health organisation. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: NSMT271	Semester 1 and 2	NQF-Level: 7
Title: Health Service Management Practica		
Module-outcomes: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> • apply the principles of management in the practice of Health Service Management by: evaluating clinic/hospital/units philosophy, policy, procedure manuals, formulate new philosophy, policy and procedures; • discuss the application of Human Resource implementation in the clinic/hospital/unit; discuss the 		

<p>quality control used in the clinic/hospital/unit; provide a schematic outline of a personnel development programme; and</p> <ul style="list-style-type: none"> • discuss the role of the Health Service Manager in the clinic/hospital/unit with regard to the finances and personnel/staff/manpower. 		
Mode of delivery: Completion of portfolio according to guidelines and instruction.		
Assessment methods: Portfolio.		
Module code: NSRT121	Semester 2	NQF-Level: 6
Title: Health Science Research		
Module-outcomes:		
On completion of this module the student should be able to:		
<ul style="list-style-type: none"> • appreciate the meaning and usefulness of Health Science Research; and • demonstrate a proficiency in utilising the correct methodology for each type of research; complete the research process with confidence and utilise research results in the health practice. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		

G.2.5 ADDITIONAL MODULES FROM OTHER FACULTIES

Module code: IOPS311	Semester 1	NQF-Level: 7
Title: Organisation Psychology		
Module Outcomes:		
After the completion of the module, the student should be able to:		
<ul style="list-style-type: none"> • know and understand the research, theories, and approaches as regards organisational behaviour, stress, motivation, job satisfaction, leadership, group behaviour, organisational politics, conflict, decision making, communication and organisational design; • develop a sensitivity for individual, group and organisational problems on national and international level and be flexible regarding its management; apply skills to diagnose individual, group and organisational problems and to intervene and/or refer individuals to professionals; • facilitate individuals and/or groups and/or advise the relevant parties on solutions; know and understand the nature, reasons for and history of organisational culture, organisational climate and organisational development; • know and understand the competencies of an organisational development consultant; apply skills to diagnose problems and opportunities and refer/facilitate/consult individuals and groups; • identify changes impacting on the working environment and know and understand the management of change; • know and understand organisational diagnosis and apply techniques to diagnose problems and opportunities in organisations; and • know and understand elementary organisational development interventions; and apply skills to develop, implement and evaluate these interventions in the workplace. 		
Mode of delivery: Distance learning		
Assessment methods: Students must write an exam. A second exam opportunity is available if a student did not pass the first opportunity.		
Module code: BSKT221	Semester 2	NQF-Level: 7
Title: Personnel Psychology		
Module Outcomes:		
After the completion of the module, the student should be able to:		
<ul style="list-style-type: none"> • know and understand the nature, value and functions of human resource management and its challenges; • demonstrate a knowledge of and insight into job analysis, human resource planning, recruitment, selection, compensation, performance management, induction, training and development; • apply skills to develop these programmes within the working environment; • show knowledge and insight regarding the importance of a safe and healthy work environment that enhances the employees' quality of working; and • apply knowledge and skills to compile human resource management programmes. 		
Mode of delivery: Distance learning		
Assessment methods: Students must write an exam. A second exam opportunity is available if a student did not pass.		

Module code: OBAD112	Semester 1	NQF-Level: 6
Title: Introduction to Public Management		
Module-outcome: On completion of this module the student should be able to:		
<ul style="list-style-type: none"> understand public management and administration as a discipline; public policy and legislative framework for implementation; and achieve sustainable development: the role of local government. 		
Mode of delivery: Contact sessions at selected study centres.		
Assessment methods: Assignments, tests and examination paper.		
Module code: STTN111	Semester 1	NQF-Level: 6
Title: Descriptive Statistics		
Module outcomes: After completion of the module successful students should be able to:		
<ul style="list-style-type: none"> demonstrate fundamental knowledge of the most important statistical techniques including: sampling, graphic presentation of data, descriptive measures of locality and dispersion, least-squares line fitting, prediction of least squares, correlation coefficient, multiple linear regression (and applying it to predictions and time series data), and demonstrate knowledge of movement components to predict outcomes and take practical considerations into account for sampling and sample size; demonstrate problem-solving skills in terms of known and unknown problems by using samples, graphic presentation of data, descriptive measures of locality and dispersion, least-squares line fitting, prediction of least squares, correlation coefficients, multiple linear regression, and applying it for purposes of predicting time series data; and critically compare various methods and techniques including sampling and descriptive measures of locality and dispersion in unfamiliar real-life situations. 		
Mode of delivery: Contact teaching – only fulltime.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		
Module code: STTN124	Semester 1	NQF-Level: 6
Title: Practical Statistics		
Module outcomes: After completion of the module successful students should be able to demonstrate knowledge of, and apply in practice, the following:		
<ul style="list-style-type: none"> correlation and interpretation of least-squares line fitting, fitting of a regression function, prediction by means of regression function, multiple linear regression and selection of predictors; factor analysis and analysis of results of factor analysis, interpretation of factor matrices and construct validity; hypothesis testing, calculation of probability, central limit setting, significance and p-values; one-way ANOVA testing and the interpretation of results obtained with it; the practical significance of effect sizes of differences in the means of two populations; categorical data analysis based on contingency tables, chi-square goodness of fit tests and independence tests; distribution methods, parametric and non- parametric inferential methods; and identify statistical concepts in practice, and apply suitable statistical methods to summarise, understand and analyse data by using computer software developed for statistical purposes. 		
Mode of delivery: Contact teaching – only fulltime.		
Assessment methods: Written assignments, class activities, group- and individual work, as well as a formal examination.		

G.3 LIST OF MODULES

G.3.1 SCHOOL OF BIOKINETICS, RECREATION AND SPORT SCIENCE

Module code	Descriptive name	Credits
MBWB681	Biokinetics: Orthopaedics	32
MBWB682	Biokinetics: Clinical	32
MBWB683	Biokinetics: Theory / Health	32
MBWB684	Biokinetics: Professional Internship	32
MBWK681	Applied Research methodology and mini-dissertation	32
MBWK682	Kinderkinetics theory	32
MBWK683	Applied Kinderkinetics Practical	24
MBWK684	Professional Internship	24
MBWK685	Applied Exercise Physiology	16
MBWK686	Child Welfare and Health Promotion	16
MBWS682	Applied Sport Physiology	32
MBWS683	Applied Biomechanics	16
MBWS684	Applied Sport Psychology	16
MBWS685	Sport Science Internship	24
MBWS686	Sport Science Practice	24
RKKX673	Recreation Management	16
RKKX677	Therapeutic Recreation	24
RKKX678	Advanced Facilitation	16
RKKX679	Leisure Programming	16
RKKX681	Applied Recreation Management	24

G.3.2 FOCUS AREA: PHYSICAL ACTIVITY, SPORT AND RECREATION (PhASRec)

MBWB871	Dissertation: Biokinetics	180
MBWK871	Dissertation: Kinderkinetics	180
MBWS871	Dissertation: Sport Science	180
RKKV871	Dissertation: Recreation Sciences	180
MBWK971	Thesis: Human Movement Sciences	360
RKKX971	Thesis: Recreation Sciences	360

G.3.3

SCHOOL OF PSYCHOSOCIAL BEHAVIOURAL SCIENCES

Module code	Descriptive name	Credits
MWKC874	Alternative care	20
MWKC875	Adoption	28
MWKF876	General Child Assessment (Semester 1)	24
MWKF877	Sexual Abuse and Physical Battering (Semester 1)	24
MWKF878	Trauma Assessment and Investigation Process (Semester 2)	24
MWKF879	Report Writing and Social Worker as Expert in Court (Semester 2)	24
MWKF880	Research Theory: Social Work	32
MWKK874	Child Protection as Field of Service	20
MWKK875	Children as a Vulnerable Group	20
MWKP811	Basic principles, theories and philosophy of play therapy	22
MWKP812	The child as client	22
MWKP813	Play Therapy intervention with children	22
MWKP821	Community based play therapy intervention	22
MWKP880	Research Theory and community engagement	32
PSYH611	Psychological evaluation.	16
PSYH612	Community psychology: Theory	8
PSYH613	Applied positive psychology	16
PSYH671	Research and ethics: Theory and practice	20
PSYH672	Psychopathology	8
PSYH621	Intervention techniques	16
PSYH622	Theoretical perspectives on rendering help	16
PSYH623	Child and adolescent psychology	16
PSYC874	Critical Research Skills	16
PSYC875	Quantitative Research Methods	16
PSYC876	Qualitative Research Methods	16
PSYC877	Project Management	16
PSYC879	Child- and adolescent pathology and Therapy	20
PSYC880	Theory of Psychological Intervention	20
PSYC883	Ethics, Psychodiagnostics and Practical work	20
PSYC884	Applied Psychology and Community Interventions	20
PSYC885	Psychopharmacology, Neuropsychology and advanced Psychopathology in Clinical Psychology	20
PSYV879	Child- and adolescent pathology and Therapy	20

PSYV880	Theory of Psychological Intervention in Counselling Psychology	20
PSYV885	Psychopharmacology, Neuropsychology and advanced Psychopathology in Counselling Psychology	20

G.3.4 AFRICA UNIT FOR TRANSDISCIPLINARY HEALTH RESEARCH (AUTHeR)

Module code	Descriptive name	Credits
GRTL873	Mini-dissertation: Gerontology	100
GRTL813	Population ageing and policies	16
GRTL814	Bio-medical and social theories	16
GRTL815	Quality of life and well-being of older persons	8
GRTL816	Gerontological interventions	8
PSYP872	Research Dissertation in Positive Psychology	60
PSYP874	Introduction to Positive Psychology	24
PSYP875	Research methods in Positive Psychology	24
PSYP876	Assessment and Basics of Interventions	24
PSYP877	Applications in Positive Psychology	24
PSYP878	Advanced Positive Psychology	24
TDHP811	Research methodology	16
TDHP812	Transdisciplinary health promotion	16
TDHP813	Dissertation: Transdisciplinary health promotion	148
VERB871	Dissertation: Consumer Sciences	184
VERB971	Thesis: Consumer Sciences	360

G.3.5 COMMUNITY PSYCHOSOCIAL RESEARCH (COMPRES)

Module code	Descriptive name	Credits
MWKF873	Mini-dissertation: Forensic Practice	60
MWKK873	Mini-dissertation: Child Protection	60
MWKN971	Thesis: Social Work	360
MWKP873	Mini-dissertation: Play Therapy	60
MWSR 871	Dissertation Social Work	180
PSYC872	Dissertation: Research Psychology	116
PSYK872	Research Theory and dissertation in Clinical Psychology	100
PSYV872	Research theory and dissertation in Counselling Psychology	100
PSYC871	Dissertation: Psychology	180
PSYC971	Thesis: Psychology	360

G.3.6**SCHOOL OF PHYSIOLOGY, NUTRITION AND CONSUMER SCIENCES**

Module code	Descriptive name	Credits
FLGX612	Cardiovascular Physiology A	16
FLGX613	Neurophysiology	16
FLGX615	Research Methodology (Physiology)	8
FLGX617	Cellular Physiology	8
FLGX618	Occupational Hygiene Monitoring A	16
FLGX621	Cardiovascular Physiology C	16
FLGX622	Toxicology A	16
FLGX624	Toxicology B	16
FLGX625	Endocrinology	16
FLGX627	Cardiovascular Physiology B	16
FLGX671	Practical Project (Physiology)	32
VGHB671	Housing and Community Development	24
VGHB672	Consumer Resource Management	24
VGHB673	Interior Design	24
VKLE671	Specialised Textile Studies	24
VKLE672	Advanced Fashion Industry	24
VNAM671	Consumer Research Methods and Scientific Writing	24
VNAV671	Research Project – Research Report - Presentation	32
NUTR671	Research report	32
NUTA671	Advanced Nutrition Science	32
NUTG671	Nutrigenetics	32
NUTE671	Nutrition Epidemiology	32
NUTP671	Public Health Nutrition	32
NUTS671	Sport Nutrition	32
VVBG671	Consumer Behaviour	16
VVDL672	Food Product Development	24
VVDL673	Consumer Behaviour in Food	24
VVOO671	Adult Education and Training	16

G.3.7**OCCUPATION HYGIENE AND HEALTH RESEARCH INITIATIVE (OHRI)**

Module code	Descriptive name	Credits
FLGX884	Occupational Hygiene Monitoring B	24
FLGX885	Vibration, Heat and Ergonomic Factors	24

FLGX886	Labour Legislation	24
FLGX887	Personal Protection Equipment and Radiation	24
FLGX873	Mini-Dissertation: Occupational Hygiene	96
FLGB971	Thesis : Occupational Hygiene	384

G.3.8 CENTRE OF EXCELLENCE FOR NUTRITION (CEN)

Module code	Descriptive name	Credits
NUTE871	Nutritional Epidemiology	32
VOED874	Public Health Nutrition	32
VOED875	Advanced Nutrition Science	32
VOED876	Sport Nutrition	32
VOED880	Nutrition support of the paediatric patient	32
VOED882	Nutrition support of the critically ill	32
VOED873	Mini-dissertation: Dietetics	96
VOED871	Dissertation: Dietetics/Nutrition	192
DIET971	Thesis: Dietetics	360
VOED971	Thesis: Nutrition	360

G.3.9 HYPERTENSION IN AFRICA RESEARCH TEAM (HART)

Module code	Descriptive name	Credits
FLGX871	Dissertation: Physiology	192
FLGX971	Thesis: Physiology	384

G.3.10 SCHOOL OF PHARMACY

Module code	Descriptive name	Credits
CLNP811	Clinical Pharmacy, Social Pharmacy, and Professional Practice	16
CLNP812	Clinical Epidemiology, Research Methodology, Biostatistics, and Evidence-based Medicine	32
CLNP813	Clinical Pharmacotherapeutics and Therapeutic Outcomes Management I	24
CLNP814	Clinical Drug Toxicology, Drug Therapy in Oncology and the Management of Drug Abuse	16
CLNP821	Clinical Pharmacotherapeutics and Therapeutic Outcomes Management II	40
FKLT531	Principles of Pharmacokinetics	8
FKLT532	Principles of Pharmacodynamics	16
FKLT533	Drugs for Pain, Inflammation, Fever and Airway Diseases	16
FKLT541	Drugs and the Peripheral Nervous System	8
FKLT542	Chemotherapy of Infections and Infestations	16
FKLT551	Drugs and the Central Nervous System	16

FKLT552	Hormones, Hominoids and Hormone Antagonists	16
FKLT561	Drugs and the Cardiovascular System	16
FKLT562	Drugs for GIT and Skin Disorders	8
FKLT563	Vitamins, Haematopoietic and Immunopharmacology	8
FKLT564	Advanced Pharmacological Principles	8
FKLT571	Integrated Pharmacology	8
FPHA811	Applied Pharmaco-economics	16
FPHA812	Applied Pharmaco-epidemiology	16
FPHA813	Research methodology and introductory biostatistics	16
FPHA814	Disease management	16

G.3.11 NICHE AREA: MEDICINE USAGE IN SOUTH AFRICA (MUSA)

Module code	Descriptive name	Credits
CLNP873	Mini-dissertation: Advanced Clinical Pharmacy	64
FPHA872	Dissertation: Pharmacy Practice	148
FPKG971	Thesis: Pharmacy Practice	360

G.3.12 CENTRE OF EXCELLENCE FOR PHARMACEUTICAL SCIENCES (Pharmacem)

Module code	Descriptive name	Credits
FCHG871	Dissertation: Pharmaceutical Chemistry	180
FKLG871	Dissertation: Pharmacology	180
FMSG871	Dissertation: Pharmaceutics	180
FCHG971	Thesis: Pharmaceutical Chemistry	360
FKLG971	Thesis: Pharmacology	360
FMSG971	Thesis: Pharmaceutics	360

G.3.13 SCHOOL OF NURSING SCIENCES

Module code	Descriptive name	Credits
NSCT211	Grounding of Community Nursing	16
NSCT221	Principles of Primary Health Care	16
NSCT271	Community Nursing: Practica	24
NSDT111	Health Science Dynamics	16
NSET111	Health Science Education: Introduction	16
NSET211	Health Science Education: Curriculum Studies	16
NSET221	Health Science Education: Didactics	16
NSET271	Health Science Education: Practica	16

NSFT121	Financial Health Management	16
NSHT211	Clinical Nursing Science, Health Assessment, Treatment and Care: Child	16
NSHT221	Clinical Nursing Science, Health Assessment, Treatment and Care: Adult	16
NSHT271	Clinical Nursing Science, Health Assessment, Treatment and Care: Practica (Child and Adult)	48
NSKT211	Pharmacology	16
NSMT211	Unit/Clinic Management	16
NSMT221	Human Resources Management	16
NSMT271	Health Service Management: Practica	16
NSRT121	Health Science Research	16
VPEK874	Clinical Psychiatric Nursing sciences	32
VPEK875	Psychiatric Nursing skills and methods	32
VPEK876	Psychiatric Nursing practice, leadership and consultation	32
VPEP884	Psychiatric Nursing practical	48
VPKN874	Research Methodology	32
VPVK574	The advanced midwife as practitioner, leader and consultant	16
VPVK575	The advanced midwife as clinician in ante-, intra- and postpartum context	32
VPVK576	The advanced midwife as clinician in neonatal context	16
VPVK874	The specialist midwife as practitioner, leader and consultant	16
VPVK875	The specialist midwife as clinician in ante-, intra- and postpartum context	32
VPVK876	The specialist midwife as clinician in the neonatal context	16
VPVP584	Advanced midwifery and neonatal nursing science: Practica	32
VPVP884	Midwifery and neonatal Nursing Science practical	48

G.3.14 FOCUS AREA: QUALITY IN NURSING AND MIDWIFERY (INSINQ)

Module code	Descriptive name	Credits
VPES873	Mini-dissertation: Psychiatric Nursing Science	112
VPVS873	Dissertation: Midwifery and neonatal Nursing Science	112
VPBV872	Dissertation: Health Science Management	152
VPGV872	Dissertation: Community Nursing Science	152
VPKV872	Dissertation: Professional Nursing Science	152
VPOV872	Dissertation: Health Science Education	152
VPVV872	Dissertation: Nursing Science	152
VPBP971	Thesis: Health Sciences Management	360
VPEP971	Thesis: Psychiatric Community Nursing	360

VPGP971	Thesis: Community Nursing Science	360
VPOP971	Thesis: Health Science Education	360
VPPP971	Thesis: Professional Nursing Science	360
VPVP971	Thesis: Midwifery and Neonatal Nursing Science	360
VPVV971	Thesis: Nursing Science	360

G.3.15 ADDITIONAL MODULES (OTHER FACULTIES)

Module code	Descriptive name	Credits
BSKT111	Introduction to Psychology in Work Context	16
BSKT221	Personnel Psychology	16
IOPS311	Organisation Psychology	16
NSGT111	Sociology: Introduction A	16
NSGT121	Sociology: Introduction B	16
OBAD112	Introduction to Public Management	16
STTN111	Descriptive statistics	12
STTN124	Practical statistics	12

File reference: 7P/7.2.5/P_FHS